technical data

VRVII Systems

RXYQ-M9W1B

VRVII heat pump

TABLE OF CONTENTS

RXYQ5-48M9W1B

1 Specifications 2
Technical Specifications 2
Electrical Specifications 10

2 Options 14

3 Capacity tables 15
Cooling capacity tables 15
Heating capacity tables 59

4 Capacity correction factor 103

5 Dimensional drawing & centre of gravity 111
Dimensional drawing 111
Centre of gravity 114

6 Piping diagram 118

7 Wiring diagram 121
Wiring diagram 121
External connection diagram 124

8 Sound data 126
Sound pressure spectrum 126
Sound power spectrum 127

9 Installation 128
Service space 128
Fixation and foundation of units 129
Refrigerant pipe selection 130

10 Operation range 132

1 Specifications

1-1 TECHNICAL SPECIFICATIONS				RXYQ5M9W1B	RXYQ8M9W1B	RXYQ10M9W1B	RXYQ12M9W1B	RXYQ14M9W1B	RXYQ16M9W1B
Capacity	Cooling		kW	14.00	22.40	28.00	33.50	40.00	45.00
	Heating		kW	16.00	25.00	31.50	37.50	45.00	50.00
Capacity range			HP	5	8	10	12	14	16
Power input (Nominal)	Cooling		kW	4.14	5.92	8.01	9.16	13.40	16.00
	Heating		kW	3.71	6.06	7.65	9.20	11.70	13.20
Max n° of indoor units to be connected				8	13	16	19	20	20
Tot cap index of indoor units to be connected				162.5	260	325	390	455	520
Casing	Colour			Daikin White					
	Material			Painted galvanised steel					
Dimensions	Packing	Height	mm	1753	1753	1753	1753	1753	1753
		Width	mm	796	1055	1055	1365	1365	1365
		Depth	mm	860	860	860	860	860	860
	Unit	Height	mm	1600	1600	1600	1600	1600	1600
		Width	mm	635	930	930	1240	1240	1240
		Depth	mm	765	765	765	765	765	765
Weight	Machine Weight		kg	146	217	217	240	289	289
	Gross Weight		kg	161	236	236	260	309	309
Heat Exchanger	Dimensions	Length	mm	1345	1640	1640	1950	1950	1950
		Nr of Rows		54	54	54	54	54	54
		Fin Pitch	mm	2.00	2.00	2.00	2.00	2.00	2.00
		Nr of Passes		13	16	16	26	26	26
		Face Area	m²	1.598	1.948	1.948	2.317	2.317	2.317
		Nr of Stages		2	2	2	2	2	2
	Tube type			Hi-XSS (8)					
	Fin	Fin type		Non-symmetric waffle louvre					
		Treatment		Corrosion resistant					
Fan	Type			Propeller					
	Quantity			1	1	1	1	1	1
	Air Flow Rate (nominal)	Cooling	m³/min	75.0	175.0	180.0	210.0	210.0	210.0
		Heating	m³/min	75.0	175.0	180.0	210.0	210.0	210.0
	External static pressure		Pa	60 Pa in high static pressure					
	Discharge direction			Vertical					
	Motor	Quantity		1	1	1	1	1	1
		Model		Brushless DC					
		Output motor	W	350	750	750	750	750	750
		Speed	rpm	840	765	785	880	880	926
		Drive		Direct drive					
Compressor	Quantity			1	2	2	2	3	3
	Motor	Quantity		1	1	1	1	1	1
		Model		Inverter					
		Type		Hermetically sealed scroll compressor					
		Speed	rpm	900 ~ 6480					
		Motor Output	kW	3.0	0.7	1.6	2.8	1.1	2.7
		Starting Method		Direct on line					
		Crankcase Heater	W	33	33	33	33	33	33
		Quantity		-	1	1	1	2	2
		Model		-	ON - OFF	ON - OFF	ON - OFF	ON - OFF	ON - OFF
		Type		-	Hermetically sealed scroll compressor				
		Speed	rpm	-	2900	2900	2900	2900	2900
		Motor Output	kW	-	4.5	4.5	4.5	4.5	4.5
		Starting Method		-	Direct on line	Direct on line	Direct on line	Direct on line	Direct on line
		Crankcase Heater	W	-	33	33	33	33	33

1-1 TECHNICAL SPECIFICATIONS				RXYQ5M9W1B	RXYQ8M9W1B	RXYQ10M9W1B	RXYQ12M9W1B	RXYQ14M9W1B	RXYQ16M9W1B
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
		Max	°CDB	43.0	43.0	43.0	43.0	43.0	43.0
	Heating	Min	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
		Max	°CWB	15.5	15.5	15.5	15.5	15.5	15.5
Sound Level	Cooling	Sound Power	dBA	72.0	78.0	78.0	80.0	80.0	80.0
		Sound Pressure	dBA	54.0	57.0	58.0	60.0	60.0	60.0
Refrigerant	Name			R-410A					
	Charge		kg	5.6	7.6	8.6	10.4	11.6	12.4
	Control			Expansion valve					
	Nr of Circuits			1	1	1	1	1	1
Refrigerant Oil	Name			Synthetic (ether) oil					
	Charged Volume		l	1.7	1.6 + 1.7 + 2	1.6 + 1.7 + 2	1.6 + 1.7 + 2	1.7 + (2x1.6) + 3.2	1.7 + (2x1.6) + 3.2
Piping connections	Liquid (OD)	Type		Flare connection					
		Diameter (OD)	mm	9.5	9.5	9.5	12.7	12.7	12.7
	Gas	Type		Flare connection	Braze connection	Braze connection	Braze connection	Braze connection	Braze connection
		Diameter (OD)	mm	15.9	19.1	22.2	28.6	28.6	28.6
	Heat Insulation			Both liquid and gas pipes					
	Max total length		m	300	300	300	300	300	300
Defrost Method				Reversed cycle					
Defrost Control				Sensor for outdoor heat exchanger temperature					
Capacity Control Method				Inverter controlled					
Capacity Control				14 to 100	14 to 100	14 to 100	14 to 100	10 to 100	10 to 100
Safety devices				HPS					
				Fan motor driver overload protector					
				Inverter overload protector					
				-	Over current relay	Over current relay	Over current relay	Over current relay	Over current relay
				PC board fuse					
Standard Accessories	Standard Accessories			Installation and operation manual					
	Quantity			1	1	1	1	1	1
	Standard Accessories			Additional refrigerant label					
	Quantity			1	1	1	1	1	1
	Standard Accessories			Connection pipes					
	Quantity			3	3	3	3	3	3
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.					
				Nominal heating capacities are based on : indoor temperature : 20°CDB, outdoor temperature : 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m, level difference : 0m					
				Sound power level is an absolute value that a sound source generates.					
				Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.					
				Sound values are measured in a semi-anechoic room.					

1-1 TECHNICAL SPECIFICATIONS				RXYQ18M9W1B	RXYQ20M9W1B	RXYQ22M9W1B	RXYQ24M9W1B	RXYQ26M9W1B	RXYQ28M9W1B
Capacity	Cooling		kW	50.40	56.00	61.50	68.00	73.00	78.50
	Heating		kW	56.50	63.00	69.00	76.50	81.50	87.50
Capacity range			HP	18	20	22	24	26	28
Power input (Nominal)	Cooling		kW	13.93	16.02	17.20	21.40	24.00	25.20
	Heating		kW	13.71	15.30	16.90	19.40	20.90	22.40
Max n° of indoor units to be connected				20	20	22	32	32	32
Tot cap index of indoor units to be connected				585	650	715	780	845	910
Casing	Colour			Daikin White					
	Material			Painted galvanised steel					
Fan	Type			Propeller					
	Quantity			2	2	2	2	2	2
	Air Flow Rate (nominal)	Cooling	m³/min	355.0	360.0	390.0	390.0	390.0	420.0
		Heating	m³/min	355.0	360.0	390.0	390.0	390.0	420.0
	External static pressure		Pa	60 Pa in high static pressure					
	Discharge direction			Vertical					
	Motor	Quantity		1	1	1	1	1	1
		Model		Brushless DC					
		Output motor	W	750	750	750	750	750	750
		Speed	rpm	765	785	785	785	785	880
		Drive		Direct drive					
		Quantity		1	1	1	1	1	1
		Model		Brushless DC					
		Output motor	W	750	750	750	750	750	750
		Speed	rpm	785	785	880	880	880	880
		Drive		Direct drive					
Compressor	Quantity			4	4	4	5	5	5
	Motor	Quantity		2	2	2	2	2	2
		Model		Inverter					
		Type		Hermetically sealed scroll compressor					
		Speed	rpm	900 ~ 6480					
		Motor Output	kW	2.3	3.2	4.4	2.7	4.3	5.5
		Starting Method		Direct on line					
		Crankcase Heater	W	33	33	33	33	33	33
		Quantity		2	2	2	3	3	3
		Model		ON - OFF					
		Type		Hermetically sealed scroll compressor					
		Speed	rpm	2900	2900	2900	2900	2900	2900
		Motor Output	kW	9.0	9.0	9.0	13.5	13.5	13.5
		Starting Method		Direct on line					
		Crankcase Heater	W	33	33	33	33	33	33
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
		Max	°CDB	43.0	43.0	43.0	43.0	43.0	43.0
	Heating	Min	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0	-20.0
		Max	°CWB	15.0	15.0	15.0	15.0	15.0	15.0
Sound Level	Cooling	Sound Power	dBA	81.0	81.0	82.0	82.0	82.0	83.0
		Sound Pressure	dBA	61.0	61.0	62.0	62.0	62.0	63.0
Refrigerant	Name			R-410A					
	Charge		kg	16.2	17.2	19.0	20.2	21.0	22.8
	Control			Expansion valve					
	Nr of Circuits			2	2	2	2	2	2
Refrigerant Oil	Name			Synthetic (ether) oil					
	Charged Volume		l	Based on outdoor combination					

1-1 TECHNICAL SPECIFICATIONS				RXYQ18M9W1B	RXYQ20M9W1B	RXYQ22M9W1B	RXYQ24M9W1B	RXYQ26M9W1B	RXYQ28M9W1B
Piping connections	Liquid (OD)	Type		Braze connection					
		Diameter (OD)	mm	15.9	15.9	15.9	15.9	19.1	19.1
	Gas	Type		Braze connection					
		Diameter (OD)	mm	28.6	28.6	28.6	34.9	34.9	34.9
	Heat Insulation			Both liquid and gas pipes					
	Max total length		m	300	300	300	300	300	300
Defrost Method				Reversed cycle					
Defrost Control				Sensor for outdoor heat exchanger temperature					
Capacity Control Method				Inverter controlled					
Capacity Control				7 to 100	7 to 100	7 to 100	5 to 100	5 to 100	5 to 100
Safety devices				HPS					
				Fan motor driver overload protector					
				Inverter overload protector					
				Over current relay					
Standard Accessories	Standard Accessories			Installation and operation manual					
	Quantity			2	2	2	2	2	2
	Standard Accessories			Additional refrigerant label					
	Quantity			2	2	2	2	2	2
	Standard Accessories			Connection pipes					
	Quantity			6	6	6	6	6	6
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.					
				Nominal heating capacities are based on : indoor temperature : 20°CDB, outdoor temperature : 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m, level difference : 0m					
				Sound power level is an absolute value that a sound source generates.					
				Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.					
				Sound values are measured in a semi-anechoic room.					

1-1 TECHNICAL SPECIFICATIONS				RXYQ30M9W1B	RXYQ32M9W1B	RXYQ34M9W1B	RXYQ36M9W1B	RXYQ38M9W1B
Capacity	Cooling		kW	85.00	90.00	96.00	101.00	106.50
	Heating		kW	95.00	100.00	108.00	113.00	119.00
Capacity range			HP	30	32	34	36	38
Power input (Nominal)	Cooling		kW	29.40	32.00	29.40	32.00	33.20
	Heating		kW	24.90	26.40	27.00	28.50	30.10
Max n° of indoor units to be connected				32	32	34	36	38
Tot cap index of indoor units to be connected				975	1040	1105	1170	1235
Casing	Colour			Daikin White				
	Material			Painted galvanised steel				
Fan	Type			Propeller				
	Quantity			2	2	3	3	3
	Air Flow Rate (nominal)	Cooling	m³/min	420.0	420.0	570.0	570.0	600.0
		Heating	m³/min	420.0	420.0	570.0	570.0	600.0
	External static pressure		Pa	60 Pa in high static pressure				
	Discharge direction			Vertical				
	Motor	Quantity		1	1	1	1	1
		Model		Brushless DC				
		Output motor	W	750	750	750	750	750
		Speed	rpm	880	880	785	785	785
		Drive		Direct drive				
		Quantity		1	1	1	1	1
		Model		Brushless DC				
		Output motor	W	750	750	750	750	750
		Speed	rpm	880	880	785	785	880
		Drive		Direct drive				
		Quantity		-	-	1	1	1
		Model		-	-	Brushless DC	Brushless DC	Brushless DC
		Output motor	W	-	-	750	750	750
		Speed	rpm	-	-	880	880	880
		Drive		-	-	Direct drive	Direct drive	Direct drive
Compressor	Quantity			6	6	7	7	7
	Motor	Quantity		2	2	3	3	3
		Model		Inverter				
		Type		Hermetically sealed scroll compressor				
		Speed	rpm	900 ˜ 6480				
		Motor Output	kW	3.8	5.4	4.3	5.9	7.1
		Starting Method		Direct on line	Direct on line	Direct	Direct	Direct
		Crankcase Heater	W	33	33	33	33	33
		Quantity		4	4	4	4	4
		Model		ON - OFF				
		Type		Hermetically sealed scroll compressor				
		Speed	rpm	2900	2900	2900	2900	2900
		Motor Output	kW	18.0	18.0	18.0	18.0	18.0
		Starting Method		Direct on line				
		Crankcase Heater	W	33	33	33	33	33
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0
		Max	°CDB	43.0	43.0	43.0	43.0	43.0
	Heating	Min	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0
		Max	°CWB	15.0	15.0	15.5	15.5	15.5
Sound Level	Cooling	Sound Power	dBA	83.0	83.0	84.0	84.0	84.0
		Sound Pressure	dBA	63.0	63.0	64.0	64.0	64.0
Refrigerant	Name			R-410A				
	Charge		kg	24.0	24.8	28.8	29.6	31.4
	Control			Expansion valve				
	Nr of Circuits			2	2	3	3	3
Refrigerant Oil	Name			Synthetic (ether) oil				
	Charged Volume		l	Based on outdoor combination				

1-1 TECHNICAL SPECIFICATIONS				RXYQ30M9W1B	RXYQ32M9W1B	RXYQ34M9W1B	RXYQ36M9W1B	RXYQ38M9W1B
Piping connections	Liquid (OD)	Type		Braze connection				
		Diameter (OD)	mm	19.1	19.1	19.1	19.1	19.1
	Gas	Type		Braze connection				
		Diameter (OD)	mm	34.9	34.9	34.9	41.3	41.3
	Heat Insulation			Both liquid and gas pipes				
	Max total length		m	300	300	300	300	300
Defrost Method				Reversed cycle				
Defrost Control				Sensor for outdoor heat exchanger temperature				
Capacity Control Method				Inverter controlled				
Capacity Control				5 to 100				
Safety devices				HPS				
				Fan motor driver overload protector				
				Inverter overload protector				
				Over current relay				
Standard Accessories	Standard Accessories			Installation and operation manual				
	Quantity			2	2	3	3	3
	Standard Accessories			Additional refrigerant label				
	Quantity			2	2	3	3	3
	Standard Accessories			Connection pipes				
	Quantity			6	6	9	9	9
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.				
				Nominal heating capacities are based on : indoor temperature : 20°CDB, outdoor temperature : 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m, level difference : 0m				
				Sound power level is an absolute value that a sound source generates.				
				Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.				
				Sound values are measured in a semi-anechoic room.				

1

1-1 TECHNICAL SPECIFICATIONS				RXYQ40M9W1B	RXYQ42M9W1B	RXYQ44M9W1B	RXYQ46M9W1B	RXYQ48M9W1B
Capacity	Cooling		kW	113.00	118.00	123.50	130.00	135.00
	Heating		kW	126.50	131.50	137.50	145.00	150.00
Capacity range			HP	40	42	44	46	48
Power input (Nominal)	Cooling		kW	37.40	40.00	41.20	45.40	48.00
	Heating		kW	32.60	34.10	35.60	38.10	39.60
Max n° of indoor units to be connected				40	40	40	40	40
Tot cap index of indoor units to be connected				1300	1365	1430	1495	1560
Casing	Colour			Daikin White				
	Material			Painted galvanised steel				
Fan	Type			Propeller				
	Quantity			3	3	3	3	3
	Air Flow Rate (nominal)	Cooling	m³/min	600.0	600.0	630.0	630.0	630.0
		Heating	m³/min	600.0	600.0	630.0	630.0	630.0
	External static pressure		Pa	60 Pa in high static pressure				
	Discharge direction			Vertical				
	Motor	Quantity		1	1	1	1	1
		Model		Brushless DC				
		Output motor	W	750	750	750	750	750
		Speed	rpm	785	785	880	880	880
		Drive		Direct drive				
		Quantity		1	1	1	1	1
		Model		Brushless DC				
		Output motor	W	750	750	750	750	750
		Speed	rpm	880	880	880	880	880
		Drive		Direct drive				
		Quantity		1	1	1	1	1
		Model		Brushless DC				
		Output motor	W	750	750	750	750	750
		Speed	rpm	880	880	880	880	880
		Drive		Direct drive				
Compressor	Quantity			8	8	8	9	9
	Motor	Quantity		3	3	3	3	3
		Model		Inverter				
		Type		Hermetically sealed scroll compressor				
		Speed	rpm	900 ˜ 6480				
		Motor Output	kW	5.4	7.0	8.2	6.5	8.1
		Starting Method		Direct				
		Crankcase Heater	W	33	33	33	33	33
		Quantity		5	5	5	6	6
		Model		ON - OFF				
		Type		Hermetically sealed scroll compressor				
		Speed	rpm	2900	2900	2900	2900	2900
		Motor Output	kW	22.5	22.5	22.5	27.0	27.0
		Starting Method		Direct on line				
		Crankcase Heater	W	33	33	33	33	33
Operation Range	Cooling	Min	°CDB	-5.0	-5.0	-5.0	-5.0	-5.0
		Max	°CDB	43.0	43.0	43.0	43.0	43.0
	Heating	Min	°CWB	-20.0	-20.0	-20.0	-20.0	-20.0
		Max	°CWB	15.5	15.5	15.5	15.5	15.5
Sound Level	Cooling	Sound Power	dBA	84.0	84.0	85.0	85.0	85.0
		Sound Pressure	dBA	64.0	64.0	65.0	65.0	65.0
Refrigerant	Name			R-410A				
	Charge		kg	32.6	33.4	35.2	36.4	37.2
	Control			Expansion valve				
	Nr of Circuits			3	3	3	3	3
Refrigerant Oil	Name			Synthetic (ether) oil				
	Charged Volume		l	Based on outdoor combination				

1

1-1 TECHNICAL SPECIFICATIONS				RXYQ40M9W1B	RXYQ42M9W1B	RXYQ44M9W1B	RXYQ46M9W1B	RXYQ48M9W1B
Piping connections	Liquid (OD)	Type		Braze connection				
		Diameter (OD)	mm	19.1	19.1	19.1	19.1	19.1
	Gas	Type		Braze connection				
		Diameter (OD)	mm	41.3	41.3	41.3	41.3	41.3
	Heat Insulation			Both liquid and gas pipes				
	Max total length		m	300	300	300	300	300
Defrost Method				Reversed cycle				
Defrost Control				Sensor for outdoor heat exchanger temperature				
Capacity Control Method				Inverter controlled				
Capacity Control				5 to 100				
Safety devices				HPS				
				Fan motor driver overload protector				
				Inverter overload protector				
				Over current relay				
Standard Accessories	Standard Accessories			Installation and operation manual				
	Quantity			3	3	3	3	3
	Standard Accessories			Additional refrigerant label				
	Quantity			3	3	3	3	3
	Standard Accessories			Connection pipes				
	Quantity			9	9	9	9	9
Notes				Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, outdoor temperature : 35°CDB, equivalent refrigerant piping : 7.5m, level difference : 0m.				
				Nominal heating capacities are based on : indoor temperature : 20°CDB, outdoor temperature : 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m, level difference : 0m				
				Sound power level is an absolute value that a sound source generates.				
				Sound pressure level is a relative value, depending on the distance and acoustic environment. For more details, please refer to sound level drawings.				
				Sound values are measured in a semi-anechoic room.				

1

1-2 ELECTRICAL SPECIFICATIONS				RXYQ5M9W1B	RXYQ8M9W1B	RXYQ10M9W1B	RXYQ12M9W1B	RXYQ14M9W1B	RXYQ16M9W1B
Power Supply	Name			W1					
	Phase			3N					
	Frequency		Hz	50	50	50	50	50	50
	Voltage		V	400	400	400	400	400	400
Current	Nominal running current (RLA)	Cooling	A	6.50	12.00	12.60	14.90	21.50	25.30
		Heating	A	5.83	12.26	12.04	14.96	18.78	20.84
	Starting current (MSC)		A	15.00	71.00	71.00	71.00	80.00	80.00
	Minimum circuit amps (MCA)		A	12.00	19.50	22.40	22.90	31.50	31.50
	Maximum fuse amps (MFA)		A	16.00	32.00	32.00	32.00	50.00	50.00
	Total overcurrent amps (TOCA)		A	14.40	29.80	29.80	30.30	45.20	45.20
	Full load amps (FLA)		A	0.3 (fan motor)	0.7 (fan motor)	0.7 (fan motor)	1.1 (fan motor)	1.1 (fan motor)	1.1 (fan motor)
Voltage range	Minimum		V	360	360	360	360	360	360
	Maximum		V	440	440	440	440	440	440
Wiring connections	For Power Supply	Quantity		5	5	5	5	5	5
		Remark		Earth wire include					
	For connection with indoor	Quantity		2	2	2	2	2	2
		Remark		P1 - P2					
Power Supply Intake				Both indoor and outdoor unit					
Notes				MCA/MFA : MCA = 1.25 x maximum RLA + other RLA + EA FLA, MCA<= 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A					
				MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)					
				MSC means the maximum current during start up of the compressor					
				Maximum allowable voltage range variation between phases is 2%					
				RLA is based on following conditions : indoor temperature : 27°CDB/19°CWB , outdoor temperature : 35°CDB					
				Select wire size based on the value of MCA or TOCA					
				TOCA means the total value of each OC set					
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits					
				For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.					

1-2 ELECTRICAL SPECIFICATIONS				RXYQ18M9W1B	RXYQ20M9W1B	RXYQ22M9W1B	RXYQ24M9W1B	RXYQ26M9W1B	RXYQ28M9W1B
Power Supply	Name			W1					
	Phase			3N					
	Frequency		Hz	50	50	50	50	50	50
	Voltage		V	400	400	400	400	400	400
Current	Nominal running current (RLA)	Cooling	A	24.60	25.20	27.50	34.10	37.90	40.20
		Heating	A	24.21	24.07	26.99	30.82	32.91	35.79
	Starting current (MSC)		A	89.00	89.00	90.00	99.00	100.00	100.00
	Minimum circuit amps (MCA)		A	41.90	44.80	45.30	53.90	53.90	54.40
	Maximum fuse amps (MFA)		A	63.00	63.00	63.00	80.00	80.00	80.00
	Total overcurrent amps (TOCA)		A	59.50	59.50	60.00	75.00	75.00	75.50
	Full load amps (FLA)		A	1.5 (fan motor)	1.5 (fan motor)	1.8 (fan motor)	1.8 (fan motor)	1.8 (fan motor)	2.2 (fan motor)
Voltage range	Minimum		V	360	360	360	360	360	360
	Maximum		V	440	440	440	440	440	440
Wiring connections	For Power Supply	Quantity		5	5	5	5	5	5
		Remark		Earth wire include					
	For connection with indoor	Quantity		2	2	2	2	2	2
		Remark		P1 - P2					
Power Supply Intake				Both indoor and outdoor unit					
Notes				MCA/MFA : MCA = 1.25 x maximum RLA + other RLA + EA FLA, MCA<= 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A					
				MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)					
				MSC means the maximum current during start up of the compressor					
				Maximum allowable voltage range variation between phases is 2%					
				RLA is based on following conditions : indoor temperature : 27°CDB/19°CWB , outdoor temperature : 35°CDB					
				Select wire size based on the value of MCA or TOCA					
				TOCA means the total value of each OC set					
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits					
				For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.					

1-2 ELECTRICAL SPECIFICATIONS				RXYQ30M9W1B	RXYQ32M9W1B	RXYQ34M9W1B	RXYQ36M9W1B	RXYQ38M9W1B
Power Supply	Name			W1				
	Phase			3N				
	Frequency		Hz	50	50	50	50	50
	Voltage		V	400	400	400	400	400
Current	Nominal running current (RLA)	Cooling	A	46.80	50.60	46.70	50.50	52.80
		Heating	A	39.64	41.75	42.86	44.95	47.83
	Starting current (MSC)		A	109.00	110.00	118.00	118.00	118.00
	Minimum circuit amps (MCA)		A	63.00	63.00	76.30	76.30	76.80
	Maximum fuse amps (MFA)		A	100.00	100.00	100.00	100.00	100.00
	Total overcurrent amps (TOCA)		A	90.50	90.50	105.00	105.00	105.00
	Full load amps (FLA)		A	2.2 (fan motor)	2.2 (fan motor)	2.5 (fan motor)	2.5 (fan motor)	2.9 (fan motor)
Voltage range	Minimum		V	360	360	360	360	360
	Maximum		V	440	440	440	440	440
Wiring connections	For Power Supply	Quantity		5	5	5	5	5
		Remark		Earth wire include	Earth wire include	Earth wire included	Earth wire included	Earth wire included
	For connection with indoor	Quantity		2	2	2	2	2
		Remark		P1 - P2				
Power Supply Intake				Both indoor and outdoor unit				
Notes				MCA/MFA : MCA = 1.25 x maximum RLA + other RLA + EA FLA, MCA<= 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A				
				MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)				
				MSC means the maximum current during start up of the compressor				
				Maximum allowable voltage range variation between phases is 2%				
				RLA is based on following conditions : indoor temperature : 27°CDB/19°CWB , outdoor temperature : 35°CDB				
				Select wire size based on the value of MCA or TOCA				
				TOCA means the total value of each OC set				
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits				
				For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.				

1-2 ELECTRICAL SPECIFICATIONS				RXYQ40M9W1B	RXYQ42M9W1B	RXYQ44M9W1B	RXYQ46M9W1B	RXYQ48M9W1B
Power Supply	Name			W1				
	Phase			3N				
	Frequency		Hz	50	50	50	50	50
	Voltage		V	400	400	400	400	400
Current	Nominal running current (RLA)	Cooling	A	59.40	63.20	65.50	72.10	75.90
		Heating	A	51.68	53.79	56.65	60.51	62.62
	Starting current (MSC)		A	128.00	129.00	129.00	138.00	139.00
	Minimum circuit amps (MCA)		A	85.40	85.40	85.90	95.00	95.00
	Maximum fuse amps (MFA)		A	125.00	125.00	125.00	125.00	125.00
	Total overcurrent amps (TOCA)		A	120.00	120.00	121.00	136.00	136.00
	Full load amps (FLA)		A	2.9 (fan motor)	2.9 (fan motor)	3.3 (fan motor)	3.3 (fan motor)	3.3 (fan motor)
Voltage range	Minimum		V	360	360	360	360	360
	Maximum		V	440	440	440	440	440
Wiring connections	For Power Supply	Quantity		5	5	5	5	5
		Remark		Earth wire included				
	For connection with indoor	Quantity		2	2	2	2	2
		Remark		P1 - P2				
Power Supply Intake				Both indoor and outdoor unit				
Notes				MCA/MFA : MCA = 1.25 x maximum RLA + other RLA + EA FLA, MCA<= 2.25 x maximum RLA + other RLA + EA FLA, next lower standard fuse rating minimum 16A				
				MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker)				
				MSC means the maximum current during start up of the compressor				
				Maximum allowable voltage range variation between phases is 2%				
				RLA is based on following conditions : indoor temperature : 27°CDB/19°CWB , outdoor temperature : 35°CDB				
				Select wire size based on the value of MCA or TOCA				
				TOCA means the total value of each OC set				
				Voltage range : units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits				
				For more details concerning conditional connections, see http://www.daikineurope.com/extranet, select "Daikin Documentation" and select "conditional connection", "the requested product type" and "English" from the drop down lists, click the search button. Finally, click on the document title of your choice.				

2 Options

No	Item	RXYQ5M	RXYQ8,10M	RXYQ12,14,16M	RXYQ18～48M
1	COOL/HEAT SELECTOR	KRC19-26A			
2	FIXING BOX	KJB111A			
3	REFNET HEADER	KHRQ22M29H	KHRQ22M29H	KHRQ22M29H	KHRQ22M29H
				KHRQ22M64H	KHRQ22M64H
					KHRQ22M75H
4	REFNET JOINT	KHRQ22M20T	KHRQ22M20T	KHRQ22M20T	KHRQ22M20T
			KHRQ22M29T	KHRQ22M29T	KHRQ22M29T
				KHRQ22M64T	KHRQ22M64T
					KHRQ22M75T
5	OUTDOOR UNIT MULTI CONNECTION KIT FOR 2 OUTDOOR UNITS	-	-	-	BHFQ22M909
6	OUTDOOR UNIT MULTI CONNECTION KIT FOR 3 OUTDOOR UNITS	-	-	-	BHFQ22M1359
7	CENTRAL DRAIN PAN KIT	KWC26B160	KWC26B280	KWC26B450	See note 2

4TW26671-1

NOTES

1 All options are kits

2 Central drain pan kit shall be combined based on the outdoor multi connection table.

2

3 Capacity tables

3 - 1 Cooling capacity tables

5HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	162.5	10	12.3	1.91	14.6	2.33	17.0	2.78	17.6	2.83	17.9	2.78	18.3	2.66	18.7	2.54
		12	12.3	1.94	14.6	2.38	17.0	2.83	17.4	2.82	17.6	2.76	18.1	2.64	18.5	2.60
		14	12.3	1.98	14.6	2.42	17.0	2.86	17.2	2.80	17.4	2.74	17.8	2.72	18.3	2.75
		16	12.3	2.02	14.6	2.47	16.7	2.85	16.9	2.83	17.2	2.84	17.6	2.87	18.1	2.90
		18	12.3	2.06	14.6	2.52	16.5	2.96	16.7	2.97	16.9	2.99	17.4	3.02	17.8	3.05
		20	12.3	2.10	14.6	2.68	16.3	3.10	16.5	3.12	16.7	3.13	17.2	3.16	17.6	3.20
		21	12.3	2.16	14.6	2.78	16.2	3.18	16.4	3.19	16.6	3.21	17.0	3.24	17.5	3.27
		23	12.3	2.31	14.6	2.98	15.9	3.32	16.2	3.34	16.4	3.35	16.8	3.39	17.3	3.42
		25	12.3	2.47	14.6	3.19	15.7	3.47	15.9	3.48	16.1	3.50	16.6	3.54	17.0	3.57
		27	12.3	2.64	14.6	3.41	15.5	3.61	15.7	3.63	15.9	3.65	16.4	3.69	16.8	3.73
		29	12.3	2.81	14.6	3.65	15.2	3.76	15.5	3.78	15.7	3.80	16.1	3.84	16.6	3.88
		31	12.3	3.00	14.6	3.86	15.0	3.90	15.2	3.93	15.5	3.95	15.9	3.99	16.3	4.03
		33	12.3	3.20	14.3	4.01	14.8	4.05	15.0	4.07	15.2	4.10	15.7	4.14	16.1	4.19
		35	12.3	3.41	14.1	4.15	14.6	4.20	14.8	4.22	15.0	4.25	15.5	4.30	15.9	4.34
		37	12.3	3.63	13.9	4.30	14.3	4.35	14.6	4.37	14.8	4.40	15.2	4.45	15.7	4.50
		39	12.3	3.86	13.7	4.45	14.1	4.50	14.3	4.53	14.6	4.55	15.0	4.61	15.4	4.66
120%	150	10	11.3	1.74	13.5	2.13	15.7	2.53	16.8	2.73	17.6	2.85	18.0	2.74	18.4	2.63
		12	11.3	1.77	13.5	2.17	15.7	2.58	16.8	2.79	17.3	2.83	17.8	2.73	18.2	2.62
		14	11.3	1.81	13.5	2.21	15.7	2.63	16.8	2.84	17.1	2.82	17.5	2.71	17.9	2.73
		16	11.3	1.84	13.5	2.25	15.7	2.68	16.7	2.86	16.9	2.83	17.3	2.85	17.7	2.88
		18	11.3	1.88	13.5	2.30	15.7	2.77	16.5	2.96	16.7	2.97	17.1	3.00	17.5	3.02
		20	11.3	1.91	13.5	2.39	15.7	2.98	16.2	3.10	16.4	3.11	16.8	3.14	17.3	3.17
		21	11.3	1.93	13.5	2.47	15.7	3.09	16.1	3.17	16.3	3.19	16.7	3.22	17.1	3.25
		23	11.3	2.06	13.5	2.65	15.7	3.30	15.9	3.32	16.1	3.33	16.5	3.36	16.9	3.40
		25	11.3	2.21	13.5	2.83	15.5	3.45	15.7	3.46	15.9	3.48	16.3	3.51	16.7	3.54
		27	11.3	2.35	13.5	3.03	15.2	3.59	15.4	3.61	15.6	3.63	16.0	3.66	16.5	3.70
		29	11.3	2.51	13.5	3.24	15.0	3.74	15.2	3.75	15.4	3.77	15.8	3.81	16.2	3.85
		31	11.3	2.68	13.5	3.45	14.8	3.88	15.0	3.90	15.2	3.92	15.6	3.96	16.0	4.00
		33	11.3	2.85	13.5	3.69	14.5	4.03	14.8	4.05	15.0	4.07	15.4	4.11	15.8	4.15
		35	11.3	3.03	13.5	3.93	14.3	4.17	14.5	4.20	14.7	4.22	15.1	4.26	15.5	4.31
		37	11.3	3.23	13.5	4.19	14.1	4.32	14.3	4.35	14.5	4.37	14.9	4.41	15.3	4.46
		39	11.3	3.44	13.5	4.42	13.9	4.47	14.1	4.49	14.3	4.52	14.7	4.57	15.1	4.62
110%	137.5	10	10.4	1.58	12.4	1.93	14.4	2.29	15.4	2.47	16.4	2.66	17.7	2.82	18.0	2.73
		12	10.4	1.61	12.4	1.96	14.4	2.33	15.4	2.52	16.4	2.71	17.4	2.81	17.8	2.71
		14	10.4	1.64	12.4	2.00	14.4	2.38	15.4	2.57	16.4	2.76	17.2	2.79	17.6	2.71
		16	10.4	1.67	12.4	2.04	14.4	2.42	15.4	2.62	16.4	2.82	17.0	2.83	17.4	2.85
		18	10.4	1.70	12.4	2.08	14.4	2.47	15.4	2.69	16.4	2.95	16.8	2.98	17.1	3.00
		20	10.4	1.73	12.4	2.12	14.4	2.62	15.4	2.89	16.2	3.09	16.5	3.12	16.9	3.15
		21	10.4	1.75	12.4	2.18	14.4	2.71	15.4	2.99	16.0	3.17	16.4	3.19	16.8	3.22
		23	10.4	1.83	12.4	2.34	14.4	2.90	15.4	3.21	15.8	3.31	16.2	3.34	16.6	3.37
		25	10.4	1.96	12.4	2.50	14.4	3.11	15.4	3.44	15.6	3.46	16.0	3.49	16.3	3.52
		27	10.4	2.09	12.4	2.67	14.4	3.33	15.2	3.59	15.4	3.60	15.7	3.63	16.1	3.67
		29	10.4	2.23	12.4	2.85	14.4	3.55	14.9	3.73	15.1	3.75	15.5	3.78	15.9	3.82
		31	10.4	2.37	12.4	3.04	14.4	3.80	14.7	3.88	14.9	3.89	15.3	3.93	15.7	3.97
		33	10.4	2.52	12.4	3.24	14.3	4.00	14.5	4.02	14.7	4.04	15.1	4.08	15.4	4.12
		35	10.4	2.68	12.4	3.45	14.1	4.15	14.3	4.17	14.4	4.19	14.8	4.23	15.2	4.27
		37	10.4	2.85	12.4	3.68	13.8	4.29	14.0	4.32	14.2	4.34	14.6	4.38	15.0	4.42
		39	10.4	3.03	12.4	3.92	13.6	4.44	13.8	4.46	14.0	4.49	14.4	4.53	14.7	4.58
100%	125	10	9.45	1.43	11.3	1.73	13.1	2.05	14.0	2.21	14.9	2.38	16.7	2.72	17.7	2.82
		12	9.45	1.45	11.3	1.76	13.1	2.09	14.0	2.26	14.9	2.43	16.7	2.77	17.5	2.80
		14	9.45	1.48	11.3	1.79	13.1	2.13	14.0	2.30	14.9	2.47	16.7	2.83	17.2	2.79
		16	9.45	1.50	11.3	1.83	13.1	2.17	14.0	2.34	14.9	2.52	16.7	2.86	17.0	2.83
		18	9.45	1.53	11.3	1.86	13.1	2.21	14.0	2.39	14.9	2.57	16.4	2.96	16.8	2.98
		20	9.45	1.56	11.3	1.90	13.1	2.28	14.0	2.51	14.9	2.75	16.2	3.10	16.6	3.12
		21	9.45	1.58	11.3	1.92	13.1	2.36	14.0	2.60	14.9	2.85	16.1	3.17	16.4	3.20
		23	9.45	1.62	11.3	2.05	13.1	2.53	14.0	2.79	14.9	3.06	15.9	3.32	16.2	3.34
		25	9.45	1.73	11.3	2.19	13.1	2.70	14.0	2.98	14.9	3.28	15.6	3.46	16.0	3.49
		27	9.45	1.84	11.3	2.33	13.1	2.89	14.0	3.19	14.9	3.51	15.4	3.61	15.8	3.64
		29	9.45	1.96	11.3	2.49	13.1	3.09	14.0	3.41	14.9	3.72	15.2	3.75	15.5	3.78
		31	9.45	2.09	11.3	2.65	13.1	3.29	14.0	3.64	14.6	3.87	15.0	3.90	15.3	3.93
		33	9.45	2.22	11.3	2.83	13.1	3.51	14.0	3.88	14.4	4.01	14.7	4.05	15.1	4.08
		35	9.45	2.36	11.3	3.01	13.1	3.74	14.0	4.14	14.2	4.16	14.5	4.19	14.9	4.23
		37	9.45	2.50	11.3	3.20	13.1	3.99	13.8	4.29	13.9	4.31	14.3	4.34	14.6	4.38
		39	9.45	2.66	11.3	3.41	13.1	4.25	13.5	4.43	13.7	4.45	14.1	4.49	14.4	4.53
90%	112.5	10	8.50	1.28	10.1	1.54	11.8	1.82	12.6	1.96	13.4	2.11	15.1	2.41	16.7	2.72
		12	8.50	1.30	10.1	1.57	11.8	1.85	12.6	2.00	13.4	2.15	15.1	2.45	16.7	2.77
		14	8.50	1.32	10.1	1.60	11.8	1.89	12.6	2.04	13.4	2.19	15.1	2.50	16.7	2.82
		16	8.50	1.34	10.1	1.63	11.8	1.92	12.6	2.08	13.4	2.23	15.1	2.55	16.7	2.87
		18	8.50	1.37	10.1	1.66	11.8	1.96	12.6	2.12	13.4	2.28	15.1	2.60	16.4	2.96
		20	8.50	1.39	10.1	1.69	11.8	2.00	12.6	2.16	13.4	2.36	15.1	2.80	16.2	3.10
		21	8.50	1.41	10.1	1.70	11.8	2.03	12.6	2.23	13.4	2.45	15.1	2.90	16.1	3.17
		23	8.50	1.43	10.1	1.78	11.8	2.18	12.6	2.39	13.4	2.62	15.1	3.11	15.9	3.32
		25	8.50	1.51	10.1	1.90	11.8	2.33	12.6	2.56	13.4	2.80	15.1	3.33	15.6	3.46
		27	8.50	1.61	10.1	2.02	11.8	2.48	12.6	2.73	13.4	3.00	15.1	3.56	15.4	3.61
		29	8.50	1.71	10.1	2.15	11.8	2.65	12.6	2.92	13.4	3.20	14.9	3.72	15.2	3.75
		31	8.50	1.82	10.1	2.29	11.8	2.83	12.6	3.11	13.4	3.42	14.7	3.87	15.0	3.90
		33	8.50	1.93	10.1	2.44	11.8	3.01	12.6	3.32	13.4	3.64	14.4	4.01	14.7	4.05
		35	8.50	2.05	10.1	2.60	11.8	3.21	12.6	3.54	13.4	3.88	14.2	4.16	14.5	4.19
		37	8.50	2.18	10.1	2.76	11.8	3.41	12.6	3.77	13.4	4.14	14.0	4.31	14.3	4.34
		39	8.50	2.31	10.1	2.93	11.8	3.63	12.6	4.01	13.4	4.41	13.7	4.46	14.0	4.49

3 Capacity tables

3 - 1 Cooling capacity tables

5HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	100	10	7.56	1.13	9.02	1.36	10.5	1.59	11.2	1.72	11.9	1.84	13.4	2.10	14.8	2.37
		12	7.56	1.15	9.02	1.38	10.5	1.62	11.2	1.75	11.9	1.88	13.4	2.14	14.8	2.41
		14	7.56	1.17	9.02	1.40	10.5	1.65	11.2	1.78	11.9	1.91	13.4	2.18	14.8	2.46
		16	7.56	1.19	9.02	1.43	10.5	1.68	11.2	1.82	11.9	1.95	13.4	2.23	14.8	2.51
		18	7.56	1.21	9.02	1.46	10.5	1.72	11.2	1.85	11.9	1.99	13.4	2.27	14.8	2.56
		20	7.56	1.23	9.02	1.48	10.5	1.75	11.2	1.89	11.9	2.03	13.4	2.35	14.8	2.74
		21	7.56	1.24	9.02	1.50	10.5	1.77	11.2	1.91	11.9	2.07	13.4	2.44	14.8	2.83
		23	7.56	1.27	9.02	1.53	10.5	1.85	11.2	2.03	11.9	2.21	13.4	2.61	14.8	3.04
		25	7.56	1.31	9.02	1.63	10.5	1.98	11.2	2.17	11.9	2.37	13.4	2.79	14.8	3.25
		27	7.56	1.39	9.02	1.73	10.5	2.11	11.2	2.31	11.9	2.53	13.4	2.99	14.8	3.48
		29	7.56	1.48	9.02	1.84	10.5	2.25	11.2	2.47	11.9	2.70	13.4	3.19	14.8	3.72
		31	7.56	1.57	9.02	1.96	10.5	2.40	11.2	2.63	11.9	2.88	13.4	3.40	14.6	3.87
		33	7.56	1.67	9.02	2.08	10.5	2.55	11.2	2.80	11.9	3.07	13.4	3.63	14.4	4.01
		35	7.56	1.77	9.02	2.21	10.5	2.71	11.2	2.98	11.9	3.26	13.4	3.87	14.2	4.16
		37	7.56	1.87	9.02	2.35	10.5	2.88	11.2	3.17	11.9	3.48	13.4	4.12	13.9	4.30
		39	7.56	1.98	9.02	2.50	10.5	3.07	11.2	3.38	11.9	3.70	13.4	4.39	13.7	4.45
70%	87.5	10	6.61	1.00	7.89	1.18	9.16	1.38	9.80	1.48	10.4	1.59	11.7	1.81	13.0	2.03
		12	6.61	1.01	7.89	1.20	9.16	1.40	9.80	1.51	10.4	1.62	11.7	1.84	13.0	2.07
		14	6.61	1.03	7.89	1.22	9.16	1.43	9.80	1.54	10.4	1.65	11.7	1.87	13.0	2.11
		16	6.61	1.04	7.89	1.24	9.16	1.46	9.80	1.57	10.4	1.68	11.7	1.91	13.0	2.15
		18	6.61	1.06	7.89	1.27	9.16	1.48	9.80	1.59	10.4	1.71	11.7	1.95	13.0	2.19
		20	6.61	1.08	7.89	1.29	9.16	1.51	9.80	1.63	10.4	1.74	11.7	1.99	13.0	2.25
		21	6.61	1.09	7.89	1.30	9.16	1.52	9.80	1.64	10.4	1.76	11.7	2.02	13.0	2.33
		23	6.61	1.11	7.89	1.32	9.16	1.56	9.80	1.70	10.4	1.84	11.7	2.16	13.0	2.50
		25	6.61	1.13	7.89	1.38	9.16	1.66	9.80	1.81	10.4	1.97	11.7	2.31	13.0	2.67
		27	6.61	1.19	7.89	1.46	9.16	1.77	9.80	1.93	10.4	2.10	11.7	2.46	13.0	2.86
		29	6.61	1.26	7.89	1.56	9.16	1.88	9.80	2.06	10.4	2.24	11.7	2.63	13.0	3.05
		31	6.61	1.34	7.89	1.65	9.16	2.00	9.80	2.19	10.4	2.39	11.7	2.80	13.0	3.25
		33	6.61	1.42	7.89	1.76	9.16	2.13	9.80	2.33	10.4	2.54	11.7	2.99	13.0	3.47
		35	6.61	1.50	7.89	1.86	9.16	2.26	9.80	2.48	10.4	2.70	11.7	3.18	13.0	3.70
		37	6.61	1.59	7.89	1.98	9.16	2.40	9.80	2.63	10.4	2.87	11.7	3.38	13.0	3.94
		39	6.61	1.69	7.89	2.09	9.16	2.55	9.80	2.80	10.4	3.05	11.7	3.60	13.0	4.20
60%	75	10	5.67	0.87	6.76	1.02	7.85	1.18	8.40	1.26	8.95	1.35	10.0	1.52	11.1	1.71
		12	5.67	0.88	6.76	1.03	7.85	1.20	8.40	1.28	8.95	1.37	10.0	1.55	11.1	1.74
		14	5.67	0.89	6.76	1.05	7.85	1.22	8.40	1.30	8.95	1.39	10.0	1.58	11.1	1.77
		16	5.67	0.91	6.76	1.07	7.85	1.24	8.40	1.33	8.95	1.42	10.0	1.61	11.1	1.80
		18	5.67	0.92	6.76	1.08	7.85	1.26	8.40	1.35	8.95	1.44	10.0	1.64	11.1	1.84
		20	5.67	0.93	6.76	1.10	7.85	1.28	8.40	1.38	8.95	1.47	10.0	1.67	11.1	1.87
		21	5.67	0.94	6.76	1.11	7.85	1.29	8.40	1.39	8.95	1.49	10.0	1.69	11.1	1.89
		23	5.67	0.96	6.76	1.13	7.85	1.32	8.40	1.41	8.95	1.51	10.0	1.75	11.1	2.01
		25	5.67	0.97	6.76	1.15	7.85	1.37	8.40	1.49	8.95	1.61	10.0	1.87	11.1	2.15
		27	5.67	1.01	6.76	1.22	7.85	1.46	8.40	1.58	8.95	1.71	10.0	1.99	11.1	2.29
		29	5.67	1.07	6.76	1.30	7.85	1.55	8.40	1.68	8.95	1.82	10.0	2.12	11.1	2.45
		31	5.67	1.13	6.76	1.38	7.85	1.65	8.40	1.79	8.95	1.94	10.0	2.26	11.1	2.61
		33	5.67	1.20	6.76	1.46	7.85	1.75	8.40	1.90	8.95	2.06	10.0	2.41	11.1	2.78
		35	5.67	1.26	6.76	1.54	7.85	1.85	8.40	2.02	8.95	2.19	10.0	2.56	11.1	2.96
		37	5.67	1.34	6.76	1.63	7.85	1.96	8.40	2.14	8.95	2.33	10.0	2.72	11.1	3.15
		39	5.67	1.41	6.76	1.73	7.85	2.08	8.40	2.27	8.95	2.47	10.0	2.89	11.1	3.35
50%	62.5	10	4.72	0.75	5.63	0.86	6.54	0.99	7.00	1.05	7.46	1.12	8.37	1.26	9.28	1.40
		12	4.72	0.75	5.63	0.87	6.54	1.00	7.00	1.07	7.46	1.14	8.37	1.28	9.28	1.42
		14	4.72	0.76	5.63	0.89	6.54	1.02	7.00	1.09	7.46	1.15	8.37	1.30	9.28	1.45
		16	4.72	0.78	5.63	0.90	6.54	1.03	7.00	1.10	7.46	1.17	8.37	1.32	9.28	1.47
		18	4.72	0.79	5.63	0.91	6.54	1.05	7.00	1.12	7.46	1.19	8.37	1.35	9.28	1.50
		20	4.72	0.80	5.63	0.93	6.54	1.07	7.00	1.14	7.46	1.22	8.37	1.37	9.28	1.53
		21	4.72	0.80	5.63	0.94	6.54	1.08	7.00	1.15	7.46	1.23	8.37	1.38	9.28	1.54
		23	4.72	0.81	5.63	0.95	6.54	1.10	7.00	1.17	7.46	1.25	8.37	1.41	9.28	1.58
		25	4.72	0.83	5.63	0.97	6.54	1.12	7.00	1.20	7.46	1.29	8.37	1.48	9.28	1.69
		27	4.72	0.84	5.63	1.00	6.54	1.18	7.00	1.27	7.46	1.37	8.37	1.57	9.28	1.80
		29	4.72	0.89	5.63	1.06	6.54	1.25	7.00	1.35	7.46	1.45	8.37	1.68	9.28	1.91
		31	4.72	0.94	5.63	1.12	6.54	1.32	7.00	1.43	7.46	1.54	8.37	1.78	9.28	2.03
		33	4.72	0.99	5.63	1.19	6.54	1.40	7.00	1.52	7.46	1.64	8.37	1.89	9.28	2.16
		35	4.72	1.05	5.63	1.26	6.54	1.49	7.00	1.61	7.46	1.74	8.37	2.01	9.28	2.30
		37	4.72	1.10	5.63	1.33	6.54	1.57	7.00	1.70	7.46	1.84	8.37	2.13	9.28	2.44
		39	4.72	1.16	5.63	1.40	6.54	1.66	7.00	1.80	7.46	1.95	8.37	2.26	9.28	2.59

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

8HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	260	10	19.7	2.73	23.4	3.34	27.2	3.97	28.2	4.05	28.6	3.97	29.3	3.80	30.0	3.63
		12	19.7	2.78	23.4	3.40	27.2	4.04	27.8	4.03	28.2	3.95	28.9	3.78	29.6	3.72
		14	19.7	2.83	23.4	3.46	27.1	4.09	27.5	4.01	27.8	3.92	28.5	3.89	29.3	3.93
		16	19.7	2.88	23.4	3.53	26.8	4.07	27.1	4.05	27.5	4.06	28.2	4.10	28.9	4.14
		18	19.7	2.94	23.4	3.60	26.4	4.23	26.8	4.25	27.1	4.27	27.8	4.31	28.5	4.36
		20	19.7	3.00	23.4	3.84	26.0	4.44	26.4	4.46	26.7	4.48	27.5	4.53	28.2	4.57
		21	19.7	3.08	23.4	3.98	25.9	4.54	26.2	4.56	26.6	4.59	27.3	4.63	28.0	4.68
		23	19.7	3.30	23.4	4.26	25.5	4.75	25.8	4.77	26.2	4.80	26.9	4.84	27.6	4.89
		25	19.7	3.53	23.4	4.56	25.1	4.96	25.5	4.98	25.8	5.01	26.5	5.06	27.3	5.11
		27	19.7	3.77	23.4	4.88	24.8	5.16	25.1	5.19	25.5	5.22	26.2	5.27	26.9	5.33
		29	19.7	4.02	23.4	5.22	24.4	5.37	24.8	5.40	25.1	5.43	25.8	5.49	26.5	5.55
		31	19.7	4.29	23.3	5.52	24.0	5.58	24.4	5.61	24.7	5.64	25.4	5.71	26.2	5.77
		33	19.7	4.57	23.0	5.73	23.7	5.79	24.0	5.83	24.4	5.86	25.1	5.92	25.8	5.99
		35	19.7	4.87	22.6	5.94	23.3	6.01	23.7	6.04	24.0	6.07	24.7	6.14	25.4	6.21
		37	19.7	5.19	22.2	6.15	22.9	6.22	23.3	6.26	23.6	6.29	24.4	6.36	25.1	6.44
		39	19.7	5.52	21.9	6.36	22.6	6.43	22.9	6.47	23.3	6.51	24.0	6.59	24.7	6.66
120%	240	10	18.1	2.49	21.6	3.04	25.1	3.62	26.9	3.91	28.1	4.07	28.8	3.92	29.4	3.77
		12	18.1	2.54	21.6	3.10	25.1	3.69	26.9	3.98	27.8	4.05	28.4	3.90	29.1	3.74
		14	18.1	2.58	21.6	3.16	25.1	3.76	26.9	4.06	27.4	4.03	28.0	3.87	28.7	3.90
		16	18.1	2.63	21.6	3.22	25.1	3.83	26.7	4.09	27.0	4.04	27.7	4.08	28.3	4.11
		18	18.1	2.68	21.6	3.28	25.1	3.96	26.3	4.23	26.7	4.25	27.3	4.28	28.0	4.32
		20	18.1	2.74	21.6	3.41	25.1	4.26	26.0	4.43	26.3	4.45	27.0	4.49	27.6	4.54
		21	18.1	2.76	21.6	3.54	25.1	4.41	25.8	4.54	26.1	4.56	26.8	4.60	27.4	4.64
		23	18.1	2.95	21.6	3.79	25.1	4.72	25.4	4.74	25.8	4.77	26.4	4.81	27.1	4.85
		25	18.1	3.15	21.6	4.05	24.7	4.93	25.1	4.95	25.4	4.97	26.0	5.02	26.7	5.07
		27	18.1	3.37	21.6	4.33	24.4	5.13	24.7	5.16	25.0	5.18	25.7	5.23	26.3	5.28
		29	18.1	3.59	21.6	4.63	24.0	5.34	24.3	5.37	24.7	5.39	25.3	5.45	26.0	5.50
		31	18.1	3.83	21.6	4.94	23.6	5.55	24.0	5.58	24.3	5.61	24.9	5.66	25.6	5.72
		33	18.1	4.08	21.6	5.27	23.3	5.76	23.6	5.79	23.9	5.82	24.6	5.88	25.2	5.94
		35	18.1	4.34	21.6	5.62	22.9	5.97	23.2	6.00	23.6	6.03	24.2	6.09	24.9	6.16
		37	18.1	4.62	21.6	5.99	22.5	6.18	22.9	6.21	23.2	6.25	23.9	6.31	24.5	6.38
		39	18.1	4.91	21.5	6.32	22.2	6.39	22.5	6.43	22.8	6.46	23.5	6.53	24.1	6.60
110%	220	10	16.6	2.26	19.8	2.75	23.0	3.27	24.6	3.54	26.2	3.80	28.3	4.04	28.9	3.90
		12	16.6	2.30	19.8	2.81	23.0	3.33	24.6	3.60	26.2	3.88	27.9	4.02	28.5	3.87
		14	16.6	2.34	19.8	2.86	23.0	3.40	24.6	3.67	26.2	3.95	27.5	4.00	28.1	3.87
		16	16.6	2.39	19.8	2.91	23.0	3.46	24.6	3.74	26.2	4.03	27.2	4.05	27.8	4.08
		18	16.6	2.43	19.8	2.97	23.0	3.53	24.6	3.85	26.2	4.22	26.8	4.26	27.4	4.29
		20	16.6	2.48	19.8	3.03	23.0	3.74	24.6	4.13	25.9	4.43	26.5	4.46	27.1	4.50
		21	16.6	2.51	19.8	3.12	23.0	3.87	24.6	4.28	25.7	4.53	26.3	4.57	26.9	4.61
		23	16.6	2.62	19.8	3.34	23.0	4.15	24.6	4.59	25.3	4.73	25.9	4.78	26.5	4.82
		25	16.6	2.80	19.8	3.58	23.0	4.45	24.6	4.92	24.9	4.94	25.5	4.99	26.1	5.03
		27	16.6	2.99	19.8	3.82	23.0	4.76	24.3	5.13	24.6	5.15	25.2	5.20	25.8	5.24
		29	16.6	3.18	19.8	4.08	23.0	5.08	23.9	5.33	24.2	5.36	24.8	5.41	25.4	5.46
		31	16.6	3.39	19.8	4.35	23.0	5.43	23.5	5.54	23.8	5.57	24.4	5.62	25.0	5.67
		33	16.6	3.61	19.8	4.63	22.9	5.72	23.2	5.75	23.5	5.78	24.1	5.83	24.7	5.89
		35	16.6	3.84	19.8	4.94	22.5	5.93	22.8	5.96	23.1	5.99	23.7	6.05	24.3	6.10
		37	16.6	4.08	19.8	5.26	22.2	6.14	22.5	6.17	22.8	6.20	23.4	6.26	24.0	6.32
		39	16.6	4.34	19.8	5.60	21.8	6.35	22.1	6.38	22.4	6.41	23.0	6.48	23.6	6.54
100%	200	10	15.1	2.04	18.0	2.47	20.9	2.93	22.4	3.17	23.9	3.41	26.8	3.89	28.3	4.03
		12	15.1	2.08	18.0	2.52	20.9	2.99	22.4	3.23	23.9	3.47	26.8	3.97	28.0	4.01
		14	15.1	2.11	18.0	2.57	20.9	3.04	22.4	3.29	23.9	3.54	26.8	4.04	27.6	3.99
		16	15.1	2.15	18.0	2.61	20.9	3.10	22.4	3.35	23.9	3.61	26.7	4.10	27.2	4.05
		18	15.1	2.19	18.0	2.66	20.9	3.16	22.4	3.42	23.9	3.68	26.3	4.23	26.9	4.26
		20	15.1	2.23	18.0	2.72	20.9	3.26	22.4	3.59	23.9	3.94	26.0	4.43	26.5	4.47
		21	15.1	2.25	18.0	2.74	20.9	3.37	22.4	3.72	23.9	4.08	25.8	4.53	26.3	4.57
		23	15.1	2.31	18.0	2.93	20.9	3.61	22.4	3.99	23.9	4.38	25.4	4.74	25.9	4.78
		25	15.1	2.47	18.0	3.13	20.9	3.87	22.4	4.27	23.9	4.69	25.0	4.95	25.6	4.99
		27	15.1	2.63	18.0	3.34	20.9	4.13	22.4	4.56	23.9	5.01	24.7	5.16	25.2	5.20
		29	15.1	2.80	18.0	3.56	20.9	4.41	22.4	4.87	23.8	5.32	24.3	5.37	24.9	5.41
		31	15.1	2.98	18.0	3.79	20.9	4.71	22.4	5.20	23.4	5.53	23.9	5.58	24.5	5.62
		33	15.1	3.17	18.0	4.04	20.9	5.02	22.4	5.55	23.0	5.74	23.6	5.79	24.1	5.84
		35	15.1	3.37	18.0	4.30	20.9	5.35	22.4	5.92	22.7	5.95	23.2	6.00	23.8	6.05
		37	15.1	3.58	18.0	4.58	20.9	5.70	22.0	6.13	22.3	6.16	22.9	6.21	23.4	6.27
		39	15.1	3.80	18.0	4.87	20.9	6.07	21.7	6.34	21.9	6.37	22.5	6.43	23.0	6.48
90%	180	10	13.6	1.83	16.2	2.20	18.8	2.60	20.2	2.81	21.5	3.02	24.1	3.44	26.7	3.88
		12	13.6	1.86	16.2	2.24	18.8	2.65	20.2	2.86	21.5	3.07	24.1	3.51	26.7	3.96
		14	13.6	1.89	16.2	2.28	18.8	2.70	20.2	2.91	21.5	3.13	24.1	3.58	26.7	4.03
		16	13.6	1.92	16.2	2.32	18.8	2.75	20.2	2.97	21.5	3.19	24.1	3.65	26.7	4.10
		18	13.6	1.96	16.2	2.37	18.8	2.80	20.2	3.03	21.5	3.25	24.1	3.72	26.3	4.23
		20	13.6	1.99	16.2	2.41	18.8	2.86	20.2	3.09	21.5	3.38	24.1	4.00	25.9	4.43
		21	13.6	2.01	16.2	2.44	18.8	2.91	20.2	3.20	21.5	3.50	24.1	4.14	25.8	4.53
		23	13.6	2.05	16.2	2.54	18.8	3.11	20.2	3.42	21.5	3.75	24.1	4.44	25.4	4.74
		25	13.6	2.16	16.2	2.71	18.8	3.33	20.2	3.66	21.5	4.01	24.1	4.76	25.0	4.95
		27	13.6	2.30	16.2	2.89	18.8	3.55	20.2	3.91	21.5	4.29	24.1	5.09	24.7	5.16
		29	13.6	2.45	16.2	3.08	18.8	3.79	20.2	4.17	21.5	4.58	23.8	5.33	24.3	5.37
		31	13.6	2.60	16.2	3.28	18.8	4.04	20.2	4.45	21.5	4.88	23.4	5.53	23.9	5.58
		33	13.6	2.76	16.2	3.49	18.8	4.31	20.2	4.75	21.5	5.21	23.1	5.74	23.6	5.79
		35	13.6	2.93	16.2	3.71	18.8	4.59	20.2	5.06	21.5	5.55	22.7	5.95	23.2	6.00
		37	13.6	3.11	16.2	3.95	18.8	4.88	20.2	5.39	21.5	5.92	22.4	6.16	22.8	6.21
		39	13.6	3.30	16.2	4.19	18.8	5.19	20.2	5.74	21.5	6.31	22.0	6.37	22.5	6.42

3 Capacity tables

3 - 1 Cooling capacity tables

8HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	160	10	12.1	1.62	14.4	1.94	16.8	2.28	17.9	2.46	19.1	2.64	21.4	3.01	23.7	3.39
		12	12.1	1.65	14.4	1.97	16.8	2.32	17.9	2.50	19.1	2.69	21.4	3.06	23.7	3.45
		14	12.1	1.67	14.4	2.01	16.8	2.36	17.9	2.55	19.1	2.74	21.4	3.12	23.7	3.52
		16	12.1	1.70	14.4	2.04	16.8	2.41	17.9	2.60	19.1	2.79	21.4	3.18	23.7	3.59
		18	12.1	1.73	14.4	2.08	16.8	2.45	17.9	2.65	19.1	2.84	21.4	3.24	23.7	3.66
		20	12.1	1.76	14.4	2.12	16.8	2.50	17.9	2.70	19.1	2.90	21.4	3.36	23.7	3.91
		21	12.1	1.78	14.4	2.14	16.8	2.53	17.9	2.73	19.1	2.96	21.4	3.48	23.7	4.05
		23	12.1	1.81	14.4	2.18	16.8	2.65	17.9	2.90	19.1	3.17	21.4	3.73	23.7	4.35
		25	12.1	1.87	14.4	2.32	16.8	2.83	17.9	3.10	19.1	3.39	21.4	3.99	23.7	4.65
		27	12.1	1.99	14.4	2.48	16.8	3.02	17.9	3.31	19.1	3.62	21.4	4.27	23.7	4.98
		29	12.1	2.11	14.4	2.64	16.8	3.22	17.9	3.53	19.1	3.86	21.4	4.56	23.7	5.32
		31	12.1	2.24	14.4	2.80	16.8	3.43	17.9	3.76	19.1	4.11	21.4	4.87	23.4	5.53
		33	12.1	2.38	14.4	2.98	16.8	3.65	17.9	4.01	19.1	4.38	21.4	5.19	23.0	5.74
		35	12.1	2.53	14.4	3.17	16.8	3.88	17.9	4.26	19.1	4.67	21.4	5.53	22.7	5.94
		37	12.1	2.68	14.4	3.36	16.8	4.13	17.9	4.54	19.1	4.97	21.4	5.90	22.3	6.15
		39	12.1	2.84	14.4	3.57	16.8	4.39	17.9	4.83	19.1	5.29	21.4	6.28	21.9	6.36
70%	140	10	10.6	1.43	12.6	1.69	14.7	1.97	15.7	2.12	16.7	2.27	18.7	2.58	20.8	2.90
		12	10.6	1.45	12.6	1.72	14.7	2.01	15.7	2.16	16.7	2.31	18.7	2.63	20.8	2.96
		14	10.6	1.47	12.6	1.75	14.7	2.04	15.7	2.20	16.7	2.36	18.7	2.68	20.8	3.01
		16	10.6	1.49	12.6	1.78	14.7	2.08	15.7	2.24	16.7	2.40	18.7	2.73	20.8	3.07
		18	10.6	1.52	12.6	1.81	14.7	2.12	15.7	2.28	16.7	2.44	18.7	2.78	20.8	3.13
		20	10.6	1.54	12.6	1.84	14.7	2.16	15.7	2.32	16.7	2.49	18.7	2.84	20.8	3.22
		21	10.6	1.56	12.6	1.86	14.7	2.18	15.7	2.35	16.7	2.52	18.7	2.88	20.8	3.34
		23	10.6	1.58	12.6	1.89	14.7	2.22	15.7	2.43	16.7	2.64	18.7	3.09	20.8	3.57
		25	10.6	1.61	12.6	1.97	14.7	2.37	15.7	2.59	16.7	2.82	18.7	3.30	20.8	3.82
		27	10.6	1.70	12.6	2.09	14.7	2.53	15.7	2.76	16.7	3.00	18.7	3.52	20.8	4.08
		29	10.6	1.81	12.6	2.23	14.7	2.69	15.7	2.94	16.7	3.20	18.7	3.76	20.8	4.36
		31	10.6	1.92	12.6	2.37	14.7	2.86	15.7	3.13	16.7	3.41	18.7	4.01	20.8	4.65
		33	10.6	2.03	12.6	2.51	14.7	3.04	15.7	3.33	16.7	3.63	18.7	4.27	20.8	4.96
		35	10.6	2.15	12.6	2.66	14.7	3.23	15.7	3.54	16.7	3.86	18.7	4.55	20.8	5.29
		37	10.6	2.28	12.6	2.83	14.7	3.43	15.7	3.76	16.7	4.11	18.7	4.84	20.8	5.63
		39	10.6	2.41	12.6	3.00	14.7	3.65	15.7	4.00	16.7	4.37	18.7	5.15	20.8	6.00
60%	120	10	9.1	1.24	10.8	1.46	12.6	1.68	13.4	1.80	14.3	1.93	16.1	2.18	17.8	2.44
		12	9.1	1.26	10.8	1.48	12.6	1.71	13.4	1.83	14.3	1.96	16.1	2.22	17.8	2.48
		14	9.1	1.28	10.8	1.50	12.6	1.74	13.4	1.86	14.3	1.99	16.1	2.26	17.8	2.53
		16	9.1	1.29	10.8	1.53	12.6	1.77	13.4	1.90	14.3	2.03	16.1	2.30	17.8	2.58
		18	9.1	1.31	10.8	1.55	12.6	1.80	13.4	1.93	14.3	2.07	16.1	2.34	17.8	2.63
		20	9.1	1.34	10.8	1.58	12.6	1.83	13.4	1.97	14.3	2.10	16.1	2.39	17.8	2.68
		21	9.1	1.35	10.8	1.59	12.6	1.85	13.4	1.99	14.3	2.12	16.1	2.41	17.8	2.71
		23	9.1	1.37	10.8	1.62	12.6	1.88	13.4	2.02	14.3	2.17	16.1	2.50	17.8	2.88
		25	9.1	1.39	10.8	1.65	12.6	1.96	13.4	2.13	14.3	2.30	16.1	2.67	17.8	3.07
		27	9.1	1.44	10.8	1.75	12.6	2.08	13.4	2.26	14.3	2.45	16.1	2.85	17.8	3.28
		29	9.1	1.53	10.8	1.85	12.6	2.21	13.4	2.41	14.3	2.61	16.1	3.04	17.8	3.50
		31	9.1	1.62	10.8	1.97	12.6	2.35	13.4	2.56	14.3	2.78	16.1	3.23	17.8	3.73
		33	9.1	1.71	10.8	2.08	12.6	2.50	13.4	2.72	14.3	2.95	16.1	3.44	17.8	3.97
		35	9.1	1.81	10.8	2.21	12.6	2.65	13.4	2.89	14.3	3.13	16.1	3.66	17.8	4.23
		37	9.1	1.91	10.8	2.34	12.6	2.81	13.4	3.06	14.3	3.33	16.1	3.89	17.8	4.50
		39	9.1	2.02	10.8	2.47	12.6	2.98	13.4	3.25	14.3	3.53	16.1	4.13	17.8	4.78
50%	100	10	7.56	1.07	9.0	1.23	10.5	1.41	11.2	1.50	11.9	1.60	13.4	1.80	14.8	2.00
		12	7.56	1.08	9.0	1.25	10.5	1.43	11.2	1.53	11.9	1.62	13.4	1.83	14.8	2.03
		14	7.56	1.09	9.0	1.27	10.5	1.46	11.2	1.55	11.9	1.65	13.4	1.86	14.8	2.07
		16	7.56	1.11	9.0	1.29	10.5	1.48	11.2	1.58	11.9	1.68	13.4	1.89	14.8	2.11
		18	7.56	1.12	9.0	1.31	10.5	1.50	11.2	1.60	11.9	1.71	13.4	1.92	14.8	2.15
		20	7.56	1.14	9.0	1.33	10.5	1.53	11.2	1.63	11.9	1.74	13.4	1.96	14.8	2.19
		21	7.56	1.15	9.0	1.34	10.5	1.54	11.2	1.65	11.9	1.75	13.4	1.98	14.8	2.21
		23	7.56	1.17	9.0	1.36	10.5	1.57	11.2	1.68	11.9	1.79	13.4	2.01	14.8	2.26
		25	7.56	1.18	9.0	1.38	10.5	1.60	11.2	1.71	11.9	1.84	13.4	2.12	14.8	2.41
		27	7.56	1.20	9.0	1.43	10.5	1.68	11.2	1.82	11.9	1.96	13.4	2.25	14.8	2.57
		29	7.56	1.27	9.0	1.52	10.5	1.79	11.2	1.93	11.9	2.08	13.4	2.40	14.8	2.74
		31	7.56	1.34	9.0	1.61	10.5	1.89	11.2	2.05	11.9	2.21	13.4	2.55	14.8	2.91
		33	7.56	1.42	9.0	1.70	10.5	2.01	11.2	2.17	11.9	2.34	13.4	2.70	14.8	3.09
		35	7.56	1.50	9.0	1.80	10.5	2.13	11.2	2.30	11.9	2.48	13.4	2.87	14.8	3.29
		37	7.56	1.58	9.0	1.90	10.5	2.25	11.2	2.44	11.9	2.63	13.4	3.05	14.8	3.49
		39	7.56	1.67	9.0	2.01	10.5	2.38	11.2	2.58	11.9	2.79	13.4	3.23	14.8	3.71

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	325	10	24.6	3.69	29.3	4.51	34.0	5.37	35.3	5.48	35.7	5.37	36.6	5.14	37.5	4.91
		12	24.6	3.76	29.3	4.60	34.0	5.47	34.8	5.45	35.3	5.34	36.1	5.11	37.0	5.03
		14	24.6	3.83	29.3	4.69	33.9	5.54	34.4	5.43	34.8	5.31	35.7	5.27	36.6	5.32
		16	24.6	3.90	29.3	4.78	33.5	5.51	33.9	5.47	34.3	5.50	35.2	5.55	36.1	5.60
		18	24.6	3.98	29.3	4.87	33.0	5.73	33.4	5.75	33.9	5.78	34.8	5.84	35.7	5.89
		20	24.6	4.06	29.3	5.19	32.5	6.00	33.0	6.03	33.4	6.06	34.3	6.12	35.2	6.18
		21	24.6	4.17	29.3	5.38	32.3	6.14	32.8	6.17	33.2	6.20	34.1	6.27	35.0	6.33
		23	24.6	4.46	29.3	5.77	31.9	6.42	32.3	6.46	32.7	6.49	33.6	6.55	34.5	6.62
		25	24.6	4.77	29.3	6.17	31.4	6.70	31.8	6.74	32.3	6.77	33.2	6.84	34.1	6.91
		27	24.6	5.10	29.3	6.60	31.0	6.99	31.4	7.02	31.8	7.06	32.7	7.13	33.6	7.21
		29	24.6	5.44	29.3	7.06	30.5	7.27	30.9	7.31	31.4	7.35	32.3	7.43	33.2	7.50
		31	24.6	5.81	29.2	7.47	30.0	7.55	30.5	7.60	30.9	7.64	31.8	7.72	32.7	7.80
		33	24.6	6.19	28.7	7.75	29.6	7.84	30.0	7.88	30.5	7.93	31.4	8.01	32.2	8.10
		35	24.6	6.59	28.2	8.04	29.1	8.13	29.6	8.17	30.0	8.22	30.9	8.31	31.8	8.40
		37	24.6	7.02	27.8	8.32	28.7	8.42	29.1	8.46	29.6	8.51	30.4	8.61	31.3	8.71
		39	24.6	7.47	27.3	8.60	28.2	8.71	28.7	8.76	29.1	8.81	30.0	8.91	30.9	9.01
120%	300	10	22.7	3.37	27.0	4.12	31.4	4.89	33.6	5.29	35.2	5.51	36.0	5.31	36.8	5.10
		12	22.7	3.43	27.0	4.19	31.4	4.99	33.6	5.39	34.7	5.48	35.5	5.27	36.3	5.06
		14	22.7	3.50	27.0	4.27	31.4	5.08	33.6	5.49	34.2	5.46	35.1	5.24	35.9	5.28
		16	22.7	3.56	27.0	4.36	31.4	5.18	33.4	5.53	33.8	5.47	34.6	5.52	35.4	5.56
		18	22.7	3.63	27.0	4.44	31.4	5.36	32.9	5.72	33.3	5.75	34.1	5.80	35.0	5.85
		20	22.7	3.70	27.0	4.62	31.4	5.76	32.5	6.00	32.9	6.03	33.7	6.08	34.5	6.14
		21	22.7	3.74	27.0	4.78	31.4	5.97	32.2	6.14	32.6	6.17	33.5	6.22	34.3	6.28
		23	22.7	3.99	27.0	5.13	31.4	6.39	31.8	6.42	32.2	6.45	33.0	6.51	33.8	6.57
		25	22.7	4.27	27.0	5.48	30.9	6.67	31.3	6.70	31.7	6.73	32.6	6.79	33.4	6.86
		27	22.7	4.56	27.0	5.86	30.5	6.95	30.9	6.98	31.3	7.01	32.1	7.08	32.9	7.15
		29	22.7	4.86	27.0	6.26	30.0	7.23	30.4	7.26	30.8	7.30	31.6	7.37	32.5	7.44
		31	22.7	5.18	27.0	6.68	29.5	7.51	30.0	7.55	30.4	7.58	31.2	7.66	32.0	7.74
		33	22.7	5.52	27.0	7.13	29.1	7.79	29.5	7.83	29.9	7.87	30.7	7.95	31.5	8.03
		35	22.7	5.87	27.0	7.60	28.6	8.08	29.0	8.12	29.5	8.16	30.3	8.25	31.1	8.33
		37	22.7	6.25	27.0	8.10	28.2	8.36	28.6	8.41	29.0	8.45	29.8	8.54	30.6	8.63
		39	22.7	6.65	26.9	8.55	27.7	8.65	28.1	8.70	28.5	8.74	29.4	8.84	30.2	8.93
110%	275	10	20.8	3.06	24.8	3.73	28.8	4.43	30.8	4.78	32.8	5.15	35.3	5.46	36.1	5.27
		12	20.8	3.12	24.8	3.80	28.8	4.51	30.8	4.87	32.8	5.24	34.9	5.44	35.6	5.24
		14	20.8	3.17	24.8	3.87	28.8	4.60	30.8	4.97	32.8	5.34	34.4	5.41	35.2	5.24
		16	20.8	3.23	24.8	3.94	28.8	4.68	30.8	5.06	32.8	5.45	34.0	5.48	34.7	5.52
		18	20.8	3.29	24.8	4.02	28.8	4.78	30.8	5.20	32.8	5.71	33.5	5.76	34.3	5.81
		20	20.8	3.36	24.8	4.10	28.8	5.06	30.8	5.59	32.3	5.99	33.1	6.04	33.8	6.09
		21	20.8	3.39	24.8	4.22	28.8	5.24	30.8	5.79	32.1	6.13	32.8	6.18	33.6	6.23
		23	20.8	3.55	24.8	4.52	28.8	5.62	30.8	6.21	31.6	6.41	32.4	6.46	33.1	6.52
		25	20.8	3.79	24.8	4.84	28.8	6.02	30.8	6.66	31.2	6.69	31.9	6.75	32.7	6.80
		27	20.8	4.04	24.8	5.17	28.8	6.44	30.3	6.94	30.7	6.97	31.5	7.03	32.2	7.09
		29	20.8	4.31	24.8	5.52	28.8	6.88	29.9	7.22	30.3	7.25	31.0	7.32	31.8	7.38
		31	20.8	4.59	24.8	5.88	28.8	7.34	29.4	7.50	29.8	7.53	30.6	7.60	31.3	7.67
		33	20.8	4.88	24.8	6.27	28.6	7.74	29.0	7.78	29.4	7.82	30.1	7.89	30.9	7.97
		35	20.8	5.19	24.8	6.68	28.1	8.03	28.5	8.06	28.9	8.10	29.6	8.18	30.4	8.26
		37	20.8	5.52	24.8	7.11	27.7	8.31	28.1	8.35	28.4	8.39	29.2	8.47	29.9	8.55
		39	20.8	5.87	24.8	7.57	27.2	8.59	27.6	8.64	28.0	8.68	28.7	8.77	29.5	8.85
100%	250	10	18.9	2.76	22.5	3.35	26.2	3.97	28.0	4.28	29.8	4.61	33.5	5.27	35.4	5.45
		12	18.9	2.81	22.5	3.41	26.2	4.04	28.0	4.36	29.8	4.69	33.5	5.37	34.9	5.42
		14	18.9	2.86	22.5	3.47	26.2	4.12	28.0	4.45	29.8	4.78	33.5	5.47	34.5	5.39
		16	18.9	2.91	22.5	3.54	26.2	4.20	28.0	4.53	29.8	4.88	33.3	5.54	34.0	5.48
		18	18.9	2.96	22.5	3.61	26.2	4.28	28.0	4.62	29.8	4.98	32.9	5.72	33.6	5.76
		20	18.9	3.02	22.5	3.68	26.2	4.41	28.0	4.86	29.8	5.33	32.4	6.00	33.1	6.04
		21	18.9	3.05	22.5	3.71	26.2	4.56	28.0	5.03	29.8	5.52	32.2	6.14	32.9	6.18
		23	18.9	3.13	22.5	3.96	26.2	4.89	28.0	5.39	29.8	5.92	31.8	6.42	32.4	6.47
		25	18.9	3.34	22.5	4.23	26.2	5.23	28.0	5.77	29.8	6.34	31.3	6.70	32.0	6.75
		27	18.9	3.56	22.5	4.52	26.2	5.59	28.0	6.17	29.8	6.78	30.8	6.98	31.5	7.03
		29	18.9	3.79	22.5	4.82	26.2	5.97	28.0	6.59	29.7	7.20	30.4	7.26	31.1	7.32
		31	18.9	4.03	22.5	5.13	26.2	6.37	28.0	7.04	29.3	7.48	29.9	7.54	30.6	7.61
		33	18.9	4.29	22.5	5.47	26.2	6.79	28.0	7.51	28.8	7.76	29.5	7.83	30.2	7.90
		35	18.9	4.56	22.5	5.82	26.2	7.24	28.0	8.01	28.3	8.05	29.0	8.12	29.7	8.19
		37	18.9	4.84	22.5	6.19	26.2	7.71	27.5	8.29	27.9	8.33	28.6	8.40	29.2	8.48
		39	18.9	5.14	22.5	6.59	26.2	8.22	27.1	8.58	27.4	8.61	28.1	8.69	28.8	8.77
90%	225	10	17.0	2.47	20.3	2.98	23.6	3.52	25.2	3.80	26.8	4.08	30.1	4.66	33.4	5.25
		12	17.0	2.51	20.3	3.03	23.6	3.58	25.2	3.87	26.8	4.16	30.1	4.75	33.4	5.35
		14	17.0	2.56	20.3	3.09	23.6	3.65	25.2	3.94	26.8	4.24	30.1	4.84	33.4	5.46
		16	17.0	2.60	20.3	3.14	23.6	3.72	25.2	4.02	26.8	4.32	30.1	4.93	33.3	5.54
		18	17.0	2.65	20.3	3.20	23.6	3.79	25.2	4.10	26.8	4.40	30.1	5.03	32.9	5.72
		20	17.0	2.70	20.3	3.27	23.6	3.87	25.2	4.18	26.8	4.57	30.1	5.41	32.4	6.00
		21	17.0	2.72	20.3	3.30	23.6	3.93	25.2	4.32	26.8	4.73	30.1	5.60	32.2	6.14
		23	17.0	2.77	20.3	3.43	23.6	4.21	25.2	4.63	26.8	5.07	30.1	6.01	31.7	6.41
		25	17.0	2.92	20.3	3.67	23.6	4.50	25.2	4.95	26.8	5.42	30.1	6.43	31.3	6.70
		27	17.0	3.11	20.3	3.91	23.6	4.81	25.2	5.29	26.8	5.80	30.1	6.88	30.8	6.98
		29	17.0	3.31	20.3	4.17	23.6	5.13	25.2	5.65	26.8	6.19	29.8	7.21	30.4	7.26
		31	17.0	3.52	20.3	4.44	23.6	5.47	25.2	6.02	26.8	6.61	29.3	7.49	29.9	7.54
		33	17.0	3.74	20.3	4.72	23.6	5.83	25.2	6.42	26.8	7.05	28.9	7.77	29.5	7.83
		35	17.0	3.97	20.3	5.02	23.6	6.20	25.2	6.84	26.8	7.51	28.4	8.05	29.0	8.11
		37	17.0	4.21	20.3	5.34	23.6	6.60	25.2	7.29	26.8	8.01	27.9	8.34	28.6	8.40
		39	17.0	4.47	20.3	5.67	23.6	7.03	25.2	7.76	26.8	8.53	27.5	8.62	28.1	8.69

3 Capacity tables

3 - 1 Cooling capacity tables

10HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	200	10	15.1	2.19	18.0	2.63	20.9	3.09	22.4	3.32	23.9	3.57	26.8	4.07	29.7	4.58
		12	15.1	2.23	18.0	2.67	20.9	3.14	22.4	3.38	23.9	3.63	26.8	4.14	29.7	4.67
		14	15.1	2.27	18.0	2.72	20.9	3.20	22.4	3.45	23.9	3.70	26.8	4.22	29.7	4.76
		16	15.1	2.30	18.0	2.77	20.9	3.26	22.4	3.51	23.9	3.77	26.8	4.31	29.7	4.85
		18	15.1	2.34	18.0	2.82	20.9	3.32	22.4	3.58	23.9	3.85	26.8	4.39	29.7	4.95
		20	15.1	2.39	18.0	2.87	20.9	3.38	22.4	3.65	23.9	3.92	26.8	4.55	29.7	5.29
		21	15.1	2.41	18.0	2.90	20.9	3.42	22.4	3.69	23.9	4.00	26.8	4.71	29.7	5.48
		23	15.1	2.45	18.0	2.95	20.9	3.58	22.4	3.93	23.9	4.28	26.8	5.05	29.7	5.88
		25	15.1	2.53	18.0	3.14	20.9	3.83	22.4	4.20	23.9	4.58	26.8	5.40	29.7	6.30
		27	15.1	2.69	18.0	3.35	20.9	4.08	22.4	4.48	23.9	4.89	26.8	5.78	29.7	6.74
		29	15.1	2.86	18.0	3.57	20.9	4.35	22.4	4.78	23.9	5.22	26.8	6.17	29.7	7.20
		31	15.1	3.04	18.0	3.79	20.9	4.64	22.4	5.09	23.9	5.57	26.8	6.58	29.2	7.48
		33	15.1	3.22	18.0	4.03	20.9	4.93	22.4	5.42	23.9	5.93	26.8	7.02	28.8	7.76
		35	15.1	3.42	18.0	4.28	20.9	5.25	22.4	5.77	23.9	6.32	26.8	7.49	28.3	8.04
		37	15.1	3.62	18.0	4.55	20.9	5.58	22.4	6.14	23.9	6.72	26.8	7.98	27.9	8.33
		39	15.1	3.84	18.0	4.83	20.9	5.93	22.4	6.53	23.9	7.16	26.8	8.50	27.4	8.61
70%	175	10	13.2	1.93	15.8	2.29	18.3	2.67	19.6	2.87	20.9	3.07	23.4	3.49	26.0	3.93
		12	13.2	1.96	15.8	2.33	18.3	2.72	19.6	2.92	20.9	3.13	23.4	3.56	26.0	4.00
		14	13.2	1.99	15.8	2.37	18.3	2.77	19.6	2.97	20.9	3.19	23.4	3.63	26.0	4.08
		16	13.2	2.02	15.8	2.41	18.3	2.82	19.6	3.03	20.9	3.25	23.4	3.69	26.0	4.16
		18	13.2	2.05	15.8	2.45	18.3	2.87	19.6	3.09	20.9	3.31	23.4	3.77	26.0	4.24
		20	13.2	2.09	15.8	2.49	18.3	2.92	19.6	3.14	20.9	3.37	23.4	3.84	26.0	4.36
		21	13.2	2.11	15.8	2.51	18.3	2.95	19.6	3.17	20.9	3.41	23.4	3.90	26.0	4.51
		23	13.2	2.14	15.8	2.56	18.3	3.01	19.6	3.28	20.9	3.57	23.4	4.18	26.0	4.83
		25	13.2	2.18	15.8	2.66	18.3	3.21	19.6	3.50	20.9	3.81	23.4	4.46	26.0	5.17
		27	13.2	2.31	15.8	2.83	18.3	3.42	19.6	3.74	20.9	4.07	23.4	4.77	26.0	5.53
		29	13.2	2.45	15.8	3.01	18.3	3.64	19.6	3.98	20.9	4.33	23.4	5.09	26.0	5.90
		31	13.2	2.59	15.8	3.20	18.3	3.87	19.6	4.24	20.9	4.61	23.4	5.42	26.0	6.30
		33	13.2	2.75	15.8	3.40	18.3	4.12	19.6	4.51	20.9	4.91	23.4	5.78	26.0	6.71
		35	13.2	2.91	15.8	3.60	18.3	4.38	19.6	4.79	20.9	5.22	23.4	6.15	26.0	7.16
		37	13.2	3.08	15.8	3.82	18.3	4.65	19.6	5.09	20.9	5.56	23.4	6.55	26.0	7.62
		39	13.2	3.26	15.8	4.05	18.3	4.93	19.6	5.41	20.9	5.91	23.4	6.97	26.0	8.12
60%	150	10	11.3	1.68	13.5	1.97	15.7	2.28	16.8	2.44	17.9	2.60	20.1	2.95	22.3	3.30
		12	11.3	1.70	13.5	2.00	15.7	2.32	16.8	2.48	17.9	2.65	20.1	3.00	22.3	3.36
		14	11.3	1.73	13.5	2.03	15.7	2.35	16.8	2.52	17.9	2.70	20.1	3.05	22.3	3.42
		16	11.3	1.75	13.5	2.06	15.7	2.40	16.8	2.57	17.9	2.74	20.1	3.11	22.3	3.49
		18	11.3	1.78	13.5	2.10	15.7	2.44	16.8	2.61	17.9	2.79	20.1	3.17	22.3	3.56
		20	11.3	1.81	13.5	2.13	15.7	2.48	16.8	2.66	17.9	2.85	20.1	3.23	22.3	3.63
		21	11.3	1.82	13.5	2.15	15.7	2.50	16.8	2.69	17.9	2.87	20.1	3.26	22.3	3.66
		23	11.3	1.85	13.5	2.19	15.7	2.55	16.8	2.74	17.9	2.93	20.1	3.39	22.3	3.89
		25	11.3	1.88	13.5	2.23	15.7	2.65	16.8	2.88	17.9	3.11	20.1	3.62	22.3	4.16
		27	11.3	1.95	13.5	2.36	15.7	2.82	16.8	3.06	17.9	3.32	20.1	3.86	22.3	4.44
		29	11.3	2.07	13.5	2.51	15.7	3.00	16.8	3.26	17.9	3.53	20.1	4.11	22.3	4.74
		31	11.3	2.19	13.5	2.66	15.7	3.18	16.8	3.46	17.9	3.75	20.1	4.38	22.3	5.05
		33	11.3	2.31	13.5	2.82	15.7	3.38	16.8	3.68	17.9	3.99	20.1	4.66	22.3	5.37
		35	11.3	2.45	13.5	2.99	15.7	3.58	16.8	3.91	17.9	4.24	20.1	4.95	22.3	5.72
		37	11.3	2.59	13.5	3.16	15.7	3.80	16.8	4.14	17.9	4.50	20.1	5.26	22.3	6.09
		39	11.3	2.73	13.5	3.35	15.7	4.03	16.8	4.40	17.9	4.78	20.1	5.59	22.3	6.47
50%	125	10	9.45	1.44	11.3	1.67	13.1	1.91	14.0	2.03	14.9	2.16	16.7	2.43	18.6	2.71
		12	9.45	1.46	11.3	1.69	13.1	1.94	14.0	2.07	14.9	2.20	16.7	2.47	18.6	2.75
		14	9.45	1.48	11.3	1.72	13.1	1.97	14.0	2.10	14.9	2.23	16.7	2.51	18.6	2.80
		16	9.45	1.50	11.3	1.74	13.1	2.00	14.0	2.13	14.9	2.27	16.7	2.56	18.6	2.85
		18	9.45	1.52	11.3	1.77	13.1	2.03	14.0	2.17	14.9	2.31	16.7	2.60	18.6	2.91
		20	9.45	1.54	11.3	1.80	13.1	2.07	14.0	2.21	14.9	2.35	16.7	2.65	18.6	2.96
		21	9.45	1.55	11.3	1.81	13.1	2.08	14.0	2.23	14.9	2.37	16.7	2.67	18.6	2.99
		23	9.45	1.58	11.3	1.84	13.1	2.12	14.0	2.27	14.9	2.42	16.7	2.73	18.6	3.06
		25	9.45	1.60	11.3	1.87	13.1	2.16	14.0	2.31	14.9	2.49	16.7	2.86	18.6	3.26
		27	9.45	1.63	11.3	1.94	13.1	2.28	14.0	2.46	14.9	2.65	16.7	3.05	18.6	3.48
		29	9.45	1.72	11.3	2.05	13.1	2.42	14.0	2.61	14.9	2.81	16.7	3.24	18.6	3.70
		31	9.45	1.82	11.3	2.17	13.1	2.56	14.0	2.77	14.9	2.99	16.7	3.44	18.6	3.94
		33	9.45	1.92	11.3	2.30	13.1	2.72	14.0	2.94	14.9	3.17	16.7	3.66	18.6	4.19
		35	9.45	2.03	11.3	2.43	13.1	2.88	14.0	3.11	14.9	3.36	16.7	3.88	18.6	4.45
		37	9.45	2.14	11.3	2.57	13.1	3.04	14.0	3.30	14.9	3.56	16.7	4.12	18.6	4.72
		39	9.45	2.25	11.3	2.71	13.1	3.22	14.0	3.49	14.9	3.77	16.7	4.37	18.6	5.02

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

12HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	390	10	29.4	4.22	35.1	5.16	40.7	6.14	42.2	6.27	42.7	6.14	43.8	5.88	44.8	5.62
		12	29.4	4.30	35.1	5.26	40.7	6.26	41.6	6.24	42.2	6.11	43.2	5.84	44.3	5.75
		14	29.4	4.38	35.1	5.36	40.6	6.34	41.1	6.21	41.6	6.07	42.7	6.02	43.8	6.08
		16	29.4	4.46	35.1	5.47	40.0	6.30	40.6	6.26	41.1	6.29	42.1	6.35	43.2	6.41
		18	29.4	4.55	35.1	5.57	39.5	6.55	40.0	6.58	40.5	6.61	41.6	6.68	42.7	6.74
		20	29.4	4.64	35.1	5.94	38.9	6.87	39.5	6.90	40.0	6.93	41.1	7.00	42.1	7.07
		21	29.4	4.77	35.1	6.15	38.7	7.03	39.2	7.06	39.7	7.10	40.8	7.17	41.8	7.24
		23	29.4	5.11	35.1	6.59	38.1	7.35	38.7	7.38	39.2	7.42	40.2	7.50	41.3	7.57
		25	29.4	5.46	35.1	7.06	37.6	7.67	38.1	7.71	38.6	7.75	39.7	7.83	40.8	7.91
		27	29.4	5.83	35.1	7.55	37.0	7.99	37.6	8.03	38.1	8.07	39.2	8.16	40.2	8.24
		29	29.4	6.23	35.1	8.07	36.5	8.31	37.0	8.36	37.5	8.40	38.6	8.49	39.7	8.58
		31	29.4	6.64	34.9	8.54	35.9	8.64	36.5	8.69	37.0	8.73	38.1	8.83	39.1	8.92
		33	29.4	7.08	34.3	8.87	35.4	8.97	35.9	9.02	36.5	9.07	37.5	9.17	38.6	9.26
		35	29.4	7.54	33.8	9.19	34.9	9.29	35.4	9.35	35.9	9.40	37.0	9.50	38.0	9.61
		37	29.4	8.03	33.2	9.51	34.3	9.62	34.8	9.68	35.4	9.74	36.4	9.8	37.5	10.0
		39	29.4	8.55	32.7	9.8	33.8	10.0	34.3	10.0	34.8	10.1	35.9	10.2	36.9	10.3
120%	360	10	27.1	3.85	32.4	4.71	37.6	5.60	40.2	6.05	42.1	6.30	43.0	6.07	44.0	5.83
		12	27.1	3.92	32.4	4.80	37.6	5.70	40.2	6.16	41.5	6.27	42.5	6.03	43.5	5.79
		14	27.1	4.00	32.4	4.89	37.6	5.81	40.2	6.28	41.0	6.24	41.9	5.99	42.9	6.04
		16	27.1	4.07	32.4	4.98	37.6	5.93	39.9	6.33	40.4	6.25	41.4	6.31	42.4	6.36
		18	27.1	4.15	32.4	5.08	37.6	6.13	39.4	6.54	39.9	6.57	40.9	6.63	41.8	6.69
		20	27.1	4.23	32.4	5.28	37.6	6.59	38.8	6.86	39.3	6.89	40.3	6.95	41.3	7.02
		21	27.1	4.28	32.4	5.47	37.6	6.83	38.6	7.02	39.1	7.05	40.0	7.12	41.0	7.18
		23	27.1	4.57	32.4	5.86	37.5	7.30	38.0	7.34	38.5	7.37	39.5	7.44	40.5	7.51
		25	27.1	4.88	32.4	6.27	37.0	7.62	37.5	7.66	38.0	7.70	38.9	7.77	39.9	7.84
		27	27.1	5.21	32.4	6.71	36.4	7.94	36.9	7.98	37.4	8.02	38.4	8.10	39.4	8.18
		29	27.1	5.56	32.4	7.16	35.9	8.26	36.4	8.31	36.9	8.35	37.9	8.43	38.8	8.51
		31	27.1	5.92	32.4	7.64	35.4	8.59	35.8	8.63	36.3	8.67	37.3	8.76	38.3	8.85
		33	27.1	6.31	32.4	8.15	34.8	8.91	35.3	8.96	35.8	9.00	36.8	9.09	37.7	9.19
		35	27.1	6.71	32.4	8.69	34.3	9.24	34.8	9.28	35.2	9.33	36.2	9.43	37.2	9.53
		37	27.1	7.15	32.4	9.26	33.7	9.56	34.2	9.61	34.7	9.67	35.7	9.77	36.7	9.9
		39	27.1	7.60	32.2	9.78	33.2	9.9	33.7	9.9	34.2	10.0	35.1	10.1	36.1	10.2
110%	330	10	24.9	3.50	29.7	4.26	34.5	5.06	36.9	5.47	39.2	5.88	42.3	6.25	43.2	6.03
		12	24.9	3.56	29.7	4.34	34.5	5.16	36.9	5.57	39.2	6.00	41.7	6.22	42.6	5.99
		14	24.9	3.63	29.7	4.42	34.5	5.25	36.9	5.68	39.2	6.11	41.2	6.18	42.1	5.99
		16	24.9	3.69	29.7	4.51	34.5	5.36	36.9	5.79	39.2	6.23	40.6	6.26	41.5	6.32
		18	24.9	3.77	29.7	4.60	34.5	5.46	36.9	5.95	39.2	6.53	40.1	6.58	41.0	6.64
		20	24.9	3.84	29.7	4.69	34.5	5.79	36.9	6.40	38.7	6.85	39.6	6.91	40.5	6.96
		21	24.9	3.88	29.7	4.83	34.5	6.00	36.9	6.63	38.4	7.01	39.3	7.07	40.2	7.13
		23	24.9	4.06	29.7	5.17	34.5	6.43	36.9	7.11	37.8	7.33	38.7	7.39	39.6	7.45
		25	24.9	4.33	29.7	5.53	34.5	6.88	36.9	7.61	37.3	7.65	38.2	7.71	39.1	7.78
		27	24.9	4.62	29.7	5.91	34.5	7.36	36.3	7.93	36.8	7.97	37.7	8.04	38.5	8.11
		29	24.9	4.93	29.7	6.31	34.5	7.86	35.8	8.25	36.2	8.29	37.1	8.37	38.0	8.44
		31	24.9	5.25	29.7	6.73	34.5	8.40	35.2	8.57	35.7	8.61	36.6	8.69	37.5	8.77
		33	24.9	5.58	29.7	7.17	34.2	8.86	34.7	8.90	35.1	8.94	36.0	9.02	36.9	9.11
		35	24.9	5.94	29.7	7.64	33.7	9.18	34.1	9.22	34.6	9.27	35.5	9.36	36.4	9.44
		37	24.9	6.32	29.7	8.14	33.1	9.50	33.6	9.55	34.0	9.60	34.9	9.69	35.8	9.78
		39	24.9	6.71	29.7	8.66	32.6	9.8	33.0	9.9	33.5	9.9	34.4	10.0	35.3	10.1
100%	300	10	22.6	3.16	27.0	3.83	31.3	4.53	33.5	4.90	35.7	5.27	40.0	6.02	42.3	6.23
		12	22.6	3.21	27.0	3.90	31.3	4.62	33.5	4.99	35.7	5.37	40.0	6.14	41.8	6.20
		14	22.6	3.27	27.0	3.97	31.3	4.71	33.5	5.09	35.7	5.47	40.0	6.25	41.3	6.17
		16	22.6	3.33	27.0	4.04	31.3	4.80	33.5	5.19	35.7	5.58	39.9	6.34	40.7	6.27
		18	22.6	3.39	27.0	4.12	31.3	4.89	33.5	5.29	35.7	5.69	39.4	6.54	40.2	6.59
		20	22.6	3.45	27.0	4.20	31.3	5.04	33.5	5.55	35.7	6.09	38.8	6.86	39.6	6.91
		21	22.6	3.49	27.0	4.25	31.3	5.22	33.5	5.75	35.7	6.31	38.5	7.02	39.4	7.07
		23	22.6	3.58	27.0	4.53	31.3	5.59	33.5	6.17	35.7	6.77	38.0	7.34	38.8	7.39
		25	22.6	3.82	27.0	4.84	31.3	5.98	33.5	6.60	35.7	7.25	37.4	7.66	38.3	7.72
		27	22.6	4.07	27.0	5.17	31.3	6.39	33.5	7.06	35.7	7.76	36.9	7.98	37.7	8.04
		29	22.6	4.34	27.0	5.51	31.3	6.83	33.5	7.54	35.5	8.23	36.4	8.30	37.2	8.37
		31	22.6	4.61	27.0	5.87	31.3	7.28	33.5	8.05	35.0	8.56	35.8	8.63	36.6	8.70
		33	22.6	4.91	27.0	6.25	31.3	7.77	33.5	8.59	34.5	8.88	35.3	8.95	36.1	9.03
		35	22.6	5.21	27.0	6.66	31.3	8.28	33.5	9.16	33.9	9.20	34.7	9.28	35.5	9.36
		37	22.6	5.54	27.0	7.08	31.3	8.82	33.0	9.48	33.4	9.53	34.2	9.61	35.0	9.70
		39	22.6	5.88	27.0	7.53	31.3	9.40	32.4	9.81	32.8	9.9	33.6	9.9	34.4	10.0
90%	270	10	20.3	2.83	24.3	3.41	28.2	4.02	30.2	4.34	32.1	4.67	36.0	5.33	40.0	6.01
		12	20.3	2.87	24.3	3.47	28.2	4.10	30.2	4.42	32.1	4.75	36.0	5.43	40.0	6.12
		14	20.3	2.92	24.3	3.53	28.2	4.17	30.2	4.51	32.1	4.84	36.0	5.53	40.0	6.24
		16	20.3	2.97	24.3	3.60	28.2	4.25	30.2	4.59	32.1	4.94	36.0	5.64	39.9	6.34
		18	20.3	3.03	24.3	3.66	28.2	4.34	30.2	4.68	32.1	5.04	36.0	5.76	39.3	6.54
		20	20.3	3.08	24.3	3.74	28.2	4.42	30.2	4.78	32.1	5.22	36.0	6.18	38.8	6.86
		21	20.3	3.11	24.3	3.77	28.2	4.50	30.2	4.94	32.1	5.41	36.0	6.41	38.5	7.02
		23	20.3	3.17	24.3	3.93	28.2	4.82	30.2	5.29	32.1	5.80	36.0	6.87	38.0	7.34
		25	20.3	3.34	24.3	4.19	28.2	5.15	30.2	5.66	32.1	6.20	36.0	7.36	37.4	7.66
		27	20.3	3.56	24.3	4.47	28.2	5.50	30.2	6.05	32.1	6.63	36.0	7.87	36.9	7.98
		29	20.3	3.78	24.3	4.77	28.2	5.86	30.2	6.46	32.1	7.08	35.6	8.24	36.3	8.30
		31	20.3	4.02	24.3	5.07	28.2	6.25	30.2	6.89	32.1	7.56	35.1	8.56	35.8	8.63
		33	20.3	4.27	24.3	5.40	28.2	6.66	30.2	7.34	32.1	8.06	34.5	8.88	35.3	8.95
		35	20.3	4.54	24.3	5.74	28.2	7.09	30.2	7.83	32.1	8.59	34.0	9.21	34.7	9.28
		37	20.3	4.81	24.3	6.10	28.2	7.55	30.2	8.34	32.1	9.16	33.4	9.53	34.2	9.61
		39	20.3	5.11	24.3	6.49	28.2	8.04	30.2	8.88	32.1	9.76	32.9	9.9	33.6	9.9

3 Capacity tables

3 - 1 Cooling capacity tables

12HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	240	10	18.1	2.51	21.6	3.00	25.1	3.53	26.8	3.80	28.5	4.08	32.0	4.65	35.5	5.24
		12	18.1	2.55	21.6	3.05	25.1	3.59	26.8	3.87	28.5	4.16	32.0	4.74	35.5	5.34
		14	18.1	2.59	21.6	3.11	25.1	3.66	26.8	3.94	28.5	4.23	32.0	4.83	35.5	5.44
		16	18.1	2.63	21.6	3.16	25.1	3.73	26.8	4.02	28.5	4.31	32.0	4.92	35.5	5.55
		18	18.1	2.68	21.6	3.22	25.1	3.80	26.8	4.09	28.5	4.40	32.0	5.02	35.5	5.66
		20	18.1	2.73	21.6	3.28	25.1	3.87	26.8	4.18	28.5	4.49	32.0	5.20	35.5	6.05
		21	18.1	2.75	21.6	3.31	25.1	3.91	26.8	4.22	28.5	4.58	32.0	5.39	35.5	6.27
		23	18.1	2.80	21.6	3.38	25.1	4.10	26.8	4.49	28.5	4.90	32.0	5.77	35.5	6.72
		25	18.1	2.89	21.6	3.60	25.1	4.38	26.8	4.80	28.5	5.24	32.0	6.18	35.5	7.20
		27	18.1	3.08	21.6	3.83	25.1	4.67	26.8	5.12	28.5	5.59	32.0	6.61	35.5	7.70
		29	18.1	3.27	21.6	4.08	25.1	4.98	26.8	5.46	28.5	5.97	32.0	7.05	35.5	8.23
		31	18.1	3.47	21.6	4.34	25.1	5.30	26.8	5.82	28.5	6.36	32.0	7.53	35.0	8.55
		33	18.1	3.69	21.6	4.61	25.1	5.64	26.8	6.20	28.5	6.78	32.0	8.03	34.4	8.87
		35	18.1	3.91	21.6	4.90	25.1	6.00	26.8	6.60	28.5	7.22	32.0	8.56	33.9	9.20
		37	18.1	4.14	21.6	5.20	25.1	6.38	26.8	7.02	28.5	7.69	32.0	9.12	33.3	9.52
		39	18.1	4.39	21.6	5.52	25.1	6.79	26.8	7.47	28.5	8.18	32.0	9.72	32.8	9.8
70%	210	10	15.8	2.21	18.9	2.62	21.9	3.06	23.5	3.28	25.0	3.52	28.0	4.00	31.1	4.49
		12	15.8	2.24	18.9	2.66	21.9	3.11	23.5	3.34	25.0	3.58	28.0	4.07	31.1	4.58
		14	15.8	2.27	18.9	2.70	21.9	3.16	23.5	3.40	25.0	3.64	28.0	4.15	31.1	4.66
		16	15.8	2.31	18.9	2.75	21.9	3.22	23.5	3.46	25.0	3.71	28.0	4.23	31.1	4.75
		18	15.8	2.35	18.9	2.80	21.9	3.28	23.5	3.53	25.0	3.78	28.0	4.31	31.1	4.85
		20	15.8	2.39	18.9	2.85	21.9	3.34	23.5	3.60	25.0	3.86	28.0	4.39	31.1	4.98
		21	15.8	2.41	18.9	2.88	21.9	3.37	23.5	3.63	25.0	3.89	28.0	4.46	31.1	5.16
		23	15.8	2.45	18.9	2.93	21.9	3.44	23.5	3.75	25.0	4.08	28.0	4.78	31.1	5.53
		25	15.8	2.49	18.9	3.05	21.9	3.67	23.5	4.01	25.0	4.36	28.0	5.11	31.1	5.91
		27	15.8	2.64	18.9	3.24	21.9	3.91	23.5	4.27	25.0	4.65	28.0	5.45	31.1	6.32
		29	15.8	2.80	18.9	3.45	21.9	4.16	23.5	4.55	25.0	4.95	28.0	5.82	31.1	6.75
		31	15.8	2.97	18.9	3.66	21.9	4.43	23.5	4.84	25.0	5.28	28.0	6.20	31.1	7.20
		33	15.8	3.14	18.9	3.89	21.9	4.71	23.5	5.15	25.0	5.62	28.0	6.61	31.1	7.68
		35	15.8	3.33	18.9	4.12	21.9	5.00	23.5	5.48	25.0	5.97	28.0	7.03	31.1	8.18
		37	15.8	3.52	18.9	4.37	21.9	5.31	23.5	5.82	25.0	6.35	28.0	7.49	31.1	8.72
		39	15.8	3.73	18.9	4.63	21.9	5.64	23.5	6.19	25.0	6.75	28.0	7.97	31.1	9.29
60%	180	10	13.6	1.92	16.2	2.25	18.8	2.61	20.1	2.79	21.4	2.98	24.0	3.37	26.6	3.78
		12	13.6	1.95	16.2	2.29	18.8	2.65	20.1	2.84	21.4	3.03	24.0	3.43	26.6	3.84
		14	13.6	1.97	16.2	2.32	18.8	2.69	20.1	2.89	21.4	3.08	24.0	3.49	26.6	3.92
		16	13.6	2.00	16.2	2.36	18.8	2.74	20.1	2.94	21.4	3.14	24.0	3.56	26.6	3.99
		18	13.6	2.03	16.2	2.40	18.8	2.79	20.1	2.99	21.4	3.20	24.0	3.62	26.6	4.07
		20	13.6	2.07	16.2	2.44	18.8	2.84	20.1	3.04	21.4	3.26	24.0	3.69	26.6	4.15
		21	13.6	2.08	16.2	2.46	18.8	2.86	20.1	3.07	21.4	3.29	24.0	3.73	26.6	4.19
		23	13.6	2.12	16.2	2.50	18.8	2.92	20.1	3.13	21.4	3.35	24.0	3.87	26.6	4.45
		25	13.6	2.15	16.2	2.55	18.8	3.03	20.1	3.29	21.4	3.56	24.0	4.14	26.6	4.76
		27	13.6	2.23	16.2	2.70	18.8	3.22	20.1	3.50	21.4	3.79	24.0	4.41	26.6	5.08
		29	13.6	2.36	16.2	2.87	18.8	3.43	20.1	3.73	21.4	4.04	24.0	4.70	26.6	5.41
		31	13.6	2.50	16.2	3.04	18.8	3.64	20.1	3.96	21.4	4.29	24.0	5.00	26.6	5.77
		33	13.6	2.65	16.2	3.23	18.8	3.86	20.1	4.21	21.4	4.56	24.0	5.32	26.6	6.14
		35	13.6	2.80	16.2	3.42	18.8	4.10	20.1	4.47	21.4	4.85	24.0	5.66	26.6	6.54
		37	13.6	2.96	16.2	3.62	18.8	4.35	20.1	4.74	21.4	5.15	24.0	6.02	26.6	6.96
		39	13.6	3.12	16.2	3.83	18.8	4.61	20.1	5.03	21.4	5.46	24.0	6.40	26.6	7.40
50%	150	10	11.3	1.65	13.5	1.91	15.7	2.18	16.8	2.33	17.8	2.47	20.0	2.78	22.2	3.10
		12	11.3	1.67	13.5	1.94	15.7	2.22	16.8	2.36	17.8	2.51	20.0	2.82	22.2	3.15
		14	11.3	1.69	13.5	1.96	15.7	2.25	16.8	2.40	17.8	2.56	20.0	2.87	22.2	3.20
		16	11.3	1.72	13.5	1.99	15.7	2.29	16.8	2.44	17.8	2.60	20.0	2.92	22.2	3.26
		18	11.3	1.74	13.5	2.02	15.7	2.32	16.8	2.48	17.8	2.64	20.0	2.98	22.2	3.32
		20	11.3	1.76	13.5	2.05	15.7	2.36	16.8	2.52	17.8	2.69	20.0	3.03	22.2	3.39
		21	11.3	1.78	13.5	2.07	15.7	2.38	16.8	2.55	17.8	2.71	20.0	3.06	22.2	3.42
		23	11.3	1.80	13.5	2.10	15.7	2.43	16.8	2.59	17.8	2.76	20.0	3.12	22.2	3.50
		25	11.3	1.83	13.5	2.14	15.7	2.47	16.8	2.65	17.8	2.85	20.0	3.27	22.2	3.73
		27	11.3	1.86	13.5	2.22	15.7	2.61	16.8	2.81	17.8	3.03	20.0	3.48	22.2	3.97
		29	11.3	1.97	13.5	2.35	15.7	2.76	16.8	2.99	17.8	3.22	20.0	3.71	22.2	4.23
		31	11.3	2.08	13.5	2.49	15.7	2.93	16.8	3.17	17.8	3.42	20.0	3.94	22.2	4.50
		33	11.3	2.20	13.5	2.63	15.7	3.11	16.8	3.36	17.8	3.62	20.0	4.18	22.2	4.79
		35	11.3	2.32	13.5	2.78	15.7	3.29	16.8	3.56	17.8	3.84	20.0	4.44	22.2	5.09
		37	11.3	2.44	13.5	2.94	15.7	3.48	16.8	3.77	17.8	4.07	20.0	4.71	22.2	5.40
		39	11.3	2.58	13.5	3.10	15.7	3.68	16.8	3.99	17.8	4.32	20.0	5.00	22.2	5.74

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

14HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	455	10	35.1	6.17	41.9	7.55	48.6	8.98	50.4	9.17	51.0	8.99	52.3	8.61	53.5	8.22
		12	35.1	6.28	41.9	7.70	48.6	9.15	49.7	9.13	50.4	8.94	51.6	8.55	52.9	8.42
		14	35.1	6.40	41.9	7.84	48.4	9.27	49.1	9.08	49.7	8.88	51.0	8.81	52.2	8.90
		16	35.1	6.53	41.9	8.00	47.8	9.22	48.4	9.16	49.1	9.20	50.3	9.29	51.6	9.38
		18	35.1	6.65	41.9	8.15	47.1	9.58	47.8	9.62	48.4	9.67	49.7	9.77	50.9	9.86
		20	35.1	6.79	41.9	8.69	46.5	10.0	47.1	10.1	47.8	10.1	49.0	10.2	50.3	10.3
		21	35.1	6.98	41.9	9.00	46.2	10.3	46.8	10.3	47.4	10.4	48.7	10.5	50.0	10.6
		23	35.1	7.47	41.9	9.65	45.5	10.7	46.1	10.8	46.8	10.9	48.0	11.0	49.3	11.1
		25	35.1	7.99	41.9	10.3	44.9	11.2	45.5	11.3	46.1	11.3	47.4	11.4	48.7	11.6
		27	35.1	8.53	41.9	11.0	44.2	11.7	44.8	11.7	45.5	11.8	46.7	11.9	48.0	12.1
		29	35.1	9.11	41.9	11.8	43.6	12.2	44.2	12.2	44.8	12.3	46.1	12.4	47.4	12.6
		31	35.1	9.71	41.6	12.5	42.9	12.6	43.5	12.7	44.2	12.8	45.4	12.9	46.7	13.1
		33	35.1	10.4	41.0	13.0	42.3	13.1	42.9	13.2	43.5	13.3	44.8	13.4	46.1	13.6
		35	35.1	11.0	40.3	13.4	41.6	13.6	42.2	13.7	42.9	13.8	44.1	13.9	45.4	14.1
		37	35.1	11.7	39.7	13.9	41.0	14.1	41.6	14.2	42.2	14.2	43.5	14.4	44.8	14.6
		39	35.1	12.5	39.0	14.4	40.3	14.6	40.9	14.6	41.6	14.7	42.8	14.9	44.1	15.1
120%	420	10	32.4	5.64	38.6	6.89	44.9	8.19	48.0	8.85	50.2	9.22	51.4	8.88	52.6	8.52
		12	32.4	5.74	38.6	7.02	44.9	8.34	48.0	9.02	49.6	9.17	50.7	8.82	51.9	8.47
		14	32.4	5.85	38.6	7.15	44.9	8.50	48.0	9.19	48.9	9.13	50.1	8.77	51.2	8.83
		16	32.4	5.96	38.6	7.29	44.9	8.67	47.7	9.26	48.3	9.15	49.4	9.23	50.6	9.31
		18	32.4	6.07	38.6	7.43	44.9	8.97	47.0	9.57	47.6	9.61	48.8	9.70	49.9	9.79
		20	32.4	6.19	38.6	7.73	44.9	9.64	46.4	10.0	47.0	10.1	48.1	10.2	49.3	10.3
		21	32.4	6.26	38.6	8.00	44.9	9.99	46.1	10.3	46.6	10.3	47.8	10.4	49.0	10.5
		23	32.4	6.68	38.6	8.57	44.8	10.7	45.4	10.7	46.0	10.8	47.2	10.9	48.3	11.0
		25	32.4	7.14	38.6	9.18	44.2	11.2	44.8	11.2	45.3	11.3	46.5	11.4	47.7	11.5
		27	32.4	7.62	38.6	9.81	43.5	11.6	44.1	11.7	44.7	11.7	45.9	11.8	47.0	12.0
		29	32.4	8.13	38.6	10.5	42.9	12.1	43.4	12.2	44.0	12.2	45.2	12.3	46.4	12.5
		31	32.4	8.66	38.6	11.2	42.2	12.6	42.8	12.6	43.4	12.7	44.6	12.8	45.7	12.9
		33	32.4	9.23	38.6	11.9	41.6	13.0	42.1	13.1	42.7	13.2	43.9	13.3	45.1	13.4
		35	32.4	9.82	38.6	12.7	40.9	13.5	41.5	13.6	42.1	13.7	43.2	13.8	44.4	13.9
		37	32.4	10.5	38.6	13.6	40.3	14.0	40.8	14.1	41.4	14.1	42.6	14.3	43.8	14.4
		39	32.4	11.1	38.4	14.3	39.6	14.5	40.2	14.5	40.8	14.6	41.9	14.8	43.1	14.9
110%	385	10	29.7	5.12	35.4	6.23	41.1	7.40	44.0	8.00	46.9	8.61	50.5	9.14	51.6	8.82
		12	29.7	5.21	35.4	6.35	41.1	7.54	44.0	8.15	46.9	8.77	49.8	9.09	50.9	8.77
		14	29.7	5.31	35.4	6.47	41.1	7.69	44.0	8.31	46.9	8.94	49.2	9.04	50.3	8.77
		16	29.7	5.41	35.4	6.59	41.1	7.84	44.0	8.47	46.9	9.11	48.5	9.16	49.6	9.24
		18	29.7	5.51	35.4	6.72	41.1	7.99	44.0	8.71	46.8	9.55	47.9	9.63	49.0	9.71
		20	29.7	5.62	35.4	6.86	41.1	8.47	44.0	9.36	46.2	10.0	47.2	10.1	48.3	10.2
		21	29.7	5.67	35.4	7.07	41.1	8.77	44.0	9.69	45.8	10.3	46.9	10.3	48.0	10.4
		23	29.7	5.94	35.4	7.57	41.1	9.40	44.0	10.4	45.2	10.7	46.3	10.8	47.3	10.9
		25	29.7	6.34	35.4	8.09	41.1	10.1	44.0	11.1	44.5	11.2	45.6	11.3	46.7	11.4
		27	29.7	6.76	35.4	8.64	41.1	10.8	43.4	11.6	43.9	11.7	45.0	11.8	46.0	11.9
		29	29.7	7.21	35.4	9.23	41.1	11.5	42.7	12.1	43.2	12.1	44.3	12.2	45.4	12.3
		31	29.7	7.67	35.4	9.84	41.1	12.3	42.0	12.5	42.6	12.6	43.7	12.7	44.7	12.8
		33	29.7	8.17	35.4	10.5	40.9	13.0	41.4	13.0	41.9	13.1	43.0	13.2	44.1	13.3
		35	29.7	8.69	35.4	11.2	40.2	13.4	40.7	13.5	41.3	13.6	42.4	13.7	43.4	13.8
		37	29.7	9.24	35.4	11.9	39.6	13.9	40.1	14.0	40.6	14.0	41.7	14.2	42.8	14.3
		39	29.7	9.82	35.4	12.7	38.9	14.4	39.4	14.4	40.0	14.5	41.1	14.7	42.1	14.8
100%	350	10	27.0	4.62	32.2	5.60	37.4	6.63	40.0	7.17	42.6	7.71	47.8	8.81	50.6	9.12
		12	27.0	4.70	32.2	5.70	37.4	6.76	40.0	7.30	42.6	7.85	47.8	8.98	49.9	9.07
		14	27.0	4.78	32.2	5.81	37.4	6.89	40.0	7.44	42.6	8.00	47.8	9.15	49.3	9.02
		16	27.0	4.87	32.2	5.92	37.4	7.02	40.0	7.59	42.6	8.16	47.6	9.27	48.6	9.17
		18	27.0	4.96	32.2	6.03	37.4	7.16	40.0	7.74	42.6	8.32	47.0	9.57	48.0	9.64
		20	27.0	5.05	32.2	6.15	37.4	7.37	40.0	8.13	42.6	8.92	46.3	10.0	47.3	10.1
		21	27.0	5.10	32.2	6.21	37.4	7.64	40.0	8.42	42.6	9.24	46.0	10.3	47.0	10.3
		23	27.0	5.24	32.2	6.62	37.4	8.18	40.0	9.02	42.6	9.90	45.4	10.7	46.3	10.8
		25	27.0	5.59	32.2	7.08	37.4	8.75	40.0	9.66	42.6	10.6	44.7	11.2	45.7	11.3
		27	27.0	5.96	32.2	7.56	37.4	9.35	40.0	10.3	42.6	11.3	44.1	11.7	45.0	11.8
		29	27.0	6.34	32.2	8.06	37.4	9.99	40.0	11.0	42.4	12.0	43.4	12.1	44.4	12.2
		31	27.0	6.75	32.2	8.59	37.4	10.7	40.0	11.8	41.8	12.5	42.8	12.6	43.7	12.7
		33	27.0	7.18	32.2	9.15	37.4	11.4	40.0	12.6	41.1	13.0	42.1	13.1	43.1	13.2
		35	27.0	7.63	32.2	9.74	37.4	12.1	40.0	13.4	40.5	13.5	41.5	13.6	42.4	13.7
		37	27.0	8.10	32.2	10.4	37.4	12.9	39.3	13.9	39.8	13.9	40.8	14.1	41.8	14.2
		39	27.0	8.61	32.2	11.0	37.4	13.7	38.7	14.3	39.2	14.4	40.2	14.5	41.1	14.7
90%	315	10	24.3	4.13	29.0	4.98	33.7	5.89	36.0	6.35	38.3	6.83	43.0	7.80	47.7	8.79
		12	24.3	4.20	29.0	5.07	33.7	5.99	36.0	6.47	38.3	6.95	43.0	7.94	47.7	8.95
		14	24.3	4.28	29.0	5.17	33.7	6.11	36.0	6.59	38.3	7.09	43.0	8.10	47.7	9.13
		16	24.3	4.35	29.0	5.26	33.7	6.22	36.0	6.72	38.3	7.22	43.0	8.25	47.6	9.27
		18	24.3	4.43	29.0	5.36	33.7	6.34	36.0	6.85	38.3	7.37	43.0	8.42	47.0	9.56
		20	24.3	4.51	29.0	5.46	33.7	6.47	36.0	6.99	38.3	7.64	43.0	9.05	46.3	10.0
		21	24.3	4.55	29.0	5.52	33.7	6.58	36.0	7.23	38.3	7.91	43.0	9.37	46.0	10.3
		23	24.3	4.64	29.0	5.75	33.7	7.04	36.0	7.74	38.3	8.48	43.0	10.1	45.3	10.7
		25	24.3	4.89	29.0	6.13	33.7	7.53	36.0	8.28	38.3	9.07	43.0	10.8	44.7	11.2
		27	24.3	5.20	29.0	6.54	33.7	8.04	36.0	8.85	38.3	9.70	43.0	11.5	44.0	11.7
		29	24.3	5.54	29.0	6.97	33.7	8.58	36.0	9.45	38.3	10.4	42.5	12.1	43.4	12.1
		31	24.3	5.88	29.0	7.42	33.7	9.15	36.0	10.1	38.3	11.1	41.9	12.5	42.7	12.6
		33	24.3	6.25	29.0	7.90	33.7	9.75	36.0	10.7	38.3	11.8	41.2	13.0	42.1	13.1
		35	24.3	6.64	29.0	8.40	33.7	10.4	36.0	11.4	38.3	12.6	40.6	13.5	41.4	13.6
		37	24.3	7.04	29.0	8.93	33.7	11.0	36.0	12.2	38.3	13.4	39.9	13.9	40.8	14.1
		39	24.3	7.47	29.0	9.49	33.7	11.8	36.0	13.0	38.3	14.3	39.3	14.4	40.1	14.5

3 Capacity tables

3 - 1 Cooling capacity tables

14HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	280	10	21.6	3.67	25.8	4.39	29.9	5.16	32.0	5.56	34.1	5.97	38.2	6.81	42.4	7.67
		12	21.6	3.73	25.8	4.47	29.9	5.25	32.0	5.66	34.1	6.08	38.2	6.93	42.4	7.81
		14	21.6	3.79	25.8	4.55	29.9	5.35	32.0	5.77	34.1	6.19	38.2	7.07	42.4	7.96
		16	21.6	3.85	25.8	4.63	29.9	5.45	32.0	5.88	34.1	6.31	38.2	7.20	42.4	8.12
		18	21.6	3.92	25.8	4.71	29.9	5.55	32.0	5.99	34.1	6.43	38.2	7.35	42.4	8.28
		20	21.6	3.99	25.8	4.80	29.9	5.66	32.0	6.11	34.1	6.56	38.2	7.61	42.4	8.85
		21	21.6	4.03	25.8	4.85	29.9	5.72	32.0	6.17	34.1	6.70	38.2	7.88	42.4	9.17
		23	21.6	4.10	25.8	4.94	29.9	6.00	32.0	6.57	34.1	7.17	38.2	8.45	42.4	9.84
		25	21.6	4.23	25.8	5.26	29.9	6.40	32.0	7.02	34.1	7.66	38.2	9.04	42.4	10.5
		27	21.6	4.50	25.8	5.60	29.9	6.83	32.0	7.49	34.1	8.18	38.2	9.66	42.4	11.3
		29	21.6	4.79	25.8	5.97	29.9	7.28	32.0	7.99	34.1	8.73	38.2	10.3	42.4	12.0
		31	21.6	5.08	25.8	6.34	29.9	7.75	32.0	8.51	34.1	9.31	38.2	11.0	41.8	12.5
		33	21.6	5.39	25.8	6.74	29.9	8.25	32.0	9.07	34.1	9.92	38.2	11.7	41.1	13.0
		35	21.6	5.72	25.8	7.16	29.9	8.78	32.0	9.65	34.1	10.6	38.2	12.5	40.4	13.5
		37	21.6	6.06	25.8	7.61	29.9	9.34	32.0	10.27	34.1	11.2	38.2	13.3	39.8	13.9
		39	21.6	6.42	25.8	8.08	29.9	9.93	32.0	10.93	34.1	12.0	38.2	14.2	39.1	14.4
70%	245	10	18.9	3.23	22.5	3.83	26.2	4.47	28.0	4.80	29.8	5.14	33.5	5.85	37.1	6.57
		12	18.9	3.28	22.5	3.89	26.2	4.55	28.0	4.89	29.8	5.24	33.5	5.95	37.1	6.70
		14	18.9	3.33	22.5	3.96	26.2	4.63	28.0	4.97	29.8	5.33	33.5	6.07	37.1	6.82
		16	18.9	3.38	22.5	4.02	26.2	4.71	28.0	5.07	29.8	5.43	33.5	6.18	37.1	6.96
		18	18.9	3.44	22.5	4.10	26.2	4.80	28.0	5.16	29.8	5.53	33.5	6.30	37.1	7.09
		20	18.9	3.49	22.5	4.17	26.2	4.89	28.0	5.26	29.8	5.64	33.5	6.43	37.1	7.29
		21	18.9	3.52	22.5	4.21	26.2	4.93	28.0	5.31	29.8	5.70	33.5	6.53	37.1	7.55
		23	18.9	3.58	22.5	4.29	26.2	5.03	28.0	5.49	29.8	5.97	33.5	6.99	37.1	8.09
		25	18.9	3.65	22.5	4.46	26.2	5.37	28.0	5.86	29.8	6.37	33.5	7.47	37.1	8.65
		27	18.9	3.86	22.5	4.74	26.2	5.72	28.0	6.25	29.8	6.80	33.5	7.97	37.1	9.25
		29	18.9	4.09	22.5	5.04	26.2	6.09	28.0	6.66	29.8	7.25	33.5	8.51	37.1	9.87
		31	18.9	4.34	22.5	5.35	26.2	6.48	28.0	7.09	29.8	7.72	33.5	9.07	37.1	10.5
		33	18.9	4.60	22.5	5.68	26.2	6.89	28.0	7.54	29.8	8.22	33.5	9.66	37.1	11.2
		35	18.9	4.87	22.5	6.03	26.2	7.32	28.0	8.01	29.8	8.74	33.5	10.3	37.1	12.0
		37	18.9	5.16	22.5	6.40	26.2	7.77	28.0	8.52	29.8	9.29	33.5	11.0	37.1	12.8
		39	18.9	5.46	22.5	6.78	26.2	8.25	28.0	9.05	29.8	9.88	33.5	11.7	37.1	13.6
60%	210	10	16.2	2.81	19.3	3.29	22.4	3.81	24.0	4.08	25.6	4.36	28.7	4.93	31.8	5.52
		12	16.2	2.85	19.3	3.34	22.4	3.87	24.0	4.15	25.6	4.43	28.7	5.02	31.8	5.62
		14	16.2	2.89	19.3	3.40	22.4	3.94	24.0	4.22	25.6	4.51	28.7	5.11	31.8	5.73
		16	16.2	2.93	19.3	3.45	22.4	4.01	24.0	4.30	25.6	4.59	28.7	5.20	31.8	5.84
		18	16.2	2.98	19.3	3.51	22.4	4.08	24.0	4.37	25.6	4.68	28.7	5.30	31.8	5.95
		20	16.2	3.02	19.3	3.57	22.4	4.15	24.0	4.45	25.6	4.76	28.7	5.40	31.8	6.07
		21	16.2	3.05	19.3	3.60	22.4	4.19	24.0	4.49	25.6	4.81	28.7	5.45	31.8	6.13
		23	16.2	3.10	19.3	3.66	22.4	4.27	24.0	4.58	25.6	4.90	28.7	5.67	31.8	6.51
		25	16.2	3.15	19.3	3.73	22.4	4.43	24.0	4.81	25.6	5.21	28.7	6.05	31.8	6.96
		27	16.2	3.26	19.3	3.95	22.4	4.72	24.0	5.12	25.6	5.55	28.7	6.45	31.8	7.43
		29	16.2	3.46	19.3	4.20	22.4	5.01	24.0	5.45	25.6	5.91	28.7	6.88	31.8	7.92
		31	16.2	3.66	19.3	4.45	22.4	5.33	24.0	5.79	25.6	6.28	28.7	7.32	31.8	8.44
		33	16.2	3.87	19.3	4.72	22.4	5.65	24.0	6.15	25.6	6.68	28.7	7.79	31.8	8.99
		35	16.2	4.09	19.3	5.00	22.4	6.00	24.0	6.53	25.6	7.09	28.7	8.28	31.8	9.57
		37	16.2	4.33	19.3	5.29	22.4	6.36	24.0	6.93	25.6	7.53	28.7	8.80	31.8	10.2
		39	16.2	4.57	19.3	5.60	22.4	6.74	24.0	7.35	25.6	7.99	28.7	9.36	31.8	10.8
50%	175	10	13.5	2.41	16.1	2.79	18.7	3.19	20.0	3.40	21.3	3.62	23.9	4.06	26.5	4.53
		12	13.5	2.44	16.1	2.83	18.7	3.24	20.0	3.46	21.3	3.68	23.9	4.13	26.5	4.61
		14	13.5	2.48	16.1	2.87	18.7	3.29	20.0	3.51	21.3	3.74	23.9	4.20	26.5	4.69
		16	13.5	2.51	16.1	2.91	18.7	3.35	20.0	3.57	21.3	3.80	23.9	4.28	26.5	4.77
		18	13.5	2.54	16.1	2.96	18.7	3.40	20.0	3.63	21.3	3.87	23.9	4.35	26.5	4.86
		20	13.5	2.58	16.1	3.01	18.7	3.46	20.0	3.69	21.3	3.93	23.9	4.43	26.5	4.95
		21	13.5	2.60	16.1	3.03	18.7	3.49	20.0	3.73	21.3	3.97	23.9	4.47	26.5	5.00
		23	13.5	2.64	16.1	3.08	18.7	3.55	20.0	3.79	21.3	4.04	23.9	4.56	26.5	5.11
		25	13.5	2.68	16.1	3.13	18.7	3.61	20.0	3.87	21.3	4.17	23.9	4.79	26.5	5.46
		27	13.5	2.72	16.1	3.24	18.7	3.81	20.0	4.11	21.3	4.43	23.9	5.10	26.5	5.81
		29	13.5	2.88	16.1	3.43	18.7	4.04	20.0	4.37	21.3	4.71	23.9	5.42	26.5	6.19
		31	13.5	3.04	16.1	3.64	18.7	4.29	20.0	4.64	21.3	5.00	23.9	5.76	26.5	6.59
		33	13.5	3.21	16.1	3.85	18.7	4.54	20.0	4.91	21.3	5.30	23.9	6.12	26.5	7.00
		35	13.5	3.39	16.1	4.07	18.7	4.81	20.0	5.21	21.3	5.62	23.9	6.50	26.5	7.44
		37	13.5	3.58	16.1	4.30	18.7	5.09	20.0	5.52	21.3	5.96	23.9	6.90	26.5	7.90
		39	13.5	3.77	16.1	4.54	18.7	5.39	20.0	5.84	21.3	6.31	23.9	7.31	26.5	8.39

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

16HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	520	10	39.5	7.37	47.1	9.02	54.7	10.7	56.7	11.0	57.4	10.7	58.8	10.3	60.2	9.81
		12	39.5	7.50	47.1	9.19	54.7	10.9	55.9	10.9	56.7	10.7	58.1	10.2	59.5	10.1
		14	39.5	7.64	47.1	9.36	54.5	11.1	55.2	10.8	55.9	10.6	57.3	10.5	58.8	10.6
		16	39.5	7.79	47.1	9.55	53.8	11.0	54.5	10.9	55.2	11.0	56.6	11.1	58.0	11.2
		18	39.5	7.94	47.1	9.74	53.0	11.4	53.7	11.5	54.5	11.5	55.9	11.7	57.3	11.8
		20	39.5	8.10	47.1	10.4	52.3	12.0	53.0	12.1	53.7	12.1	55.2	12.2	56.6	12.4
		21	39.5	8.33	47.1	10.7	51.9	12.3	52.7	12.3	53.4	12.4	54.8	12.5	56.2	12.6
		23	39.5	8.92	47.1	11.5	51.2	12.8	51.9	12.9	52.6	13.0	54.1	13.1	55.5	13.2
		25	39.5	9.54	47.1	12.3	50.5	13.4	51.2	13.5	51.9	13.5	53.3	13.7	54.7	13.8
		27	39.5	10.2	47.1	13.2	49.7	14.0	50.5	14.0	51.2	14.1	52.6	14.3	54.0	14.4
		29	39.5	10.9	47.1	14.1	49.0	14.5	49.7	14.6	50.4	14.7	51.9	14.8	53.3	15.0
		31	39.5	11.6	46.9	14.9	48.3	15.1	49.0	15.2	49.7	15.3	51.1	15.4	52.5	15.6
		33	39.5	12.4	46.1	15.5	47.5	15.7	48.3	15.7	49.0	15.8	50.4	16.0	51.8	16.2
		35	39.5	13.2	45.4	16.1	46.8	16.2	47.5	16.3	48.2	16.4	49.7	16.6	51.1	16.8
		37	39.5	14.0	44.7	16.6	46.1	16.8	46.8	16.9	47.5	17.0	48.9	17.2	50.4	17.4
		39	39.5	14.9	43.9	17.2	45.4	17.4	46.1	17.5	46.8	17.6	48.2	17.8	49.6	18.0
120%	480	10	36.4	6.73	43.5	8.22	50.5	9.78	54.0	10.6	56.5	11.0	57.8	10.6	59.1	10.2
		12	36.4	6.85	43.5	8.38	50.5	9.96	54.0	10.8	55.8	11.0	57.1	10.5	58.4	10.1
		14	36.4	6.98	43.5	8.54	50.5	10.2	54.0	11.0	55.0	10.9	56.3	10.5	57.7	10.5
		16	36.4	7.11	43.5	8.70	50.5	10.4	53.6	11.1	54.3	10.9	55.6	11.0	56.9	11.1
		18	36.4	7.25	43.5	8.87	50.5	10.7	52.9	11.4	53.6	11.5	54.9	11.6	56.2	11.7
		20	36.4	7.40	43.5	9.23	50.5	11.5	52.2	12.0	52.8	12.0	54.1	12.1	55.5	12.3
		21	36.4	7.47	43.5	9.56	50.5	11.9	51.8	12.3	52.5	12.3	53.8	12.4	55.1	12.5
		23	36.4	7.98	43.5	10.2	50.4	12.8	51.1	12.8	51.7	12.9	53.0	13.0	54.4	13.1
		25	36.4	8.52	43.5	11.0	49.7	13.3	50.3	13.4	51.0	13.4	52.3	13.6	53.6	13.7
		27	36.4	9.10	43.5	11.7	49.0	13.9	49.6	13.9	50.3	14.0	51.6	14.1	52.9	14.3
		29	36.4	9.71	43.5	12.5	48.2	14.4	48.9	14.5	49.5	14.6	50.9	14.7	52.2	14.9
		31	36.4	10.3	43.5	13.4	47.5	15.0	48.1	15.1	48.8	15.2	50.1	15.3	51.4	15.5
		33	36.4	11.0	43.5	14.2	46.8	15.6	47.4	15.6	48.1	15.7	49.4	15.9	50.7	16.0
		35	36.4	11.7	43.5	15.2	46.0	16.1	46.7	16.2	47.3	16.3	48.7	16.5	50.0	16.6
		37	36.4	12.5	43.5	16.2	45.3	16.7	46.0	16.8	46.6	16.9	47.9	17.1	49.2	17.2
		39	36.4	13.3	43.2	17.1	44.6	17.3	45.2	17.4	45.9	17.5	47.2	17.7	48.5	17.8
110%	440	10	33.4	6.11	39.8	7.44	46.3	8.84	49.5	9.56	52.7	10.3	56.8	10.9	58.0	10.5
		12	33.4	6.22	39.8	7.58	46.3	9.01	49.5	9.74	52.7	10.5	56.1	10.9	57.3	10.5
		14	33.4	6.34	39.8	7.73	46.3	9.18	49.5	9.92	52.7	10.7	55.3	10.8	56.5	10.5
		16	33.4	6.45	39.8	7.87	46.3	9.36	49.5	10.1	52.7	10.9	54.6	10.9	55.8	11.0
		18	33.4	6.58	39.8	8.03	46.3	9.54	49.5	10.4	52.7	11.4	53.9	11.5	55.1	11.6
		20	33.4	6.70	39.8	8.19	46.3	10.1	49.5	11.2	51.9	12.0	53.1	12.1	54.3	12.2
		21	33.4	6.77	39.8	8.44	46.3	10.5	49.5	11.6	51.6	12.2	52.8	12.3	54.0	12.4
		23	33.4	7.09	39.8	9.03	46.3	11.2	49.5	12.4	50.8	12.8	52.0	12.9	53.2	13.0
		25	33.4	7.57	39.8	9.66	46.3	12.0	49.5	13.3	50.1	13.4	51.3	13.5	52.5	13.6
		27	33.4	8.07	39.8	10.3	46.3	12.9	48.8	13.9	49.4	13.9	50.6	14.0	51.8	14.2
		29	33.4	8.60	39.8	11.0	46.3	13.7	48.0	14.4	48.6	14.5	49.8	14.6	51.0	14.7
		31	33.4	9.16	39.8	11.8	46.3	14.7	47.3	15.0	47.9	15.0	49.1	15.2	50.3	15.3
		33	33.4	9.75	39.8	12.5	46.0	15.5	46.6	15.5	47.2	15.6	48.4	15.8	49.6	15.9
		35	33.4	10.4	39.8	13.3	45.2	16.0	45.8	16.1	46.4	16.2	47.6	16.3	48.9	16.5
		37	33.4	11.0	39.8	14.2	44.5	16.6	45.1	16.7	45.7	16.8	46.9	16.9	48.1	17.1
		39	33.4	11.7	39.8	15.1	43.8	17.2	44.4	17.3	45.0	17.3	46.2	17.5	47.4	17.7
100%	400	10	30.4	5.51	36.2	6.69	42.1	7.92	45.0	8.56	47.9	9.20	53.8	10.5	56.9	10.9
		12	30.4	5.61	36.2	6.81	42.1	8.07	45.0	8.72	47.9	9.38	53.8	10.7	56.2	10.8
		14	30.4	5.71	36.2	6.93	42.1	8.22	45.0	8.89	47.9	9.56	53.8	10.9	55.4	10.8
		16	30.4	5.81	36.2	7.07	42.1	8.38	45.0	9.06	47.9	9.74	53.6	11.1	54.7	10.9
		18	30.4	5.92	36.2	7.20	42.1	8.55	45.0	9.24	47.9	9.94	52.9	11.4	54.0	11.5
		20	30.4	6.03	36.2	7.34	42.1	8.80	45.0	9.70	47.9	10.6	52.1	12.0	53.2	12.1
		21	30.4	6.09	36.2	7.42	42.1	9.12	45.0	10.0	47.9	11.0	51.8	12.3	52.9	12.4
		23	30.4	6.25	36.2	7.91	42.1	9.77	45.0	10.8	47.9	11.8	51.0	12.8	52.1	12.9
		25	30.4	6.67	36.2	8.45	42.1	10.4	45.0	11.5	47.9	12.7	50.3	13.4	51.4	13.5
		27	30.4	7.11	36.2	9.02	42.1	11.2	45.0	12.3	47.9	13.5	49.6	13.9	50.7	14.1
		29	30.4	7.57	36.2	9.62	42.1	11.9	45.0	13.2	47.7	14.4	48.8	14.5	49.9	14.6
		31	30.4	8.06	36.2	10.3	42.1	12.7	45.0	14.1	47.0	14.9	48.1	15.1	49.2	15.2
		33	30.4	8.57	36.2	10.9	42.1	13.6	45.0	15.0	46.3	15.5	47.4	15.6	48.5	15.8
		35	30.4	9.11	36.2	11.6	42.1	14.5	45.0	16.0	45.5	16.1	46.6	16.2	47.7	16.4
		37	30.4	9.68	36.2	12.4	42.1	15.4	44.3	16.6	44.8	16.6	45.9	16.8	47.0	16.9
		39	30.4	10.3	36.2	13.2	42.1	16.4	43.5	17.1	44.1	17.2	45.2	17.4	46.3	17.5
90%	360	10	27.3	4.94	32.6	5.95	37.9	7.03	40.5	7.58	43.1	8.15	48.4	9.31	53.7	10.5
		12	27.3	5.02	32.6	6.06	37.9	7.16	40.5	7.72	43.1	8.30	48.4	9.49	53.7	10.7
		14	27.3	5.11	32.6	6.17	37.9	7.29	40.5	7.87	43.1	8.46	48.4	9.67	53.7	10.9
		16	27.3	5.19	32.6	6.28	37.9	7.43	40.5	8.02	43.1	8.63	48.4	9.86	53.6	11.1
		18	27.3	5.29	32.6	6.40	37.9	7.57	40.5	8.18	43.1	8.80	48.4	10.1	52.8	11.4
		20	27.3	5.39	32.6	6.52	37.9	7.72	40.5	8.34	43.1	9.12	48.4	10.8	52.1	12.0
		21	27.3	5.44	32.6	6.59	37.9	7.86	40.5	8.64	43.1	9.45	48.4	11.2	51.7	12.3
		23	27.3	5.54	32.6	6.86	37.9	8.41	40.5	9.25	43.1	10.1	48.4	12.0	51.0	12.8
		25	27.3	5.83	32.6	7.32	37.9	8.99	40.5	9.89	43.1	10.8	48.4	12.9	50.3	13.4
		27	27.3	6.21	32.6	7.81	37.9	9.60	40.5	10.6	43.1	11.6	48.4	13.8	49.5	13.9
		29	27.3	6.61	32.6	8.32	37.9	10.2	40.5	11.3	43.1	12.4	47.8	14.4	48.8	14.5
		31	27.3	7.03	32.6	8.86	37.9	10.9	40.5	12.0	43.1	13.2	47.1	15.0	48.1	15.1
		33	27.3	7.46	32.6	9.43	37.9	11.6	40.5	12.8	43.1	14.1	46.4	15.5	47.4	15.6
		35	27.3	7.92	32.6	10.0	37.9	12.4	40.5	13.7	43.1	15.0	45.6	16.1	46.6	16.2
		37	27.3	8.41	32.6	10.7	37.9	13.2	40.5	14.6	43.1	16.0	44.9	16.7	45.9	16.8
		39	27.3	8.92	32.6	11.3	37.9	14.0	40.5	15.5	43.1	17.0	44.2	17.2	45.2	17.4

3 Capacity tables

3 - 1 Cooling capacity tables

16HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	320	10	24.3	4.38	29.0	5.25	33.7	6.16	36.0	6.64	38.3	7.13	43.0	8.13	47.7	9.15
		12	24.3	4.45	29.0	5.34	33.7	6.27	36.0	6.76	38.3	7.26	43.0	8.28	47.7	9.33
		14	24.3	4.53	29.0	5.43	33.7	6.39	36.0	6.89	38.3	7.39	43.0	8.44	47.7	9.51
		16	24.3	4.60	29.0	5.53	33.7	6.51	36.0	7.02	38.3	7.54	43.0	8.60	47.7	9.69
		18	24.3	4.68	29.0	5.63	33.7	6.63	36.0	7.15	38.3	7.68	43.0	8.77	47.7	9.88
		20	24.3	4.76	29.0	5.73	33.7	6.76	36.0	7.29	38.3	7.84	43.0	9.09	47.7	10.6
		21	24.3	4.81	29.0	5.79	33.7	6.83	36.0	7.37	38.3	8.00	43.0	9.41	47.7	11.0
		23	24.3	4.90	29.0	5.90	33.7	7.16	36.0	7.84	38.3	8.56	43.0	10.1	47.7	11.7
		25	24.3	5.06	29.0	6.28	33.7	7.65	36.0	8.38	38.3	9.15	43.0	10.8	47.7	12.6
		27	24.3	5.38	29.0	6.69	33.7	8.16	36.0	8.95	38.3	9.77	43.0	11.5	47.7	13.5
		29	24.3	5.71	29.0	7.12	33.7	8.69	36.0	9.54	38.3	10.4	43.0	12.3	47.7	14.4
		31	24.3	6.07	29.0	7.58	33.7	9.26	36.0	10.2	38.3	11.1	43.0	13.2	47.0	14.9
		33	24.3	6.44	29.0	8.05	33.7	9.86	36.0	10.8	38.3	11.8	43.0	14.0	46.2	15.5
		35	24.3	6.83	29.0	8.55	33.7	10.5	36.0	11.5	38.3	12.6	43.0	15.0	45.5	16.1
		37	24.3	7.24	29.0	9.08	33.7	11.1	36.0	12.3	38.3	13.4	43.0	15.9	44.8	16.6
		39	24.3	7.67	29.0	9.64	33.7	11.9	36.0	13.0	38.3	14.3	43.0	17.0	44.0	17.2
70%	280	10	21.3	3.85	25.4	4.57	29.5	5.34	31.5	5.73	33.5	6.14	37.6	6.98	41.7	7.85
		12	21.3	3.91	25.4	4.65	29.5	5.43	31.5	5.84	33.5	6.25	37.6	7.11	41.7	8.00
		14	21.3	3.97	25.4	4.72	29.5	5.52	31.5	5.94	33.5	6.37	37.6	7.24	41.7	8.15
		16	21.3	4.04	25.4	4.81	29.5	5.62	31.5	6.05	33.5	6.48	37.6	7.38	41.7	8.31
		18	21.3	4.10	25.4	4.89	29.5	5.73	31.5	6.16	33.5	6.61	37.6	7.52	41.7	8.47
		20	21.3	4.17	25.4	4.98	29.5	5.84	31.5	6.28	33.5	6.74	37.6	7.67	41.7	8.71
		21	21.3	4.21	25.4	5.02	29.5	5.89	31.5	6.34	33.5	6.80	37.6	7.79	41.7	9.01
		23	21.3	4.28	25.4	5.12	29.5	6.01	31.5	6.56	33.5	7.13	37.6	8.34	41.7	9.66
		25	21.3	4.36	25.4	5.32	29.5	6.41	31.5	7.00	33.5	7.61	37.6	8.92	41.7	10.3
		27	21.3	4.60	25.4	5.66	29.5	6.83	31.5	7.46	33.5	8.12	37.6	9.52	41.7	11.0
		29	21.3	4.89	25.4	6.02	29.5	7.27	31.5	7.95	33.5	8.65	37.6	10.2	41.7	11.8
		31	21.3	5.18	25.4	6.39	29.5	7.74	31.5	8.46	33.5	9.22	37.6	10.8	41.7	12.6
		33	21.3	5.49	25.4	6.79	29.5	8.23	31.5	9.00	33.5	9.81	37.6	11.5	41.7	13.4
		35	21.3	5.82	25.4	7.20	29.5	8.74	31.5	9.57	33.5	10.4	37.6	12.3	41.7	14.3
		37	21.3	6.16	25.4	7.64	29.5	9.28	31.5	10.2	33.5	11.1	37.6	13.1	41.7	15.2
		39	21.3	6.51	25.4	8.10	29.5	9.86	31.5	10.8	33.5	11.8	37.6	13.9	41.7	16.2
60%	240	10	18.2	3.35	21.7	3.93	25.2	4.55	27.0	4.87	28.8	5.20	32.3	5.89	35.8	6.59
		12	18.2	3.40	21.7	3.99	25.2	4.63	27.0	4.96	28.8	5.29	32.3	5.99	35.8	6.71
		14	18.2	3.45	21.7	4.06	25.2	4.70	27.0	5.04	28.8	5.39	32.3	6.10	35.8	6.84
		16	18.2	3.50	21.7	4.12	25.2	4.78	27.0	5.13	28.8	5.48	32.3	6.21	35.8	6.97
		18	18.2	3.55	21.7	4.19	25.2	4.87	27.0	5.22	28.8	5.58	32.3	6.33	35.8	7.10
		20	18.2	3.61	21.7	4.26	25.2	4.96	27.0	5.32	28.8	5.69	32.3	6.45	35.8	7.24
		21	18.2	3.64	21.7	4.30	25.2	5.00	27.0	5.37	28.8	5.74	32.3	6.51	35.8	7.31
		23	18.2	3.70	21.7	4.37	25.2	5.09	27.0	5.47	28.8	5.85	32.3	6.77	35.8	7.78
		25	18.2	3.76	21.7	4.45	25.2	5.29	27.0	5.75	28.8	6.22	32.3	7.23	35.8	8.31
		27	18.2	3.90	21.7	4.72	25.2	5.63	27.0	6.12	28.8	6.63	32.3	7.71	35.8	8.87
		29	18.2	4.13	21.7	5.01	25.2	5.99	27.0	6.51	28.8	7.05	32.3	8.21	35.8	9.46
		31	18.2	4.37	21.7	5.32	25.2	6.36	27.0	6.92	28.8	7.50	32.3	8.74	35.8	10.1
		33	18.2	4.62	21.7	5.63	25.2	6.75	27.0	7.35	28.8	7.97	32.3	9.30	35.8	10.7
		35	18.2	4.89	21.7	5.97	25.2	7.16	27.0	7.80	28.8	8.47	32.3	9.89	35.8	11.4
		37	18.2	5.17	21.7	6.32	25.2	7.59	27.0	8.28	28.8	8.99	32.3	10.5	35.8	12.2
		39	18.2	5.46	21.7	6.69	25.2	8.05	27.0	8.78	28.8	9.54	32.3	11.2	35.8	12.9
50%	200	10	15.2	2.88	18.1	3.33	21.0	3.81	22.5	4.06	24.0	4.32	26.9	4.85	29.8	5.41
		12	15.2	2.92	18.1	3.38	21.0	3.87	22.5	4.13	24.0	4.39	26.9	4.93	29.8	5.50
		14	15.2	2.96	18.1	3.43	21.0	3.93	22.5	4.19	24.0	4.46	26.9	5.02	29.8	5.60
		16	15.2	3.00	18.1	3.48	21.0	4.00	22.5	4.26	24.0	4.54	26.9	5.11	29.8	5.70
		18	15.2	3.04	18.1	3.53	21.0	4.06	22.5	4.34	24.0	4.62	26.9	5.20	29.8	5.80
		20	15.2	3.08	18.1	3.59	21.0	4.13	22.5	4.41	24.0	4.70	26.9	5.29	29.8	5.91
		21	15.2	3.10	18.1	3.62	21.0	4.16	22.5	4.45	24.0	4.74	26.9	5.34	29.8	5.97
		23	15.2	3.15	18.1	3.68	21.0	4.24	22.5	4.53	24.0	4.83	26.9	5.44	29.8	6.11
		25	15.2	3.20	18.1	3.74	21.0	4.31	22.5	4.62	24.0	4.97	26.9	5.72	29.8	6.51
		27	15.2	3.25	18.1	3.87	21.0	4.55	22.5	4.91	24.0	5.29	26.9	6.09	29.8	6.94
		29	15.2	3.44	18.1	4.10	21.0	4.83	22.5	5.22	24.0	5.62	26.9	6.47	29.8	7.39
		31	15.2	3.63	18.1	4.34	21.0	5.12	22.5	5.53	24.0	5.97	26.9	6.88	29.8	7.86
		33	15.2	3.84	18.1	4.59	21.0	5.43	22.5	5.87	24.0	6.33	26.9	7.31	29.8	8.36
		35	15.2	4.05	18.1	4.86	21.0	5.74	22.5	6.22	24.0	6.71	26.9	7.76	29.8	8.89
		37	15.2	4.27	18.1	5.13	21.0	6.08	22.5	6.59	24.0	7.11	26.9	8.23	29.8	9.44
		39	15.2	4.50	18.1	5.42	21.0	6.43	22.5	6.97	24.0	7.54	26.9	8.73	29.8	10.0

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

18HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	585	10	44.2	6.40	52.7	7.83	61.3	9.3	63.5	9.5	64.3	9.3	65.9	8.93	67.5	8.53
		12	44.2	6.52	52.7	7.98	61.3	9.5	62.7	9.5	63.5	9.3	65.0	8.87	66.6	8.73
		14	44.2	6.64	52.7	8.14	61.0	9.6	61.8	9.4	62.6	9.2	64.2	9.1	65.8	9.2
		16	44.2	6.77	52.7	8.29	60.2	9.6	61.0	9.5	61.8	9.5	63.4	9.6	65.0	9.7
		18	44.2	6.90	52.7	8.46	59.4	9.9	60.2	10.0	61.0	10.0	62.6	10.1	64.2	10.2
		20	44.2	7.04	52.7	9.01	58.6	10.4	59.4	10.5	60.2	10.5	61.8	10.6	63.4	10.7
		21	44.2	7.24	52.7	9.3	58.2	10.7	59.0	10.7	59.8	10.8	61.4	10.9	63.0	11.0
		23	44.2	7.75	52.7	10.0	57.4	11.1	58.1	11.2	58.9	11.3	60.5	11.4	62.1	11.5
		25	44.2	8.29	52.7	10.7	56.5	11.6	57.3	11.7	58.1	11.8	59.7	11.9	61.3	12.0
		27	44.2	8.85	52.7	11.5	55.7	12.1	56.5	12.2	57.3	12.3	58.9	12.4	60.5	12.5
		29	44.2	9.4	52.7	12.2	54.9	12.6	55.7	12.7	56.5	12.8	58.1	12.9	59.7	13.0
		31	44.2	10.1	52.5	13.0	54.1	13.1	54.9	13.2	55.7	13.3	57.3	13.4	58.9	13.5
		33	44.2	10.7	51.7	13.5	53.3	13.6	54.0	13.7	54.8	13.8	56.4	13.9	58.0	14.1
		35	44.2	11.4	50.8	13.9	52.4	14.1	53.2	14.2	54.0	14.3	55.6	14.4	57.2	14.6
		37	44.2	12.2	50.0	14.4	51.6	14.6	52.4	14.7	53.2	14.8	54.8	14.9	56.4	15.1
		39	44.2	13.0	49.2	14.9	50.8	15.1	51.6	15.2	52.4	15.3	54.0	15.5	55.6	15.6
120%	540	10	40.8	5.85	48.7	7.14	56.5	8.49	60.5	9.2	63.3	9.6	64.7	9.2	66.2	8.84
		12	40.8	5.95	48.7	7.28	56.5	8.65	60.5	9.4	62.5	9.5	63.9	9.2	65.4	8.78
		14	40.8	6.07	48.7	7.42	56.5	8.82	60.5	9.5	61.6	9.5	63.1	9.1	64.6	9.2
		16	40.8	6.18	48.7	7.56	56.5	8.99	60.1	9.6	60.8	9.5	62.3	9.6	63.8	9.7
		18	40.8	6.30	48.7	7.71	56.5	9.3	59.3	9.9	60.0	10.0	61.5	10.1	62.9	10.2
		20	40.8	6.42	48.7	8.02	56.5	10.0	58.4	10.4	59.2	10.5	60.6	10.6	62.1	10.6
		21	40.8	6.49	48.7	8.30	56.5	10.4	58.0	10.7	58.8	10.7	60.2	10.8	61.7	10.9
		23	40.8	6.93	48.7	8.89	56.5	11.1	57.2	11.1	57.9	11.2	59.4	11.3	60.9	11.4
		25	40.8	7.40	48.7	9.5	55.6	11.6	56.4	11.6	57.1	11.7	58.6	11.8	60.1	11.9
		27	40.8	7.90	48.7	10.2	54.8	12.1	55.6	12.1	56.3	12.2	57.8	12.3	59.2	12.4
		29	40.8	8.43	48.7	10.9	54.0	12.5	54.7	12.6	55.5	12.7	57.0	12.8	58.4	12.9
		31	40.8	8.99	48.7	11.6	53.2	13.0	53.9	13.1	54.7	13.2	56.1	13.3	57.6	13.4
		33	40.8	9.6	48.7	12.4	52.4	13.5	53.1	13.6	53.8	13.7	55.3	13.8	56.8	13.9
		35	40.8	10.2	48.7	13.2	51.6	14.0	52.3	14.1	53.0	14.2	54.5	14.3	56.0	14.5
		37	40.8	10.8	48.7	14.1	50.7	14.5	51.5	14.6	52.2	14.7	53.7	14.8	55.1	15.0
		39	40.8	11.5	48.4	14.8	49.9	15.0	50.6	15.1	51.4	15.2	52.9	15.3	54.3	15.5
110%	495	10	37.4	5.31	44.6	6.47	51.8	7.68	55.4	8.30	59.0	8.93	63.6	9.5	65.0	9.2
		12	37.4	5.41	44.6	6.59	51.8	7.82	55.4	8.46	59.0	9.1	62.8	9.4	64.1	9.1
		14	37.4	5.50	44.6	6.71	51.8	7.97	55.4	8.62	59.0	9.3	62.0	9.4	63.3	9.1
		16	37.4	5.61	44.6	6.84	51.8	8.13	55.4	8.79	59.0	9.5	61.2	9.5	62.5	9.6
		18	37.4	5.71	44.6	6.97	51.8	8.29	55.4	9.03	59.0	9.9	60.3	10.0	61.7	10.1
		20	37.4	5.82	44.6	7.11	51.8	8.78	55.4	9.7	58.2	10.4	59.5	10.5	60.9	10.6
		21	37.4	5.88	44.6	7.33	51.8	9.1	55.4	10.1	57.8	10.6	59.1	10.7	60.5	10.8
		23	37.4	6.16	44.6	7.85	51.8	9.8	55.4	10.8	56.9	11.1	58.3	11.2	59.6	11.3
		25	37.4	6.58	44.6	8.39	51.8	10.4	55.4	11.6	56.1	11.6	57.5	11.7	58.8	11.8
		27	37.4	7.01	44.6	8.97	51.8	11.2	54.6	12.0	55.3	12.1	56.6	12.2	58.0	12.3
		29	37.4	7.48	44.6	9.6	51.8	11.9	53.8	12.5	54.5	12.6	55.8	12.7	57.2	12.8
		31	37.4	7.96	44.6	10.2	51.8	12.7	53.0	13.0	53.7	13.1	55.0	13.2	56.4	13.3
		33	37.4	8.47	44.6	10.9	51.5	13.4	52.2	13.5	52.8	13.6	54.2	13.7	55.5	13.8
		35	37.4	9.01	44.6	11.6	50.7	13.9	51.3	14.0	52.0	14.1	53.4	14.2	54.7	14.3
		37	37.4	9.6	44.6	12.3	49.8	14.4	50.5	14.5	51.2	14.6	52.5	14.7	53.9	14.8
		39	37.4	10.2	44.6	13.1	49.0	14.9	49.7	15.0	50.4	15.1	51.7	15.2	53.1	15.4
100%	450	10	34.0	4.79	40.6	5.81	47.1	6.88	50.4	7.43	53.7	8.00	60.2	9.1	63.7	9.5
		12	34.0	4.87	40.6	5.91	47.1	7.01	50.4	7.57	53.7	8.15	60.2	9.3	62.9	9.4
		14	34.0	4.96	40.6	6.02	47.1	7.14	50.4	7.72	53.7	8.30	60.2	9.5	62.1	9.4
		16	34.0	5.05	40.6	6.14	47.1	7.28	50.4	7.87	53.7	8.47	60.0	9.6	61.3	9.5
		18	34.0	5.14	40.6	6.26	47.1	7.43	50.4	8.03	53.7	8.63	59.2	9.9	60.4	10.0
		20	34.0	5.24	40.6	6.38	47.1	7.65	50.4	8.43	53.7	9.2	58.4	10.4	59.6	10.5
		21	34.0	5.29	40.6	6.44	47.1	7.92	50.4	8.73	53.7	9.6	58.0	10.6	59.2	10.7
		23	34.0	5.43	40.6	6.87	47.1	8.48	50.4	9.4	53.7	10.3	57.2	11.1	58.4	11.2
		25	34.0	5.80	40.6	7.34	47.1	9.08	50.4	10.0	53.7	11.0	56.3	11.6	57.6	11.7
		27	34.0	6.18	40.6	7.84	47.1	9.7	50.4	10.7	53.7	11.8	55.5	12.1	56.7	12.2
		29	34.0	6.58	40.6	8.36	47.1	10.4	50.4	11.4	53.5	12.5	54.7	12.6	55.9	12.7
		31	34.0	7.00	40.6	8.91	47.1	11.1	50.4	12.2	52.7	13.0	53.9	13.1	55.1	13.2
		33	34.0	7.44	40.6	9.5	47.1	11.8	50.4	13.0	51.8	13.5	53.1	13.6	54.3	13.7
		35	34.0	7.91	40.6	10.1	47.1	12.6	50.4	13.9	51.0	14.0	52.2	14.1	53.5	14.2
		37	34.0	8.41	40.6	10.7	47.1	13.4	49.6	14.4	50.2	14.5	51.4	14.6	52.6	14.7
		39	34.0	8.93	40.6	11.4	47.1	14.3	48.8	14.9	49.4	14.9	50.6	15.1	51.8	15.2
90%	405	10	30.6	4.29	36.5	5.17	42.4	6.10	45.4	6.59	48.3	7.08	54.2	8.09	60.1	9.1
		12	30.6	4.36	36.5	5.26	42.4	6.22	45.4	6.71	48.3	7.21	54.2	8.24	60.1	9.3
		14	30.6	4.44	36.5	5.36	42.4	6.33	45.4	6.84	48.3	7.35	54.2	8.40	60.1	9.5
		16	30.6	4.51	36.5	5.46	42.4	6.45	45.4	6.97	48.3	7.49	54.2	8.56	60.0	9.6
		18	30.6	4.59	36.5	5.56	42.4	6.58	45.4	7.11	48.3	7.64	54.2	8.73	59.2	9.9
		20	30.6	4.68	36.5	5.67	42.4	6.71	45.4	7.25	48.3	7.93	54.2	9.4	58.4	10.4
		21	30.6	4.72	36.5	5.72	42.4	6.83	45.4	7.50	48.3	8.21	54.2	9.7	58.0	10.6
		23	30.6	4.81	36.5	5.96	42.4	7.31	45.4	8.03	48.3	8.80	54.2	10.4	57.1	11.1
		25	30.6	5.07	36.5	6.36	42.4	7.81	45.4	8.59	48.3	9.4	54.2	11.2	56.3	11.6
		27	30.6	5.40	36.5	6.79	42.4	8.34	45.4	9.2	48.3	10.1	54.2	11.9	55.5	12.1
		29	30.6	5.74	36.5	7.23	42.4	8.90	45.4	9.8	48.3	10.7	53.6	12.5	54.7	12.6
		31	30.6	6.10	36.5	7.70	42.4	9.5	45.4	10.5	48.3	11.5	52.8	13.0	53.9	13.1
		33	30.6	6.48	36.5	8.19	42.4	10.1	45.4	11.1	48.3	12.2	51.9	13.5	53.0	13.6
		35	30.6	6.88	36.5	8.71	42.4	10.8	45.4	11.9	48.3	13.0	51.1	14.0	52.2	14.1
		37	30.6	7.31	36.5	9.3	42.4	11.5	45.4	12.6	48.3	13.9	50.3	14.5	51.4	14.6
		39	30.6	7.75	36.5	9.8	42.4	12.2	45.4	13.5	48.3	14.8	49.5	15.0	50.6	15.1

3 Capacity tables

3 - 1 Cooling capacity tables

18HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	360	10	27.2	3.81	32.5	4.56	37.7	5.35	40.3	5.77	42.9	6.19	48.2	7.06	53.4	7.95
		12	27.2	3.87	32.5	4.64	37.7	5.45	40.3	5.87	42.9	6.31	48.2	7.19	53.4	8.10
		14	27.2	3.93	32.5	4.72	37.7	5.55	40.3	5.98	42.9	6.42	48.2	7.33	53.4	8.26
		16	27.2	4.00	32.5	4.80	37.7	5.65	40.3	6.10	42.9	6.55	48.2	7.47	53.4	8.42
		18	27.2	4.07	32.5	4.89	37.7	5.76	40.3	6.21	42.9	6.67	48.2	7.62	53.4	8.59
		20	27.2	4.14	32.5	4.98	37.7	5.87	40.3	6.34	42.9	6.81	48.2	7.90	53.4	9.2
		21	27.2	4.18	32.5	5.03	37.7	5.93	40.3	6.40	42.9	6.95	48.2	8.18	53.4	9.5
		23	27.2	4.25	32.5	5.13	37.7	6.22	40.3	6.81	42.9	7.44	48.2	8.76	53.4	10.2
		25	27.2	4.39	32.5	5.46	37.7	6.64	40.3	7.28	42.9	7.95	48.2	9.4	53.4	10.9
		27	27.2	4.67	32.5	5.81	37.7	7.09	40.3	7.77	42.9	8.49	48.2	10.0	53.4	11.7
		29	27.2	4.96	32.5	6.19	37.7	7.55	40.3	8.29	42.9	9.06	48.2	10.7	53.4	12.5
		31	27.2	5.27	32.5	6.58	37.7	8.04	40.3	8.83	42.9	9.7	48.2	11.4	52.6	13.0
		33	27.2	5.59	32.5	7.00	37.7	8.56	40.3	9.4	42.9	10.3	48.2	12.2	51.8	13.5
		35	27.2	5.93	32.5	7.43	37.7	9.1	40.3	10.0	42.9	11.0	48.2	13.0	51.0	14.0
		37	27.2	6.29	32.5	7.89	37.7	9.7	40.3	10.7	42.9	11.7	48.2	13.8	50.1	14.4
		39	27.2	6.66	32.5	8.38	37.7	10.3	40.3	11.3	42.9	12.4	48.2	14.7	49.3	14.9
70%	315	10	23.8	3.35	28.4	3.97	33.0	4.64	35.3	4.98	37.6	5.34	42.2	6.06	46.8	6.82
		12	23.8	3.40	28.4	4.04	33.0	4.72	35.3	5.07	37.6	5.43	42.2	6.18	46.8	6.95
		14	23.8	3.45	28.4	4.10	33.0	4.80	35.3	5.16	37.6	5.53	42.2	6.29	46.8	7.08
		16	23.8	3.51	28.4	4.17	33.0	4.89	35.3	5.26	37.6	5.63	42.2	6.41	46.8	7.22
		18	23.8	3.56	28.4	4.25	33.0	4.98	35.3	5.35	37.6	5.74	42.2	6.54	46.8	7.36
		20	23.8	3.62	28.4	4.32	33.0	5.07	35.3	5.46	37.6	5.85	42.2	6.67	46.8	7.56
		21	23.8	3.65	28.4	4.36	33.0	5.12	35.3	5.51	37.6	5.91	42.2	6.77	46.8	7.83
		23	23.8	3.72	28.4	4.45	33.0	5.22	35.3	5.70	37.6	6.19	42.2	7.25	46.8	8.39
		25	23.8	3.78	28.4	4.62	33.0	5.57	35.3	6.08	37.6	6.61	42.2	7.75	46.8	8.97
		27	23.8	4.00	28.4	4.92	33.0	5.94	35.3	6.48	37.6	7.05	42.2	8.27	46.8	9.6
		29	23.8	4.25	28.4	5.23	33.0	6.32	35.3	6.91	37.6	7.52	42.2	8.83	46.8	10.2
		31	23.8	4.50	28.4	5.55	33.0	6.72	35.3	7.35	37.6	8.01	42.2	9.4	46.8	10.9
		33	23.8	4.77	28.4	5.90	33.0	7.15	35.3	7.82	37.6	8.52	42.2	10.0	46.8	11.7
		35	23.8	5.05	28.4	6.26	33.0	7.59	35.3	8.31	37.6	9.07	42.2	10.7	46.8	12.4
		37	23.8	5.35	28.4	6.63	33.0	8.06	35.3	8.83	37.6	9.6	42.2	11.4	46.8	13.2
		39	23.8	5.66	28.4	7.03	33.0	8.56	35.3	9.4	37.6	10.2	42.2	12.1	46.8	14.1
60%	270	10	20.4	2.91	24.3	3.42	28.3	3.95	30.2	4.23	32.2	4.52	36.1	5.11	40.1	5.73
		12	20.4	2.95	24.3	3.47	28.3	4.02	30.2	4.30	32.2	4.60	36.1	5.20	40.1	5.83
		14	20.4	3.00	24.3	3.52	28.3	4.09	30.2	4.38	32.2	4.68	36.1	5.30	40.1	5.94
		16	20.4	3.04	24.3	3.58	28.3	4.16	30.2	4.46	32.2	4.76	36.1	5.40	40.1	6.05
		18	20.4	3.09	24.3	3.64	28.3	4.23	30.2	4.54	32.2	4.85	36.1	5.50	40.1	6.17
		20	20.4	3.14	24.3	3.70	28.3	4.31	30.2	4.62	32.2	4.94	36.1	5.60	40.1	6.29
		21	20.4	3.16	24.3	3.73	28.3	4.34	30.2	4.66	32.2	4.99	36.1	5.66	40.1	6.35
		23	20.4	3.21	24.3	3.80	28.3	4.43	30.2	4.75	32.2	5.08	36.1	5.88	40.1	6.76
		25	20.4	3.27	24.3	3.87	28.3	4.60	30.2	4.99	32.2	5.40	36.1	6.28	40.1	7.22
		27	20.4	3.38	24.3	4.10	28.3	4.89	30.2	5.31	32.2	5.76	36.1	6.69	40.1	7.70
		29	20.4	3.59	24.3	4.35	28.3	5.20	30.2	5.65	32.2	6.13	36.1	7.13	40.1	8.22
		31	20.4	3.80	24.3	4.62	28.3	5.52	30.2	6.01	32.2	6.52	36.1	7.59	40.1	8.76
		33	20.4	4.02	24.3	4.89	28.3	5.86	30.2	6.38	32.2	6.93	36.1	8.08	40.1	9.3
		35	20.4	4.25	24.3	5.18	28.3	6.22	30.2	6.78	32.2	7.36	36.1	8.59	40.1	9.9
		37	20.4	4.49	24.3	5.49	28.3	6.60	30.2	7.19	32.2	7.81	36.1	9.1	40.1	10.6
		39	20.4	4.74	24.3	5.81	28.3	6.99	30.2	7.63	32.2	8.29	36.1	9.7	40.1	11.2
50%	225	10	17.0	2.50	20.3	2.90	23.6	3.31	25.2	3.53	26.8	3.75	30.1	4.22	33.4	4.70
		12	17.0	2.53	20.3	2.94	23.6	3.36	25.2	3.59	26.8	3.81	30.1	4.29	33.4	4.78
		14	17.0	2.57	20.3	2.98	23.6	3.42	25.2	3.64	26.8	3.88	30.1	4.36	33.4	4.86
		16	17.0	2.60	20.3	3.02	23.6	3.47	25.2	3.70	26.8	3.94	30.1	4.44	33.4	4.95
		18	17.0	2.64	20.3	3.07	23.6	3.53	25.2	3.77	26.8	4.01	30.1	4.52	33.4	5.04
		20	17.0	2.68	20.3	3.12	23.6	3.59	25.2	3.83	26.8	4.08	30.1	4.60	33.4	5.14
		21	17.0	2.70	20.3	3.14	23.6	3.62	25.2	3.86	26.8	4.12	30.1	4.64	33.4	5.19
		23	17.0	2.74	20.3	3.19	23.6	3.68	25.2	3.93	26.8	4.19	30.1	4.73	33.4	5.31
		25	17.0	2.78	20.3	3.25	23.6	3.75	25.2	4.02	26.8	4.32	30.1	4.97	33.4	5.66
		27	17.0	2.82	20.3	3.36	23.6	3.95	25.2	4.27	26.8	4.60	30.1	5.29	33.4	6.03
		29	17.0	2.99	20.3	3.56	23.6	4.20	25.2	4.53	26.8	4.88	30.1	5.62	33.4	6.42
		31	17.0	3.16	20.3	3.77	23.6	4.45	25.2	4.81	26.8	5.18	30.1	5.98	33.4	6.83
		33	17.0	3.33	20.3	3.99	23.6	4.71	25.2	5.10	26.8	5.50	30.1	6.35	33.4	7.26
		35	17.0	3.52	20.3	4.22	23.6	4.99	25.2	5.40	26.8	5.83	30.1	6.74	33.4	7.72
		37	17.0	3.71	20.3	4.46	23.6	5.28	25.2	5.72	26.8	6.18	30.1	7.15	33.4	8.20
		39	17.0	3.91	20.3	4.71	23.6	5.59	25.2	6.06	26.8	6.55	30.1	7.59	33.4	8.71

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	650	10	49.1	7.37	58.6	9.02	68.1	10.7	70.5	11.0	71.4	10.7	73.2	10.3	75.0	9.81
		12	49.1	7.50	58.6	9.19	68.1	10.9	69.6	10.9	70.5	10.7	72.3	10.2	74.0	10.1
		14	49.1	7.64	58.6	9.36	67.8	11.1	68.7	10.8	69.6	10.6	71.4	10.5	73.1	10.6
		16	49.1	7.79	58.6	9.55	66.9	11.0	67.8	10.9	68.7	11.0	70.5	11.1	72.2	11.2
		18	49.1	7.94	58.6	9.74	66.0	11.4	66.9	11.5	67.8	11.5	69.5	11.7	71.3	11.8
		20	49.1	8.10	58.6	10.4	65.1	12.0	66.0	12.1	66.9	12.1	68.6	12.2	70.4	12.4
		21	49.1	8.33	58.6	10.7	64.6	12.3	65.5	12.3	66.4	12.4	68.2	12.5	69.9	12.6
		23	49.1	8.92	58.6	11.5	63.7	12.8	64.6	12.9	65.5	13.0	67.3	13.1	69.0	13.2
		25	49.1	9.54	58.6	12.3	62.8	13.4	63.7	13.5	64.6	13.5	66.4	13.7	68.1	13.8
		27	49.1	10.2	58.6	13.2	61.9	14.0	62.8	14.0	63.7	14.1	65.4	14.3	67.2	14.4
		29	49.1	10.9	58.6	14.1	61.0	14.5	61.9	14.6	62.8	14.7	64.5	14.8	66.3	15.0
		31	49.1	11.6	58.3	14.9	60.1	15.1	61.0	15.2	61.9	15.3	63.6	15.4	65.4	15.6
		33	49.1	12.4	57.4	15.5	59.2	15.7	60.1	15.7	60.9	15.8	62.7	16.0	64.5	16.2
		35	49.1	13.2	56.5	16.1	58.3	16.2	59.1	16.3	60.0	16.4	61.8	16.6	63.6	16.8
		37	49.1	14.0	55.6	16.6	57.3	16.8	58.2	16.9	59.1	17.0	60.9	17.2	62.7	17.4
		39	49.1	14.9	54.7	17.2	56.4	17.4	57.3	17.5	58.2	17.6	60.0	17.8	61.8	18.0
120%	600	10	45.4	6.73	54.1	8.22	62.8	9.78	67.2	10.6	70.3	11.0	71.9	10.6	73.6	10.2
		12	45.4	6.85	54.1	8.38	62.8	9.96	67.2	10.8	69.4	11.0	71.0	10.5	72.7	10.1
		14	45.4	6.98	54.1	8.54	62.8	10.2	67.2	11.0	68.5	10.9	70.1	10.5	71.7	10.5
		16	45.4	7.11	54.1	8.70	62.8	10.4	66.7	11.1	67.6	10.9	69.2	11.0	70.8	11.1
		18	45.4	7.25	54.1	8.87	62.8	10.7	65.8	11.4	66.7	11.5	68.3	11.6	69.9	11.7
		20	45.4	7.40	54.1	9.23	62.8	11.5	64.9	12.0	65.7	12.0	67.4	12.1	69.0	12.3
		21	45.4	7.47	54.1	9.56	62.8	11.9	64.5	12.3	65.3	12.3	66.9	12.4	68.6	12.5
		23	45.4	7.98	54.1	10.2	62.7	12.8	63.6	12.8	64.4	12.9	66.0	13.0	67.6	13.1
		25	45.4	8.52	54.1	11.0	61.8	13.3	62.7	13.4	63.5	13.4	65.1	13.6	66.7	13.7
		27	45.4	9.10	54.1	11.7	60.9	13.9	61.7	13.9	62.6	14.0	64.2	14.1	65.8	14.3
		29	45.4	9.71	54.1	12.5	60.0	14.4	60.8	14.5	61.6	14.6	63.3	14.7	64.9	14.9
		31	45.4	10.3	54.1	13.4	59.1	15.0	59.9	15.1	60.7	15.2	62.4	15.3	64.0	15.5
		33	45.4	11.0	54.1	14.2	58.2	15.6	59.0	15.6	59.8	15.7	61.5	15.9	63.1	16.0
		35	45.4	11.7	54.1	15.2	57.3	16.1	58.1	16.2	58.9	16.3	60.5	16.5	62.2	16.6
		37	45.4	12.5	54.1	16.2	56.4	16.7	57.2	16.8	58.0	16.9	59.6	17.1	61.3	17.2
		39	45.4	13.3	53.8	17.1	55.5	17.3	56.3	17.4	57.1	17.5	58.7	17.7	60.4	17.8
110%	550	10	41.6	6.11	49.6	7.44	57.6	8.84	61.6	9.56	65.6	10.3	70.7	10.9	72.2	10.5
		12	41.6	6.22	49.6	7.58	57.6	9.01	61.6	9.74	65.6	10.5	69.8	10.9	71.3	10.5
		14	41.6	6.34	49.6	7.73	57.6	9.18	61.6	9.92	65.6	10.7	68.9	10.8	70.4	10.5
		16	41.6	6.45	49.6	7.87	57.6	9.36	61.6	10.1	65.6	10.9	68.0	10.9	69.4	11.0
		18	41.6	6.58	49.6	8.03	57.6	9.54	61.6	10.4	65.5	11.4	67.0	11.5	68.5	11.6
		20	41.6	6.70	49.6	8.19	57.6	10.1	61.6	11.2	64.6	12.0	66.1	12.1	67.6	12.2
		21	41.6	6.77	49.6	8.44	57.6	10.5	61.6	11.6	64.2	12.2	65.7	12.3	67.2	12.4
		23	41.6	7.09	49.6	9.03	57.6	11.2	61.6	12.4	63.3	12.8	64.8	12.9	66.3	13.0
		25	41.6	7.57	49.6	9.66	57.6	12.0	61.6	13.3	62.4	13.4	63.9	13.5	65.4	13.6
		27	41.6	8.07	49.6	10.3	57.6	12.9	60.7	13.9	61.4	13.9	62.9	14.0	64.4	14.2
		29	41.6	8.60	49.6	11.0	57.6	13.7	59.8	14.4	60.5	14.5	62.0	14.6	63.5	14.7
		31	41.6	9.16	49.6	11.8	57.6	14.7	58.9	15.0	59.6	15.0	61.1	15.2	62.6	15.3
		33	41.6	9.75	49.6	12.5	57.2	15.5	58.0	15.5	58.7	15.6	60.2	15.8	61.7	15.9
		35	41.6	10.4	49.6	13.3	56.3	16.0	57.0	16.1	57.8	16.2	59.3	16.3	60.8	16.5
		37	41.6	11.0	49.6	14.2	55.4	16.6	56.1	16.7	56.9	16.8	58.4	16.9	59.9	17.1
		39	41.6	11.7	49.6	15.1	54.5	17.2	55.2	17.3	56.0	17.3	57.5	17.5	59.0	17.7
100%	500	10	37.8	5.51	45.1	6.69	52.4	7.92	56.0	8.56	59.6	9.20	66.9	10.5	70.8	10.9
		12	37.8	5.61	45.1	6.81	52.4	8.07	56.0	8.72	59.6	9.38	66.9	10.7	69.9	10.8
		14	37.8	5.71	45.1	6.93	52.4	8.22	56.0	8.89	59.6	9.56	66.9	10.9	69.0	10.8
		16	37.8	5.81	45.1	7.07	52.4	8.38	56.0	9.06	59.6	9.74	66.7	11.1	68.1	10.9
		18	37.8	5.92	45.1	7.20	52.4	8.55	56.0	9.24	59.6	9.94	65.8	11.4	67.1	11.5
		20	37.8	6.03	45.1	7.34	52.4	8.80	56.0	9.70	59.6	10.6	64.9	12.0	66.2	12.1
		21	37.8	6.09	45.1	7.42	52.4	9.12	56.0	10.0	59.6	11.0	64.4	12.3	65.8	12.4
		23	37.8	6.25	45.1	7.91	52.4	9.77	56.0	10.8	59.6	11.8	63.5	12.8	64.9	12.9
		25	37.8	6.67	45.1	8.45	52.4	10.4	56.0	11.5	59.6	12.7	62.6	13.4	64.0	13.5
		27	37.8	7.11	45.1	9.02	52.4	11.2	56.0	12.3	59.6	13.5	61.7	13.9	63.1	14.1
		29	37.8	7.57	45.1	9.62	52.4	11.9	56.0	13.2	59.4	14.4	60.8	14.5	62.1	14.6
		31	37.8	8.06	45.1	10.3	52.4	12.7	56.0	14.1	58.5	14.9	59.9	15.1	61.2	15.2
		33	37.8	8.57	45.1	10.9	52.4	13.6	56.0	15.0	57.6	15.5	59.0	15.6	60.3	15.8
		35	37.8	9.11	45.1	11.6	52.4	14.5	56.0	16.0	56.7	16.1	58.0	16.2	59.4	16.4
		37	37.8	9.68	45.1	12.4	52.4	15.4	55.1	16.6	55.8	16.6	57.1	16.8	58.5	16.9
		39	37.8	10.3	45.1	13.2	52.4	16.4	54.2	17.1	54.9	17.2	56.2	17.4	57.6	17.5
90%	450	10	34.0	4.94	40.6	5.95	47.1	7.03	50.4	7.58	53.7	8.15	60.2	9.31	66.8	10.5
		12	34.0	5.02	40.6	6.06	47.1	7.16	50.4	7.72	53.7	8.30	60.2	9.49	66.8	10.7
		14	34.0	5.11	40.6	6.17	47.1	7.29	50.4	7.87	53.7	8.46	60.2	9.67	66.8	10.9
		16	34.0	5.19	40.6	6.28	47.1	7.43	50.4	8.02	53.7	8.63	60.2	9.86	66.7	11.1
		18	34.0	5.29	40.6	6.40	47.1	7.57	50.4	8.18	53.7	8.80	60.2	10.1	65.8	11.4
		20	34.0	5.39	40.6	6.52	47.1	7.72	50.4	8.34	53.7	9.12	60.2	10.8	64.9	12.0
		21	34.0	5.44	40.6	6.59	47.1	7.86	50.4	8.64	53.7	9.45	60.2	11.2	64.4	12.3
		23	34.0	5.54	40.6	6.86	47.1	8.41	50.4	9.25	53.7	10.1	60.2	12.0	63.5	12.8
		25	34.0	5.83	40.6	7.32	47.1	8.99	50.4	9.89	53.7	10.8	60.2	12.9	62.6	13.4
		27	34.0	6.21	40.6	7.81	47.1	9.60	50.4	10.6	53.7	11.6	60.2	13.8	61.7	13.9
		29	34.0	6.61	40.6	8.32	47.1	10.2	50.4	11.3	53.7	12.4	59.5	14.4	60.8	14.5
		31	34.0	7.03	40.6	8.86	47.1	10.9	50.4	12.0	53.7	13.2	58.6	15.0	59.8	15.1
		33	34.0	7.46	40.6	9.43	47.1	11.6	50.4	12.8	53.7	14.1	57.7	15.5	58.9	15.6
		35	34.0	7.92	40.6	10.0	47.1	12.4	50.4	13.7	53.7	15.0	56.8	16.1	58.0	16.2
		37	34.0	8.41	40.6	10.7	47.1	13.2	50.4	14.6	53.7	16.0	55.9	16.7	57.1	16.8
		39	34.0	8.92	40.6	11.3	47.1	14.0	50.4	15.5	53.7	17.0	55.0	17.2	56.2	17.4

3 Capacity tables

3 - 1 Cooling capacity tables

20HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	400	10	30.2	4.38	36.1	5.25	41.9	6.16	44.8	6.64	47.7	7.13	53.5	8.13	59.4	9.15
		12	30.2	4.45	36.1	5.34	41.9	6.27	44.8	6.76	47.7	7.26	53.5	8.28	59.4	9.33
		14	30.2	4.53	36.1	5.43	41.9	6.39	44.8	6.89	47.7	7.39	53.5	8.44	59.4	9.51
		16	30.2	4.60	36.1	5.53	41.9	6.51	44.8	7.02	47.7	7.54	53.5	8.60	59.4	9.69
		18	30.2	4.68	36.1	5.63	41.9	6.63	44.8	7.15	47.7	7.68	53.5	8.77	59.4	9.88
		20	30.2	4.76	36.1	5.73	41.9	6.76	44.8	7.29	47.7	7.84	53.5	9.09	59.4	10.6
		21	30.2	4.81	36.1	5.79	41.9	6.83	44.8	7.37	47.7	8.00	53.5	9.41	59.4	11.0
		23	30.2	4.90	36.1	5.90	41.9	7.16	44.8	7.84	47.7	8.56	53.5	10.1	59.4	11.7
		25	30.2	5.06	36.1	6.28	41.9	7.65	44.8	8.38	47.7	9.15	53.5	10.8	59.4	12.6
		27	30.2	5.38	36.1	6.69	41.9	8.16	44.8	8.95	47.7	9.77	53.5	11.5	59.4	13.5
		29	30.2	5.71	36.1	7.12	41.9	8.69	44.8	9.54	47.7	10.4	53.5	12.3	59.4	14.4
		31	30.2	6.07	36.1	7.58	41.9	9.26	44.8	10.2	47.7	11.1	53.5	13.2	58.5	14.9
		33	30.2	6.44	36.1	8.05	41.9	9.86	44.8	10.8	47.7	11.8	53.5	14.0	57.5	15.5
		35	30.2	6.83	36.1	8.55	41.9	10.5	44.8	11.5	47.7	12.6	53.5	15.0	56.6	16.1
		37	30.2	7.24	36.1	9.08	41.9	11.1	44.8	12.3	47.7	13.4	53.5	15.9	55.7	16.6
		39	30.2	7.67	36.1	9.64	41.9	11.9	44.8	13.0	47.7	14.3	53.5	17.0	54.8	17.2
70%	350	10	26.5	3.85	31.6	4.57	36.7	5.34	39.2	5.73	41.7	6.14	46.8	6.98	51.9	7.85
		12	26.5	3.91	31.6	4.65	36.7	5.43	39.2	5.84	41.7	6.25	46.8	7.11	51.9	8.00
		14	26.5	3.97	31.6	4.72	36.7	5.52	39.2	5.94	41.7	6.37	46.8	7.24	51.9	8.15
		16	26.5	4.04	31.6	4.81	36.7	5.62	39.2	6.05	41.7	6.48	46.8	7.38	51.9	8.31
		18	26.5	4.10	31.6	4.89	36.7	5.73	39.2	6.16	41.7	6.61	46.8	7.52	51.9	8.47
		20	26.5	4.17	31.6	4.98	36.7	5.84	39.2	6.28	41.7	6.74	46.8	7.67	51.9	8.71
		21	26.5	4.21	31.6	5.02	36.7	5.89	39.2	6.34	41.7	6.80	46.8	7.79	51.9	9.01
		23	26.5	4.28	31.6	5.12	36.7	6.01	39.2	6.56	41.7	7.13	46.8	8.34	51.9	9.66
		25	26.5	4.36	31.6	5.32	36.7	6.41	39.2	7.00	41.7	7.61	46.8	8.92	51.9	10.3
		27	26.5	4.60	31.6	5.66	36.7	6.83	39.2	7.46	41.7	8.12	46.8	9.52	51.9	11.0
		29	26.5	4.89	31.6	6.02	36.7	7.27	39.2	7.95	41.7	8.65	46.8	10.2	51.9	11.8
		31	26.5	5.18	31.6	6.39	36.7	7.74	39.2	8.46	41.7	9.22	46.8	10.8	51.9	12.6
		33	26.5	5.49	31.6	6.79	36.7	8.23	39.2	9.00	41.7	9.81	46.8	11.5	51.9	13.4
		35	26.5	5.82	31.6	7.20	36.7	8.74	39.2	9.57	41.7	10.4	46.8	12.3	51.9	14.3
		37	26.5	6.16	31.6	7.64	36.7	9.28	39.2	10.2	41.7	11.1	46.8	13.1	51.9	15.2
		39	26.5	6.51	31.6	8.10	36.7	9.86	39.2	10.8	41.7	11.8	46.8	13.9	51.9	16.2
60%	300	10	22.7	3.35	27.0	3.93	31.4	4.55	33.6	4.87	35.8	5.20	40.2	5.89	44.5	6.59
		12	22.7	3.40	27.0	3.99	31.4	4.63	33.6	4.96	35.8	5.29	40.2	5.99	44.5	6.71
		14	22.7	3.45	27.0	4.06	31.4	4.70	33.6	5.04	35.8	5.39	40.2	6.10	44.5	6.84
		16	22.7	3.50	27.0	4.12	31.4	4.78	33.6	5.13	35.8	5.48	40.2	6.21	44.5	6.97
		18	22.7	3.55	27.0	4.19	31.4	4.87	33.6	5.22	35.8	5.58	40.2	6.33	44.5	7.10
		20	22.7	3.61	27.0	4.26	31.4	4.96	33.6	5.32	35.8	5.69	40.2	6.45	44.5	7.24
		21	22.7	3.64	27.0	4.30	31.4	5.00	33.6	5.37	35.8	5.74	40.2	6.51	44.5	7.31
		23	22.7	3.70	27.0	4.37	31.4	5.09	33.6	5.47	35.8	5.85	40.2	6.77	44.5	7.78
		25	22.7	3.76	27.0	4.45	31.4	5.29	33.6	5.75	35.8	6.22	40.2	7.23	44.5	8.31
		27	22.7	3.90	27.0	4.72	31.4	5.63	33.6	6.12	35.8	6.63	40.2	7.71	44.5	8.87
		29	22.7	4.13	27.0	5.01	31.4	5.99	33.6	6.51	35.8	7.05	40.2	8.21	44.5	9.46
		31	22.7	4.37	27.0	5.32	31.4	6.36	33.6	6.92	35.8	7.50	40.2	8.74	44.5	10.1
		33	22.7	4.62	27.0	5.63	31.4	6.75	33.6	7.35	35.8	7.97	40.2	9.30	44.5	10.7
		35	22.7	4.89	27.0	5.97	31.4	7.16	33.6	7.80	35.8	8.47	40.2	9.89	44.5	11.4
		37	22.7	5.17	27.0	6.32	31.4	7.59	33.6	8.28	35.8	8.99	40.2	10.5	44.5	12.2
		39	22.7	5.46	27.0	6.69	31.4	8.05	33.6	8.78	35.8	9.54	40.2	11.2	44.5	12.9
50%	250	10	18.9	2.88	22.5	3.33	26.2	3.81	28.0	4.06	29.8	4.32	33.5	4.85	37.1	5.41
		12	18.9	2.92	22.5	3.38	26.2	3.87	28.0	4.13	29.8	4.39	33.5	4.93	37.1	5.50
		14	18.9	2.96	22.5	3.43	26.2	3.93	28.0	4.19	29.8	4.46	33.5	5.02	37.1	5.60
		16	18.9	3.00	22.5	3.48	26.2	4.00	28.0	4.26	29.8	4.54	33.5	5.11	37.1	5.70
		18	18.9	3.04	22.5	3.53	26.2	4.06	28.0	4.34	29.8	4.62	33.5	5.20	37.1	5.80
		20	18.9	3.08	22.5	3.59	26.2	4.13	28.0	4.41	29.8	4.70	33.5	5.29	37.1	5.91
		21	18.9	3.10	22.5	3.62	26.2	4.16	28.0	4.45	29.8	4.74	33.5	5.34	37.1	5.97
		23	18.9	3.15	22.5	3.68	26.2	4.24	28.0	4.53	29.8	4.83	33.5	5.44	37.1	6.11
		25	18.9	3.20	22.5	3.74	26.2	4.31	28.0	4.62	29.8	4.97	33.5	5.72	37.1	6.51
		27	18.9	3.25	22.5	3.87	26.2	4.55	28.0	4.91	29.8	5.29	33.5	6.09	37.1	6.94
		29	18.9	3.44	22.5	4.10	26.2	4.83	28.0	5.22	29.8	5.62	33.5	6.47	37.1	7.39
		31	18.9	3.63	22.5	4.34	26.2	5.12	28.0	5.53	29.8	5.97	33.5	6.88	37.1	7.86
		33	18.9	3.84	22.5	4.59	26.2	5.43	28.0	5.87	29.8	6.33	33.5	7.31	37.1	8.36
		35	18.9	4.05	22.5	4.86	26.2	5.74	28.0	6.22	29.8	6.71	33.5	7.76	37.1	8.89
		37	18.9	4.27	22.5	5.13	26.2	6.08	28.0	6.59	29.8	7.11	33.5	8.23	37.1	9.44
		39	18.9	4.50	22.5	5.42	26.2	6.43	28.0	6.97	29.8	7.54	33.5	8.73	37.1	10.0

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

22HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	715	10	54.0	7.92	64.4	9.69	74.8	11.5	77.5	11.8	78.4	11.5	80.4	11.0	82.3	10.6
		12	54.0	8.07	64.4	9.88	74.8	11.7	76.5	11.7	77.4	11.5	79.4	11.0	81.3	10.8
		14	54.0	8.22	64.4	10.1	74.5	11.9	75.5	11.7	76.4	11.4	78.4	11.3	80.3	11.4
		16	54.0	8.38	64.4	10.3	73.5	11.8	74.5	11.8	75.4	11.8	77.4	11.9	79.3	12.0
		18	54.0	8.54	64.4	10.5	72.5	12.3	73.5	12.4	74.4	12.4	76.4	12.5	78.3	12.7
		20	54.0	8.71	64.4	11.1	71.5	12.9	72.5	13.0	73.4	13.0	75.4	13.1	77.3	13.3
		21	54.0	8.95	64.4	11.5	71.0	13.2	72.0	13.3	72.9	13.3	74.9	13.5	76.8	13.6
		23	54.0	9.59	64.4	12.4	70.0	13.8	71.0	13.9	71.9	13.9	73.9	14.1	75.8	14.2
		25	54.0	10.3	64.4	13.3	69.0	14.4	70.0	14.5	70.9	14.5	72.9	14.7	74.8	14.8
		27	54.0	11.0	64.4	14.2	68.0	15.0	69.0	15.1	69.9	15.2	71.9	15.3	73.8	15.5
		29	54.0	11.7	64.4	15.2	67.0	15.6	68.0	15.7	68.9	15.8	70.9	15.9	72.8	16.1
		31	54.0	12.5	64.0	16.0	66.0	16.2	67.0	16.3	67.9	16.4	69.9	16.6	71.8	16.8
		33	54.0	13.3	63.0	16.6	65.0	16.8	66.0	16.9	66.9	17.0	68.9	17.2	70.8	17.4
		35	54.0	14.2	62.0	17.3	64.0	17.5	65.0	17.6	65.9	17.6	67.9	17.8	69.8	18.0
		37	54.0	15.1	61.0	17.9	63.0	18.1	64.0	18.2	64.9	18.3	66.9	18.5	68.8	18.7
		39	54.0	16.0	60.0	18.5	62.0	18.7	63.0	18.8	63.9	18.9	65.9	19.1	67.8	19.4
120%	660	10	49.8	7.24	59.4	8.84	69.0	10.5	73.8	11.4	77.2	11.8	79.0	11.4	80.8	10.9
		12	49.8	7.37	59.4	9.01	69.0	10.7	73.8	11.6	76.2	11.8	78.0	11.3	79.8	10.9
		14	49.8	7.51	59.4	9.18	69.0	10.9	73.8	11.8	75.2	11.7	77.0	11.3	78.8	11.3
		16	49.8	7.65	59.4	9.36	69.0	11.1	73.3	11.9	74.2	11.7	76.0	11.8	77.8	11.9
		18	49.8	7.80	59.4	9.54	69.0	11.5	72.3	12.3	73.2	12.3	75.0	12.4	76.8	12.6
		20	49.8	7.95	59.4	9.92	69.0	12.4	71.3	12.9	72.2	12.9	74.0	13.1	75.8	13.2
		21	49.8	8.03	59.4	10.3	69.0	12.8	70.8	13.2	71.7	13.2	73.5	13.4	75.3	13.5
		23	49.8	8.57	59.4	11.0	68.9	13.7	69.8	13.8	70.7	13.8	72.5	14.0	74.3	14.1
		25	49.8	9.16	59.4	11.8	67.9	14.3	68.8	14.4	69.7	14.5	71.5	14.6	73.3	14.7
		27	49.8	9.78	59.4	12.6	66.9	14.9	67.8	15.0	68.7	15.1	70.5	15.2	72.3	15.4
		29	49.8	10.4	59.4	13.4	65.9	15.5	66.8	15.6	67.7	15.7	69.5	15.8	71.3	16.0
		31	49.8	11.1	59.4	14.4	64.9	16.1	65.8	16.2	66.7	16.3	68.5	16.5	70.3	16.6
		33	49.8	11.8	59.4	15.3	63.9	16.7	64.8	16.8	65.7	16.9	67.5	17.1	69.3	17.3
		35	49.8	12.6	59.4	16.3	62.9	17.3	63.8	17.4	64.7	17.5	66.5	17.7	68.3	17.9
		37	49.8	13.4	59.4	17.4	61.9	18.0	62.8	18.1	63.7	18.1	65.5	18.3	67.3	18.5
		39	49.8	14.3	59.1	18.4	60.9	18.6	61.8	18.7	62.7	18.8	64.5	19.0	66.3	19.2
110%	605	10	45.7	6.57	54.5	8.00	63.3	9.50	67.7	10.3	72.0	11.1	77.6	11.7	79.3	11.3
		12	45.7	6.69	54.5	8.15	63.3	9.68	67.7	10.5	72.0	11.3	76.6	11.7	78.3	11.3
		14	45.7	6.81	54.5	8.30	63.3	9.87	67.7	10.7	72.0	11.5	75.6	11.6	77.3	11.3
		16	45.7	6.94	54.5	8.46	63.3	10.1	67.7	10.9	72.0	11.7	74.6	11.8	76.3	11.9
		18	45.7	7.07	54.5	8.63	63.3	10.3	67.7	11.2	72.0	12.3	73.6	12.4	75.3	12.5
		20	45.7	7.21	54.5	8.80	63.3	10.9	67.7	12.0	71.0	12.9	72.6	13.0	74.3	13.1
		21	45.7	7.28	54.5	9.07	63.3	11.3	67.7	12.4	70.5	13.2	72.1	13.3	73.8	13.4
		23	45.7	7.62	54.5	9.71	63.3	12.1	67.7	13.3	69.5	13.8	71.1	13.9	72.8	14.0
		25	45.7	8.14	54.5	10.4	63.3	12.9	67.7	14.3	68.5	14.4	70.1	14.5	71.8	14.6
		27	45.7	8.68	54.5	11.1	63.3	13.8	66.7	14.9	67.5	15.0	69.1	15.1	70.8	15.2
		29	45.7	9.25	54.5	11.8	63.3	14.8	65.7	15.5	66.5	15.6	68.1	15.7	69.8	15.9
		31	45.7	9.85	54.5	12.6	63.3	15.8	64.7	16.1	65.5	16.2	67.1	16.3	68.8	16.5
		33	45.7	10.5	54.5	13.5	62.8	16.6	63.7	16.7	64.5	16.8	66.1	16.9	67.8	17.1
		35	45.7	11.2	54.5	14.3	61.8	17.2	62.7	17.3	63.5	17.4	65.1	17.6	66.8	17.7
		37	45.7	11.9	54.5	15.3	60.8	17.8	61.7	17.9	62.5	18.0	64.1	18.2	65.8	18.4
		39	45.7	12.6	54.5	16.3	59.8	18.5	60.6	18.5	61.5	18.6	63.1	18.8	64.8	19.0
100%	550	10	41.5	5.93	49.5	7.19	57.5	8.52	61.5	9.20	65.5	9.89	73.5	11.3	77.7	11.7
		12	41.5	6.03	49.5	7.32	57.5	8.67	61.5	9.37	65.5	10.1	73.5	11.5	76.7	11.6
		14	41.5	6.14	49.5	7.45	57.5	8.84	61.5	9.55	65.5	10.3	73.5	11.7	75.7	11.6
		16	41.5	6.25	49.5	7.60	57.5	9.01	61.5	9.74	65.5	10.5	73.2	11.9	74.7	11.8
		18	41.5	6.37	49.5	7.74	57.5	9.19	61.5	9.93	65.5	10.7	72.2	12.3	73.7	12.4
		20	41.5	6.49	49.5	7.89	57.5	9.47	61.5	10.4	65.5	11.4	71.2	12.9	72.7	13.0
		21	41.5	6.55	49.5	7.97	57.5	9.80	61.5	10.8	65.5	11.9	70.7	13.2	72.2	13.3
		23	41.5	6.72	49.5	8.50	57.5	10.5	61.5	11.6	65.5	12.7	69.7	13.8	71.2	13.9
		25	41.5	7.17	49.5	9.09	57.5	11.2	61.5	12.4	65.5	13.6	68.7	14.4	70.2	14.5
		27	41.5	7.64	49.5	9.70	57.5	12.0	61.5	13.3	65.5	14.6	67.7	15.0	69.2	15.1
		29	41.5	8.14	49.5	10.3	57.5	12.8	61.5	14.2	65.2	15.5	66.7	15.6	68.2	15.7
		31	41.5	8.66	49.5	11.0	57.5	13.7	61.5	15.1	64.2	16.1	65.7	16.2	67.2	16.3
		33	41.5	9.21	49.5	11.7	57.5	14.6	61.5	16.1	63.2	16.7	64.7	16.8	66.2	17.0
		35	41.5	9.79	49.5	12.5	57.5	15.5	61.5	17.2	62.2	17.3	63.7	17.4	65.2	17.6
		37	41.5	10.4	49.5	13.3	57.5	16.6	60.5	17.8	61.2	17.9	62.7	18.0	64.2	18.2
		39	41.5	11.0	49.5	14.1	57.5	17.6	59.5	18.4	60.2	18.5	61.7	18.7	63.2	18.8
90%	495	10	37.4	5.31	44.6	6.40	51.8	7.55	55.4	8.15	58.9	8.76	66.1	10.0	73.3	11.3
		12	37.4	5.39	44.6	6.51	51.8	7.69	55.4	8.30	58.9	8.93	66.1	10.2	73.3	11.5
		14	37.4	5.49	44.6	6.63	51.8	7.84	55.4	8.46	58.9	9.10	66.1	10.4	73.3	11.7
		16	37.4	5.58	44.6	6.75	51.8	7.99	55.4	8.62	58.9	9.27	66.1	10.6	73.2	11.9
		18	37.4	5.69	44.6	6.88	51.8	8.14	55.4	8.79	58.9	9.46	66.1	10.8	72.2	12.3
		20	37.4	5.79	44.6	7.01	51.8	8.30	55.4	8.97	58.9	9.81	66.1	11.6	71.2	12.9
		21	37.4	5.84	44.6	7.08	51.8	8.45	55.4	9.28	58.9	10.2	66.1	12.0	70.7	13.2
		23	37.4	5.96	44.6	7.37	51.8	9.04	55.4	9.94	58.9	10.9	66.1	12.9	69.7	13.8
		25	37.4	6.27	44.6	7.87	51.8	9.67	55.4	10.6	58.9	11.6	66.1	13.8	68.7	14.4
		27	37.4	6.68	44.6	8.40	51.8	10.3	55.4	11.4	58.9	12.4	66.1	14.8	67.7	15.0
		29	37.4	7.11	44.6	8.95	51.8	11.0	55.4	12.1	58.9	13.3	65.4	15.5	66.7	15.6
		31	37.4	7.55	44.6	9.53	51.8	11.7	55.4	12.9	58.9	14.2	64.4	16.1	65.7	16.2
		33	37.4	8.02	44.6	10.1	51.8	12.5	55.4	13.8	58.9	15.1	63.4	16.7	64.7	16.8
		35	37.4	8.52	44.6	10.8	51.8	13.3	55.4	14.7	58.9	16.1	62.4	17.3	63.7	17.4
		37	37.4	9.04	44.6	11.5	51.8	14.2	55.4	15.7	58.9	17.2	61.4	17.9	62.7	18.0
		39	37.4	9.59	44.6	12.2	51.8	15.1	55.4	16.7	58.9	18.3	60.4	18.5	61.7	18.7

3 Capacity tables

3 - 1 Cooling capacity tables

22HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	440	10	33.2	4.71	39.6	5.64	46.0	6.63	49.2	7.14	52.4	7.66	58.8	8.74	65.2	9.84
		12	33.2	4.79	39.6	5.74	46.0	6.74	49.2	7.27	52.4	7.80	58.8	8.90	65.2	10.0
		14	33.2	4.86	39.6	5.84	46.0	6.87	49.2	7.40	52.4	7.95	58.8	9.07	65.2	10.2
		16	33.2	4.95	39.6	5.94	46.0	7.00	49.2	7.54	52.4	8.10	58.8	9.25	65.2	10.4
		18	33.2	5.03	39.6	6.05	46.0	7.13	49.2	7.69	52.4	8.26	58.8	9.43	65.2	10.6
		20	33.2	5.12	39.6	6.16	46.0	7.27	49.2	7.84	52.4	8.42	58.8	9.77	65.2	11.4
		21	33.2	5.17	39.6	6.22	46.0	7.34	49.2	7.92	52.4	8.60	58.8	10.1	65.2	11.8
		23	33.2	5.26	39.6	6.34	46.0	7.70	49.2	8.43	52.4	9.20	58.8	10.8	65.2	12.6
		25	33.2	5.43	39.6	6.75	46.0	8.22	49.2	9.01	52.4	9.84	58.8	11.6	65.2	13.5
		27	33.2	5.78	39.6	7.19	46.0	8.77	49.2	9.62	52.4	10.5	58.8	12.4	65.2	14.5
		29	33.2	6.14	39.6	7.66	46.0	9.35	49.2	10.3	52.4	11.2	58.8	13.2	65.2	15.5
		31	33.2	6.52	39.6	8.14	46.0	9.95	49.2	10.9	52.4	12.0	58.8	14.1	64.2	16.1
		33	33.2	6.92	39.6	8.66	46.0	10.6	49.2	11.6	52.4	12.7	58.8	15.1	63.2	16.7
		35	33.2	7.34	39.6	9.20	46.0	11.3	49.2	12.4	52.4	13.6	58.8	16.1	62.2	17.3
		37	33.2	7.78	39.6	9.77	46.0	12.0	49.2	13.2	52.4	14.4	58.8	17.1	61.2	17.9
		39	33.2	8.24	39.6	10.4	46.0	12.7	49.2	14.0	52.4	15.4	58.8	18.2	60.2	18.5
70%	385	10	29.1	4.14	34.7	4.91	40.3	5.74	43.1	6.16	45.8	6.60	51.4	7.50	57.0	8.44
		12	29.1	4.20	34.7	4.99	40.3	5.84	43.1	6.27	45.8	6.72	51.4	7.64	57.0	8.60
		14	29.1	4.27	34.7	5.08	40.3	5.94	43.1	6.39	45.8	6.84	51.4	7.79	57.0	8.76
		16	29.1	4.34	34.7	5.17	40.3	6.05	43.1	6.50	45.8	6.97	51.4	7.93	57.0	8.93
		18	29.1	4.41	34.7	5.26	40.3	6.16	43.1	6.62	45.8	7.10	51.4	8.09	57.0	9.10
		20	29.1	4.48	34.7	5.35	40.3	6.27	43.1	6.75	45.8	7.24	51.4	8.25	57.0	9.36
		21	29.1	4.52	34.7	5.40	40.3	6.33	43.1	6.82	45.8	7.31	51.4	8.38	57.0	9.69
		23	29.1	4.60	34.7	5.50	40.3	6.46	43.1	7.05	45.8	7.66	51.4	8.97	57.0	10.4
		25	29.1	4.68	34.7	5.72	40.3	6.89	43.1	7.52	45.8	8.18	51.4	9.59	57.0	11.1
		27	29.1	4.95	34.7	6.09	40.3	7.35	43.1	8.02	45.8	8.73	51.4	10.2	57.0	11.9
		29	29.1	5.25	34.7	6.47	40.3	7.82	43.1	8.55	45.8	9.30	51.4	10.9	57.0	12.7
		31	29.1	5.57	34.7	6.87	40.3	8.32	43.1	9.10	45.8	9.91	51.4	11.6	57.0	13.5
		33	29.1	5.90	34.7	7.30	40.3	8.84	43.1	9.68	45.8	10.5	51.4	12.4	57.0	14.4
		35	29.1	6.25	34.7	7.74	40.3	9.40	43.1	10.3	45.8	11.2	51.4	13.2	57.0	15.4
		37	29.1	6.62	34.7	8.21	40.3	9.98	43.1	10.9	45.8	11.9	51.4	14.1	57.0	16.4
		39	29.1	7.00	34.7	8.70	40.3	10.6	43.1	11.6	45.8	12.7	51.4	15.0	57.0	17.4
60%	330	10	24.9	3.60	29.7	4.23	34.5	4.89	36.9	5.24	39.3	5.59	44.1	6.33	48.9	7.09
		12	24.9	3.65	29.7	4.29	34.5	4.97	36.9	5.33	39.3	5.69	44.1	6.44	48.9	7.22
		14	24.9	3.71	29.7	4.36	34.5	5.06	36.9	5.42	39.3	5.79	44.1	6.56	48.9	7.35
		16	24.9	3.76	29.7	4.43	34.5	5.14	36.9	5.51	39.3	5.89	44.1	6.68	48.9	7.49
		18	24.9	3.82	29.7	4.50	34.5	5.23	36.9	5.61	39.3	6.00	44.1	6.80	48.9	7.64
		20	24.9	3.88	29.7	4.58	34.5	5.33	36.9	5.72	39.3	6.11	44.1	6.93	48.9	7.79
		21	24.9	3.91	29.7	4.62	34.5	5.38	36.9	5.77	39.3	6.17	44.1	7.00	48.9	7.86
		23	24.9	3.97	29.7	4.70	34.5	5.48	36.9	5.88	39.3	6.29	44.1	7.28	48.9	8.36
		25	24.9	4.04	29.7	4.79	34.5	5.69	36.9	6.18	39.3	6.69	44.1	7.77	48.9	8.93
		27	24.9	4.19	29.7	5.08	34.5	6.05	36.9	6.58	39.3	7.12	44.1	8.28	48.9	9.53
		29	24.9	4.44	29.7	5.39	34.5	6.44	36.9	7.00	39.3	7.58	44.1	8.83	48.9	10.2
		31	24.9	4.70	29.7	5.71	34.5	6.84	36.9	7.44	39.3	8.06	44.1	9.40	48.9	10.8
		33	24.9	4.97	29.7	6.06	34.5	7.26	36.9	7.90	39.3	8.57	44.1	10.0	48.9	11.5
		35	24.9	5.26	29.7	6.42	34.5	7.70	36.9	8.39	39.3	9.10	44.1	10.6	48.9	12.3
		37	24.9	5.55	29.7	6.79	34.5	8.16	36.9	8.90	39.3	9.67	44.1	11.3	48.9	13.1
		39	24.9	5.87	29.7	7.19	34.5	8.65	36.9	9.44	39.3	10.3	44.1	12.0	48.9	13.9
50%	275	10	20.8	3.10	24.8	3.58	28.8	4.10	30.8	4.37	32.7	4.65	36.7	5.22	40.7	5.81
		12	20.8	3.14	24.8	3.63	28.8	4.16	30.8	4.44	32.7	4.72	36.7	5.30	40.7	5.91
		14	20.8	3.18	24.8	3.69	28.8	4.23	30.8	4.51	32.7	4.80	36.7	5.40	40.7	6.02
		16	20.8	3.22	24.8	3.74	28.8	4.29	30.8	4.58	32.7	4.88	36.7	5.49	40.7	6.13
		18	20.8	3.27	24.8	3.80	28.8	4.37	30.8	4.66	32.7	4.96	36.7	5.59	40.7	6.24
		20	20.8	3.31	24.8	3.86	28.8	4.44	30.8	4.74	32.7	5.05	36.7	5.69	40.7	6.36
		21	20.8	3.34	24.8	3.89	28.8	4.48	30.8	4.78	32.7	5.10	36.7	5.74	40.7	6.42
		23	20.8	3.39	24.8	3.95	28.8	4.55	30.8	4.87	32.7	5.19	36.7	5.85	40.7	6.56
		25	20.8	3.44	24.8	4.02	28.8	4.63	30.8	4.97	32.7	5.35	36.7	6.15	40.7	7.00
		27	20.8	3.49	24.8	4.16	28.8	4.89	30.8	5.28	32.7	5.69	36.7	6.54	40.7	7.46
		29	20.8	3.69	24.8	4.41	28.8	5.19	30.8	5.61	32.7	6.04	36.7	6.96	40.7	7.95
		31	20.8	3.90	24.8	4.67	28.8	5.50	30.8	5.95	32.7	6.41	36.7	7.40	40.7	8.45
		33	20.8	4.12	24.8	4.94	28.8	5.83	30.8	6.31	32.7	6.80	36.7	7.86	40.7	8.99
		35	20.8	4.35	24.8	5.22	28.8	6.18	30.8	6.69	32.7	7.22	36.7	8.34	40.7	9.55
		37	20.8	4.59	24.8	5.52	28.8	6.54	30.8	7.08	32.7	7.65	36.7	8.85	40.7	10.1
		39	20.8	4.84	24.8	5.83	28.8	6.92	30.8	7.50	32.7	8.10	36.7	9.39	40.7	10.8

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

24HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	780	10	59.7	9.85	71.2	12.1	82.7	14.3	85.6	14.6	86.7	14.4	88.9	13.7	91.0	13.1
		12	59.7	10.0	71.2	12.3	82.7	14.6	84.5	14.6	85.6	14.3	87.8	13.7	89.9	13.4
		14	59.7	10.2	71.2	12.5	82.4	14.8	83.4	14.5	84.5	14.2	86.7	14.1	88.8	14.2
		16	59.7	10.4	71.2	12.8	81.3	14.7	82.3	14.6	83.4	14.7	85.6	14.8	87.7	15.0
		18	59.7	10.6	71.2	13.0	80.1	15.3	81.2	15.4	82.3	15.4	84.4	15.6	86.6	15.7
		20	59.7	10.8	71.2	13.9	79.0	16.0	80.1	16.1	81.2	16.2	83.3	16.4	85.5	16.5
		21	59.7	11.1	71.2	14.4	78.5	16.4	79.6	16.5	80.6	16.6	82.8	16.7	84.9	16.9
		23	59.7	11.9	71.2	15.4	77.4	17.2	78.5	17.2	79.5	17.3	81.7	17.5	83.8	17.7
		25	59.7	12.8	71.2	16.5	76.3	17.9	77.3	18.0	78.4	18.1	80.6	18.3	82.7	18.5
		27	59.7	13.6	71.2	17.6	75.2	18.7	76.2	18.8	77.3	18.9	79.5	19.1	81.6	19.3
		29	59.7	14.5	71.2	18.9	74.1	19.4	75.1	19.5	76.2	19.6	78.4	19.8	80.5	20.0
		31	59.7	15.5	70.8	20.0	73.0	20.2	74.0	20.3	75.1	20.4	77.3	20.6	79.4	20.8
		33	59.7	16.5	69.7	20.7	71.8	20.9	72.9	21.1	74.0	21.2	76.2	21.4	78.3	21.6
		35	59.7	17.6	68.6	21.5	70.7	21.7	71.8	21.8	72.9	22.0	75.0	22.2	77.2	22.5
		37	59.7	18.8	67.5	22.2	69.6	22.5	70.7	22.6	71.8	22.7	73.9	23.0	76.1	23.3
		39	59.7	20.0	66.4	23.0	68.5	23.3	69.6	23.4	70.7	23.5	72.8	23.8	75.0	24.1
120%	720	10	55.1	9.00	65.7	11.0	76.3	13.1	81.6	14.1	85.4	14.7	87.4	14.2	89.3	13.6
		12	55.1	9.17	65.7	11.2	76.3	13.3	81.6	14.4	84.3	14.7	86.2	14.1	88.2	13.5
		14	55.1	9.34	65.7	11.4	76.3	13.6	81.6	14.7	83.2	14.6	85.1	14.0	87.1	14.1
		16	55.1	9.52	65.7	11.6	76.3	13.8	81.1	14.8	82.0	14.6	84.0	14.7	86.0	14.9
		18	55.1	9.70	65.7	11.9	76.3	14.3	79.9	15.3	80.9	15.4	82.9	15.5	84.9	15.6
		20	55.1	9.89	65.7	12.3	76.3	15.4	78.8	16.0	79.8	16.1	81.8	16.2	83.8	16.4
		21	55.1	9.99	65.7	12.8	76.3	15.9	78.3	16.4	79.3	16.5	81.3	16.6	83.3	16.8
		23	55.1	10.7	65.7	13.7	76.2	17.1	77.2	17.1	78.2	17.2	80.2	17.4	82.1	17.5
		25	55.1	11.4	65.7	14.7	75.1	17.8	76.1	17.9	77.1	18.0	79.1	18.2	81.0	18.3
		27	55.1	12.2	65.7	15.7	74.0	18.6	75.0	18.6	76.0	18.7	77.9	18.9	79.9	19.1
		29	55.1	13.0	65.7	16.7	72.9	19.3	73.9	19.4	74.9	19.5	76.8	19.7	78.8	19.9
		31	55.1	13.8	65.7	17.9	71.8	20.1	72.8	20.2	73.8	20.3	75.7	20.5	77.7	20.7
		33	55.1	14.7	65.7	19.0	70.7	20.8	71.7	20.9	72.6	21.0	74.6	21.2	76.6	21.5
		35	55.1	15.7	65.7	20.3	69.6	21.6	70.5	21.7	71.5	21.8	73.5	22.0	75.5	22.3
		37	55.1	16.7	65.7	21.6	68.4	22.3	69.4	22.5	70.4	22.6	72.4	22.8	74.4	23.1
		39	55.1	17.8	65.4	22.9	67.3	23.1	68.3	23.2	69.3	23.4	71.3	23.6	73.3	23.9
110%	660	10	50.5	8.18	60.2	9.96	69.9	11.8	74.8	12.8	79.7	13.7	85.8	14.6	87.6	14.1
		12	50.5	8.32	60.2	10.1	69.9	12.0	74.8	13.0	79.7	14.0	84.7	14.5	86.5	14.0
		14	50.5	8.47	60.2	10.3	69.9	12.3	74.8	13.3	79.7	14.3	83.6	14.4	85.4	14.0
		16	50.5	8.63	60.2	10.5	69.9	12.5	74.8	13.5	79.7	14.6	82.5	14.6	84.3	14.8
		18	50.5	8.80	60.2	10.7	69.9	12.8	74.8	13.9	79.6	15.3	81.4	15.4	83.2	15.5
		20	50.5	8.97	60.2	11.0	69.9	13.5	74.8	14.9	78.5	16.0	80.3	16.1	82.1	16.3
		21	50.5	9.06	60.2	11.3	69.9	14.0	74.8	15.5	77.9	16.4	79.7	16.5	81.6	16.6
		23	50.5	9.48	60.2	12.1	69.9	15.0	74.8	16.6	76.8	17.1	78.6	17.3	80.5	17.4
		25	50.5	10.1	60.2	12.9	69.9	16.1	74.8	17.8	75.7	17.9	77.5	18.0	79.4	18.2
		27	50.5	10.8	60.2	13.8	69.9	17.2	73.7	18.5	74.6	18.6	76.4	18.8	78.2	18.9
		29	50.5	11.5	60.2	14.7	69.9	18.4	72.6	19.3	73.5	19.4	75.3	19.5	77.1	19.7
		31	50.5	12.3	60.2	15.7	69.9	19.6	71.5	20.0	72.4	20.1	74.2	20.3	76.0	20.5
		33	50.5	13.0	60.2	16.8	69.5	20.7	70.4	20.8	71.3	20.9	73.1	21.1	74.9	21.3
		35	50.5	13.9	60.2	17.8	68.4	21.4	69.3	21.5	70.2	21.6	72.0	21.9	73.8	22.1
		37	50.5	14.8	60.2	19.0	67.3	22.2	68.2	22.3	69.1	22.4	70.9	22.6	72.7	22.9
		39	50.5	15.7	60.2	20.2	66.2	23.0	67.1	23.1	68.0	23.2	69.8	23.4	71.6	23.7
100%	600	10	45.9	7.37	54.7	8.94	63.6	10.6	68.0	11.4	72.4	12.3	81.3	14.1	86.0	14.6
		12	45.9	7.50	54.7	9.11	63.6	10.8	68.0	11.7	72.4	12.5	81.3	14.3	84.9	14.5
		14	45.9	7.64	54.7	9.27	63.6	11.0	68.0	11.9	72.4	12.8	81.3	14.6	83.8	14.4
		16	45.9	7.78	54.7	9.45	63.6	11.2	68.0	12.1	72.4	13.0	81.0	14.8	82.6	14.6
		18	45.9	7.92	54.7	9.63	63.6	11.4	68.0	12.4	72.4	13.3	79.9	15.3	81.5	15.4
		20	45.9	8.07	54.7	9.82	63.6	11.8	68.0	13.0	72.4	14.2	78.8	16.0	80.4	16.1
		21	45.9	8.15	54.7	9.92	63.6	12.2	68.0	13.4	72.4	14.8	78.2	16.4	79.9	16.5
		23	45.9	8.36	54.7	10.6	63.6	13.1	68.0	14.4	72.4	15.8	77.1	17.1	78.8	17.3
		25	45.9	8.92	54.7	11.3	63.6	14.0	68.0	15.4	72.4	16.9	76.0	17.9	77.7	18.0
		27	45.9	9.51	54.7	12.1	63.6	14.9	68.0	16.5	72.4	18.1	74.9	18.6	76.6	18.8
		29	45.9	10.1	54.7	12.9	63.6	15.9	68.0	17.6	72.1	19.2	73.8	19.4	75.5	19.6
		31	45.9	10.8	54.7	13.7	63.6	17.0	68.0	18.8	71.0	20.0	72.7	20.2	74.3	20.3
		33	45.9	11.5	54.7	14.6	63.6	18.1	68.0	20.1	69.9	20.7	71.6	20.9	73.2	21.1
		35	45.9	12.2	54.7	15.6	63.6	19.3	68.0	21.4	68.8	21.5	70.5	21.7	72.1	21.9
		37	45.9	12.9	54.7	16.5	63.6	20.6	66.9	22.2	67.7	22.3	69.4	22.5	71.0	22.7
		39	45.9	13.7	54.7	17.6	63.6	22.0	65.8	22.9	66.6	23.0	68.3	23.2	69.9	23.4
90%	540	10	41.3	6.60	49.3	7.96	57.2	9.40	61.2	10.1	65.2	10.9	73.1	12.5	81.1	14.0
		12	41.3	6.71	49.3	8.10	57.2	9.57	61.2	10.3	65.2	11.1	73.1	12.7	81.1	14.3
		14	41.3	6.83	49.3	8.25	57.2	9.75	61.2	10.5	65.2	11.3	73.1	12.9	81.1	14.6
		16	41.3	6.95	49.3	8.40	57.2	9.94	61.2	10.7	65.2	11.5	73.1	13.2	81.0	14.8
		18	41.3	7.07	49.3	8.56	57.2	10.1	61.2	10.9	65.2	11.8	73.1	13.4	79.9	15.3
		20	41.3	7.20	49.3	8.73	57.2	10.3	61.2	11.2	65.2	12.2	73.1	14.4	78.7	16.0
		21	41.3	7.27	49.3	8.81	57.2	10.5	61.2	11.5	65.2	12.6	73.1	15.0	78.2	16.4
		23	41.3	7.41	49.3	9.18	57.2	11.2	61.2	12.4	65.2	13.5	73.1	16.1	77.1	17.1
		25	41.3	7.80	49.3	9.80	57.2	12.0	61.2	13.2	65.2	14.5	73.1	17.2	76.0	17.9
		27	41.3	8.31	49.3	10.4	57.2	12.8	61.2	14.1	65.2	15.5	73.1	18.4	74.9	18.6
		29	41.3	8.84	49.3	11.1	57.2	13.7	61.2	15.1	65.2	16.5	72.3	19.3	73.8	19.4
		31	41.3	9.40	49.3	11.9	57.2	14.6	61.2	16.1	65.2	17.7	71.2	20.0	72.7	20.2
		33	41.3	9.98	49.3	12.6	57.2	15.6	61.2	17.2	65.2	18.8	70.1	20.8	71.6	20.9
		35	41.3	10.6	49.3	13.4	57.2	16.6	61.2	18.3	65.2	20.1	69.0	21.5	70.5	21.7
		37	41.3	11.2	49.3	14.3	57.2	17.6	61.2	19.5	65.2	21.4	67.9	22.3	69.3	22.4
		39	41.3	11.9	49.3	15.2	57.2	18.8	61.2	20.7	65.2	22.8	66.7	23.0	68.2	23.2

3 Capacity tables

3 - 1 Cooling capacity tables

24HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	480	10	36.7	5.86	43.8	7.02	50.9	8.24	54.4	8.88	57.9	9.53	65.0	10.9	72.1	12.2
		12	36.7	5.95	43.8	7.14	50.9	8.39	54.4	9.04	57.9	9.71	65.0	11.1	72.1	12.5
		14	36.7	6.05	43.8	7.26	50.9	8.55	54.4	9.21	57.9	9.89	65.0	11.3	72.1	12.7
		16	36.7	6.15	43.8	7.39	50.9	8.70	54.4	9.38	57.9	10.1	65.0	11.5	72.1	13.0
		18	36.7	6.26	43.8	7.53	50.9	8.87	54.4	9.57	57.9	10.3	65.0	11.7	72.1	13.2
		20	36.7	6.37	43.8	7.67	50.9	9.04	54.4	9.75	57.9	10.5	65.0	12.2	72.1	14.1
		21	36.7	6.43	43.8	7.74	50.9	9.13	54.4	9.85	57.9	10.7	65.0	12.6	72.1	14.6
		23	36.7	6.55	43.8	7.89	50.9	9.58	54.4	10.5	57.9	11.4	65.0	13.5	72.1	15.7
		25	36.7	6.76	43.8	8.40	50.9	10.2	54.4	11.2	57.9	12.2	65.0	14.4	72.1	16.8
		27	36.7	7.19	43.8	8.95	50.9	10.9	54.4	12.0	57.9	13.1	65.0	15.4	72.1	18.0
		29	36.7	7.64	43.8	9.53	50.9	11.6	54.4	12.8	57.9	13.9	65.0	16.5	72.1	19.2
		31	36.7	8.11	43.8	10.1	50.9	12.4	54.4	13.6	57.9	14.9	65.0	17.6	71.0	20.0
		33	36.7	8.61	43.8	10.8	50.9	13.2	54.4	14.5	57.9	15.8	65.0	18.8	69.9	20.7
		35	36.7	9.13	43.8	11.4	50.9	14.0	54.4	15.4	57.9	16.9	65.0	20.0	68.8	21.5
		37	36.7	9.68	43.8	12.2	50.9	14.9	54.4	16.4	57.9	18.0	65.0	21.3	67.7	22.2
		39	36.7	10.3	43.8	12.9	50.9	15.9	54.4	17.4	57.9	19.1	65.0	22.7	66.6	23.0
70%	420	10	32.1	5.15	38.3	6.11	44.5	7.14	47.6	7.67	50.7	8.21	56.9	9.34	63.1	10.5
		12	32.1	5.23	38.3	6.21	44.5	7.26	47.6	7.80	50.7	8.36	56.9	9.51	63.1	10.7
		14	32.1	5.31	38.3	6.32	44.5	7.39	47.6	7.94	50.7	8.51	56.9	9.69	63.1	10.9
		16	32.1	5.40	38.3	6.43	44.5	7.52	47.6	8.09	50.7	8.67	56.9	9.87	63.1	11.1
		18	32.1	5.49	38.3	6.54	44.5	7.66	47.6	8.24	50.7	8.84	56.9	10.1	63.1	11.3
		20	32.1	5.58	38.3	6.66	44.5	7.81	47.6	8.40	50.7	9.01	56.9	10.3	63.1	11.6
		21	32.1	5.63	38.3	6.72	44.5	7.88	47.6	8.48	50.7	9.10	56.9	10.4	63.1	12.1
		23	32.1	5.72	38.3	6.84	44.5	8.04	47.6	8.77	50.7	9.53	56.9	11.2	63.1	12.9
		25	32.1	5.83	38.3	7.12	44.5	8.58	47.6	9.36	50.7	10.2	56.9	11.9	63.1	13.8
		27	32.1	6.16	38.3	7.57	44.5	9.14	47.6	9.98	50.7	10.9	56.9	12.7	63.1	14.8
		29	32.1	6.54	38.3	8.05	44.5	9.73	47.6	10.6	50.7	11.6	56.9	13.6	63.1	15.8
		31	32.1	6.93	38.3	8.55	44.5	10.4	47.6	11.3	50.7	12.3	56.9	14.5	63.1	16.8
		33	32.1	7.34	38.3	9.08	44.5	11.0	47.6	12.0	50.7	13.1	56.9	15.4	63.1	17.9
		35	32.1	7.78	38.3	9.63	44.5	11.7	47.6	12.8	50.7	14.0	56.9	16.4	63.1	19.1
		37	32.1	8.23	38.3	10.2	44.5	12.4	47.6	13.6	50.7	14.8	56.9	17.5	63.1	20.4
		39	32.1	8.71	38.3	10.8	44.5	13.2	47.6	14.5	50.7	15.8	56.9	18.6	63.1	21.7
60%	360	10	27.5	4.48	32.8	5.26	38.1	6.09	40.8	6.52	43.5	6.96	48.8	7.87	54.1	8.82
		12	27.5	4.55	32.8	5.34	38.1	6.19	40.8	6.63	43.5	7.08	48.8	8.01	54.1	8.98
		14	27.5	4.61	32.8	5.43	38.1	6.29	40.8	6.74	43.5	7.20	48.8	8.16	54.1	9.15
		16	27.5	4.68	32.8	5.51	38.1	6.40	40.8	6.86	43.5	7.33	48.8	8.31	54.1	9.32
		18	27.5	4.75	32.8	5.60	38.1	6.51	40.8	6.98	43.5	7.47	48.8	8.46	54.1	9.50
		20	27.5	4.83	32.8	5.70	38.1	6.63	40.8	7.11	43.5	7.61	48.8	8.63	54.1	9.69
		21	27.5	4.87	32.8	5.75	38.1	6.69	40.8	7.18	43.5	7.68	48.8	8.71	54.1	9.78
		23	27.5	4.94	32.8	5.85	38.1	6.81	40.8	7.31	43.5	7.83	48.8	9.05	54.1	10.4
		25	27.5	5.03	32.8	5.96	38.1	7.08	40.8	7.69	43.5	8.32	48.8	9.66	54.1	11.1
		27	27.5	5.21	32.8	6.31	38.1	7.53	40.8	8.18	43.5	8.86	48.8	10.3	54.1	11.9
		29	27.5	5.52	32.8	6.70	38.1	8.01	40.8	8.70	43.5	9.43	48.8	11.0	54.1	12.7
		31	27.5	5.85	32.8	7.11	38.1	8.50	40.8	9.25	43.5	10.0	48.8	11.7	54.1	13.5
		33	27.5	6.18	32.8	7.54	38.1	9.03	40.8	9.83	43.5	10.7	48.8	12.4	54.1	14.4
		35	27.5	6.54	32.8	7.98	38.1	9.58	40.8	10.4	43.5	11.3	48.8	13.2	54.1	15.3
		37	27.5	6.91	32.8	8.45	38.1	10.2	40.8	11.1	43.5	12.0	48.8	14.1	54.1	16.3
		39	27.5	7.30	32.8	8.95	38.1	10.8	40.8	11.7	43.5	12.8	48.8	14.9	54.1	17.3
50%	300	10	22.9	3.85	27.4	4.46	31.8	5.10	34.0	5.44	36.2	5.78	40.6	6.49	45.1	7.23
		12	22.9	3.90	27.4	4.52	31.8	5.18	34.0	5.52	36.2	5.87	40.6	6.60	45.1	7.36
		14	22.9	3.95	27.4	4.59	31.8	5.26	34.0	5.61	36.2	5.97	40.6	6.71	45.1	7.49
		16	22.9	4.01	27.4	4.66	31.8	5.34	34.0	5.70	36.2	6.07	40.6	6.83	45.1	7.62
		18	22.9	4.06	27.4	4.73	31.8	5.43	34.0	5.80	36.2	6.17	40.6	6.95	45.1	7.76
		20	22.9	4.12	27.4	4.80	31.8	5.52	34.0	5.90	36.2	6.28	40.6	7.08	45.1	7.91
		21	22.9	4.15	27.4	4.84	31.8	5.57	34.0	5.95	36.2	6.34	40.6	7.15	45.1	7.99
		23	22.9	4.21	27.4	4.92	31.8	5.67	34.0	6.06	36.2	6.46	40.6	7.28	45.1	8.17
		25	22.9	4.28	27.4	5.00	31.8	5.77	34.0	6.18	36.2	6.65	40.6	7.65	45.1	8.71
		27	22.9	4.35	27.4	5.18	31.8	6.09	34.0	6.57	36.2	7.07	40.6	8.14	45.1	9.29
		29	22.9	4.60	27.4	5.49	31.8	6.46	34.0	6.98	36.2	7.52	40.6	8.66	45.1	9.89
		31	22.9	4.86	27.4	5.81	31.8	6.85	34.0	7.40	36.2	7.98	40.6	9.20	45.1	10.5
		33	22.9	5.13	27.4	6.14	31.8	7.26	34.0	7.85	36.2	8.47	40.6	9.78	45.1	11.2
		35	22.9	5.41	27.4	6.50	31.8	7.68	34.0	8.32	36.2	8.98	40.6	10.4	45.1	11.9
		37	22.9	5.71	27.4	6.86	31.8	8.13	34.0	8.81	36.2	9.52	40.6	11.0	45.1	12.6
		39	22.9	6.02	27.4	7.25	31.8	8.60	34.0	9.33	36.2	10.1	40.6	11.7	45.1	13.4

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

26HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	845	10	64.0	11.1	76.4	13.5	88.7	16.1	91.9	16.4	93.1	16.1	95.4	15.4	97.7	14.7
		12	64.0	11.3	76.4	13.8	88.7	16.4	90.8	16.3	91.9	16.0	94.2	15.3	96.5	15.1
		14	64.0	11.5	76.4	14.0	88.4	16.6	89.6	16.3	90.7	15.9	93.0	15.8	95.3	15.9
		16	64.0	11.7	76.4	14.3	87.2	16.5	88.4	16.4	89.5	16.5	91.8	16.6	94.2	16.8
		18	64.0	11.9	76.4	14.6	86.0	17.2	87.2	17.2	88.3	17.3	90.7	17.5	93.0	17.7
		20	64.0	12.2	76.4	15.6	84.8	18.0	86.0	18.1	87.2	18.2	89.5	18.3	91.8	18.5
		21	64.0	12.5	76.4	16.1	84.3	18.4	85.4	18.5	86.6	18.6	88.9	18.8	91.2	19.0
		23	64.0	13.4	76.4	17.3	83.1	19.2	84.2	19.3	85.4	19.4	87.7	19.6	90.0	19.8
		25	64.0	14.3	76.4	18.5	81.9	20.1	83.0	20.2	84.2	20.3	86.5	20.5	88.8	20.7
		27	64.0	15.3	76.4	19.8	80.7	20.9	81.8	21.0	83.0	21.2	85.3	21.4	87.6	21.6
		29	64.0	16.3	76.4	21.1	79.5	21.8	80.7	21.9	81.8	22.0	84.1	22.3	86.4	22.5
		31	64.0	17.4	76.0	22.4	78.3	22.6	79.5	22.8	80.6	22.9	82.9	23.1	85.2	23.4
		33	64.0	18.5	74.8	23.2	77.1	23.5	78.3	23.6	79.4	23.8	81.7	24.0	84.1	24.3
		35	64.0	19.8	73.6	24.1	75.9	24.4	77.1	24.5	78.3	24.6	80.6	24.9	82.9	25.2
		37	64.0	21.0	72.4	24.9	74.8	25.2	75.9	25.4	77.1	25.5	79.4	25.8	81.7	26.1
		39	64.0	22.4	71.3	25.8	73.6	26.1	74.7	26.2	75.9	26.4	78.2	26.7	80.5	27.0
120%	780	10	59.1	10.1	70.5	12.3	81.9	14.7	87.6	15.9	91.6	16.5	93.8	15.9	95.9	15.3
		12	59.1	10.3	70.5	12.6	81.9	14.9	87.6	16.2	90.5	16.4	92.6	15.8	94.7	15.2
		14	59.1	10.5	70.5	12.8	81.9	15.2	87.6	16.5	89.3	16.3	91.4	15.7	93.5	15.8
		16	59.1	10.7	70.5	13.1	81.9	15.5	87.0	16.6	88.1	16.4	90.2	16.5	92.3	16.7
		18	59.1	10.9	70.5	13.3	81.9	16.1	85.8	17.1	86.9	17.2	89.0	17.4	91.2	17.5
		20	59.1	11.1	70.5	13.8	81.9	17.3	84.6	18.0	85.7	18.1	87.8	18.2	90.0	18.4
		21	59.1	11.2	70.5	14.3	81.9	17.9	84.0	18.4	85.1	18.5	87.2	18.6	89.4	18.8
		23	59.1	12.0	70.5	15.4	81.8	19.1	82.9	19.2	83.9	19.3	86.1	19.5	88.2	19.7
		25	59.1	12.8	70.5	16.4	80.6	20.0	81.7	20.1	82.7	20.2	84.9	20.4	87.0	20.6
		27	59.1	13.6	70.5	17.6	79.4	20.8	80.5	20.9	81.5	21.0	83.7	21.2	85.8	21.4
		29	59.1	14.6	70.5	18.8	78.2	21.7	79.3	21.8	80.4	21.9	82.5	22.1	84.6	22.3
		31	59.1	15.5	70.5	20.0	77.0	22.5	78.1	22.6	79.2	22.7	81.3	23.0	83.4	23.2
		33	59.1	16.5	70.5	21.4	75.9	23.3	76.9	23.5	78.0	23.6	80.1	23.8	82.2	24.1
		35	59.1	17.6	70.5	22.8	74.7	24.2	75.7	24.3	76.8	24.5	78.9	24.7	81.1	25.0
		37	59.1	18.7	70.5	24.3	73.5	25.1	74.5	25.2	75.6	25.3	77.7	25.6	79.9	25.9
		39	59.1	19.9	70.2	25.6	72.3	25.9	73.4	26.1	74.4	26.2	76.6	26.5	78.7	26.8
110%	715	10	54.2	9.17	64.6	11.2	75.1	13.3	80.3	14.3	85.5	15.4	92.1	16.4	94.1	15.8
		12	54.2	9.33	64.6	11.4	75.1	13.5	80.3	14.6	85.5	15.7	91.0	16.3	92.9	15.7
		14	54.2	9.50	64.6	11.6	75.1	13.8	80.3	14.9	85.5	16.0	89.8	16.2	91.7	15.7
		16	54.2	9.68	64.6	11.8	75.1	14.0	80.3	15.2	85.5	16.3	88.6	16.4	90.5	16.5
		18	54.2	9.87	64.6	12.0	75.1	14.3	80.3	15.6	85.4	17.1	87.4	17.3	89.3	17.4
		20	54.2	10.1	64.6	12.3	75.1	15.2	80.3	16.8	84.2	17.9	86.2	18.1	88.2	18.2
		21	54.2	10.2	64.6	12.7	75.1	15.7	80.3	17.4	83.7	18.4	85.6	18.5	87.6	18.7
		23	54.2	10.6	64.6	13.6	75.1	16.8	80.3	18.6	82.5	19.2	84.4	19.4	86.4	19.5
		25	54.2	11.4	64.6	14.5	75.1	18.0	80.3	19.9	81.3	20.0	83.2	20.2	85.2	20.4
		27	54.2	12.1	64.6	15.5	75.1	19.3	79.1	20.8	80.1	20.9	82.0	21.1	84.0	21.3
		29	54.2	12.9	64.6	16.5	75.1	20.6	77.9	21.6	78.9	21.7	80.9	21.9	82.8	22.1
		31	54.2	13.7	64.6	17.6	75.1	22.0	76.7	22.5	77.7	22.6	79.7	22.8	81.6	23.0
		33	54.2	14.6	64.6	18.8	74.6	23.2	75.6	23.3	76.5	23.4	78.5	23.6	80.4	23.9
		35	54.2	15.6	64.6	20.0	73.4	24.0	74.4	24.2	75.3	24.3	77.3	24.5	79.3	24.7
		37	54.2	16.5	64.6	21.3	72.2	24.9	73.2	25.0	74.2	25.1	76.1	25.4	78.1	25.6
		39	54.2	17.6	64.6	22.7	71.0	25.7	72.0	25.9	73.0	26.0	74.9	26.3	76.9	26.5
100%	650	10	49.3	8.27	58.8	10.0	68.3	11.9	73.0	12.8	77.7	13.8	87.2	15.8	92.3	16.3
		12	49.3	8.41	58.8	10.2	68.3	12.1	73.0	13.1	77.7	14.1	87.2	16.1	91.1	16.2
		14	49.3	8.56	58.8	10.4	68.3	12.3	73.0	13.3	77.7	14.3	87.2	16.4	89.9	16.2
		16	49.3	8.72	58.8	10.6	68.3	12.6	73.0	13.6	77.7	14.6	86.9	16.6	88.7	16.4
		18	49.3	8.88	58.8	10.8	68.3	12.8	73.0	13.9	77.7	14.9	85.8	17.1	87.5	17.3
		20	49.3	9.05	58.8	11.0	68.3	13.2	73.0	14.6	77.7	16.0	84.6	18.0	86.3	18.1
		21	49.3	9.14	58.8	11.1	68.3	13.7	73.0	15.1	77.7	16.5	84.0	18.4	85.8	18.5
		23	49.3	9.38	58.8	11.9	68.3	14.6	73.0	16.2	77.7	17.7	82.8	19.2	84.6	19.4
		25	49.3	10.0	58.8	12.7	68.3	15.7	73.0	17.3	77.7	19.0	81.6	20.1	83.4	20.2
		27	49.3	10.7	58.8	13.5	68.3	16.8	73.0	18.5	77.7	20.3	80.4	20.9	82.2	21.1
		29	49.3	11.4	58.8	14.4	68.3	17.9	73.0	19.8	77.5	21.6	79.2	21.8	81.0	21.9
		31	49.3	12.1	58.8	15.4	68.3	19.1	73.0	21.1	76.3	22.4	78.0	22.6	79.8	22.8
		33	49.3	12.9	58.8	16.4	68.3	20.4	73.0	22.5	75.1	23.3	76.9	23.5	78.6	23.7
		35	49.3	13.7	58.8	17.4	68.3	21.7	73.0	24.0	73.9	24.1	75.7	24.3	77.4	24.5
		37	49.3	14.5	58.8	18.6	68.3	23.1	71.8	24.8	72.7	25.0	74.5	25.2	76.3	25.4
		39	49.3	15.4	58.8	19.7	68.3	24.6	70.6	25.7	71.5	25.8	73.3	26.0	75.1	26.3
90%	585	10	44.3	7.40	52.9	8.93	61.4	10.5	65.7	11.4	70.0	12.2	78.5	14.0	87.1	15.7
		12	44.3	7.53	52.9	9.09	61.4	10.7	65.7	11.6	70.0	12.5	78.5	14.2	87.1	16.0
		14	44.3	7.66	52.9	9.25	61.4	10.9	65.7	11.8	70.0	12.7	78.5	14.5	87.1	16.3
		16	44.3	7.79	52.9	9.42	61.4	11.1	65.7	12.0	70.0	12.9	78.5	14.8	86.9	16.6
		18	44.3	7.93	52.9	9.60	61.4	11.4	65.7	12.3	70.0	13.2	78.5	15.1	85.7	17.1
		20	44.3	8.08	52.9	9.79	61.4	11.6	65.7	12.5	70.0	13.7	78.5	16.2	84.5	18.0
		21	44.3	8.15	52.9	9.88	61.4	11.8	65.7	13.0	70.0	14.2	78.5	16.8	83.9	18.4
		23	44.3	8.31	52.9	10.3	61.4	12.6	65.7	13.9	70.0	15.2	78.5	18.0	82.8	19.2
		25	44.3	8.75	52.9	11.0	61.4	13.5	65.7	14.8	70.0	16.3	78.5	19.3	81.6	20.1
		27	44.3	9.32	52.9	11.7	61.4	14.4	65.7	15.9	70.0	17.4	78.5	20.6	80.4	20.9
		29	44.3	9.91	52.9	12.5	61.4	15.4	65.7	16.9	70.0	18.6	77.6	21.6	79.2	21.8
		31	44.3	10.5	52.9	13.3	61.4	16.4	65.7	18.1	70.0	19.8	76.4	22.4	78.0	22.6
		33	44.3	11.2	52.9	14.1	61.4	17.5	65.7	19.2	70.0	21.1	75.2	23.3	76.8	23.5
		35	44.3	11.9	52.9	15.0	61.4	18.6	65.7	20.5	70.0	22.5	74.0	24.1	75.6	24.3
		37	44.3	12.6	52.9	16.0	61.4	19.8	65.7	21.8	70.0	24.0	72.8	25.0	74.4	25.2
		39	44.3	13.4	52.9	17.0	61.4	21.1	65.7	23.3	70.0	25.6	71.7	25.8	73.3	26.0

3 Capacity tables

3 - 1 Cooling capacity tables

26HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	520	10	39.4	6.57	47.0	7.87	54.6	9.25	58.4	9.96	62.2	10.7	69.8	12.2	77.4	13.7
		12	39.4	6.68	47.0	8.00	54.6	9.41	58.4	10.1	62.2	10.9	69.8	12.4	77.4	14.0
		14	39.4	6.79	47.0	8.14	54.6	9.58	58.4	10.3	62.2	11.1	69.8	12.7	77.4	14.3
		16	39.4	6.90	47.0	8.29	54.6	9.76	58.4	10.5	62.2	11.3	69.8	12.9	77.4	14.5
		18	39.4	7.02	47.0	8.44	54.6	9.95	58.4	10.7	62.2	11.5	69.8	13.2	77.4	14.8
		20	39.4	7.15	47.0	8.60	54.6	10.1	58.4	10.9	62.2	11.8	69.8	13.6	77.4	15.9
		21	39.4	7.21	47.0	8.68	54.6	10.2	58.4	11.0	62.2	12.0	69.8	14.1	77.4	16.4
		23	39.4	7.34	47.0	8.85	54.6	10.7	58.4	11.8	62.2	12.8	69.8	15.1	77.4	17.6
		25	39.4	7.58	47.0	9.42	54.6	11.5	58.4	12.6	62.2	13.7	69.8	16.2	77.4	18.9
		27	39.4	8.07	47.0	10.0	54.6	12.2	58.4	13.4	62.2	14.7	69.8	17.3	77.4	20.2
		29	39.4	8.57	47.0	10.7	54.6	13.0	58.4	14.3	62.2	15.6	69.8	18.5	77.4	21.6
		31	39.4	9.10	47.0	11.4	54.6	13.9	58.4	15.2	62.2	16.7	69.8	19.7	76.2	22.4
		33	39.4	9.66	47.0	12.1	54.6	14.8	58.4	16.2	62.2	17.8	69.8	21.0	75.0	23.3
		35	39.4	10.2	47.0	12.8	54.6	15.7	58.4	17.3	62.2	18.9	69.8	22.4	73.8	24.1
		37	39.4	10.9	47.0	13.6	54.6	16.7	58.4	18.4	62.2	20.1	69.8	23.9	72.6	24.9
		39	39.4	11.5	47.0	14.5	54.6	17.8	58.4	19.6	62.2	21.4	69.8	25.5	71.4	25.8
70%	455	10	34.5	5.78	41.1	6.86	47.8	8.00	51.1	8.60	54.4	9.21	61.1	10.5	67.7	11.8
		12	34.5	5.87	41.1	6.97	47.8	8.14	51.1	8.75	54.4	9.38	61.1	10.7	67.7	12.0
		14	34.5	5.96	41.1	7.09	47.8	8.29	51.1	8.91	54.4	9.55	61.1	10.9	67.7	12.2
		16	34.5	6.05	41.1	7.21	47.8	8.44	51.1	9.07	54.4	9.73	61.1	11.1	67.7	12.5
		18	34.5	6.15	41.1	7.34	47.8	8.59	51.1	9.24	54.4	9.91	61.1	11.3	67.7	12.7
		20	34.5	6.26	41.1	7.47	47.8	8.75	51.1	9.42	54.4	10.1	61.1	11.5	67.7	13.1
		21	34.5	6.31	41.1	7.54	47.8	8.84	51.1	9.51	54.4	10.2	61.1	11.7	67.7	13.5
		23	34.5	6.42	41.1	7.68	47.8	9.02	51.1	9.84	54.4	10.7	61.1	12.5	67.7	14.5
		25	34.5	6.53	41.1	7.98	47.8	9.62	51.1	10.5	54.4	11.4	61.1	13.4	67.7	15.5
		27	34.5	6.91	41.1	8.49	47.8	10.2	51.1	11.2	54.4	12.2	61.1	14.3	67.7	16.6
		29	34.5	7.33	41.1	9.03	47.8	10.9	51.1	11.9	54.4	13.0	61.1	15.2	67.7	17.7
		31	34.5	7.77	41.1	9.59	47.8	11.6	51.1	12.7	54.4	13.8	61.1	16.2	67.7	18.9
		33	34.5	8.24	41.1	10.2	47.8	12.3	51.1	13.5	54.4	14.7	61.1	17.3	67.7	20.1
		35	34.5	8.72	41.1	10.8	47.8	13.1	51.1	14.4	54.4	15.7	61.1	18.4	67.7	21.4
		37	34.5	9.23	41.1	11.5	47.8	13.9	51.1	15.3	54.4	16.6	61.1	19.6	67.7	22.8
		39	34.5	9.77	41.1	12.1	47.8	14.8	51.1	16.2	54.4	17.7	61.1	20.9	67.7	24.3
60%	390	10	29.6	5.03	35.3	5.90	41.0	6.83	43.8	7.31	46.6	7.81	52.3	8.83	58.0	9.89
		12	29.6	5.10	35.3	5.99	41.0	6.94	43.8	7.43	46.6	7.94	52.3	8.98	58.0	10.1
		14	29.6	5.17	35.3	6.08	41.0	7.06	43.8	7.56	46.6	8.08	52.3	9.15	58.0	10.3
		16	29.6	5.25	35.3	6.18	41.0	7.18	43.8	7.69	46.6	8.22	52.3	9.32	58.0	10.5
		18	29.6	5.33	35.3	6.29	41.0	7.30	43.8	7.83	46.6	8.37	52.3	9.49	58.0	10.7
		20	29.6	5.41	35.3	6.39	41.0	7.43	43.8	7.98	46.6	8.53	52.3	9.68	58.0	10.9
		21	29.6	5.46	35.3	6.45	41.0	7.50	43.8	8.05	46.6	8.61	52.3	9.77	58.0	11.0
		23	29.6	5.55	35.3	6.56	41.0	7.64	43.8	8.20	46.6	8.78	52.3	10.2	58.0	11.7
		25	29.6	5.64	35.3	6.68	41.0	7.94	43.8	8.62	46.6	9.33	52.3	10.8	58.0	12.5
		27	29.6	5.84	35.3	7.08	41.0	8.45	43.8	9.18	46.6	9.94	52.3	11.6	58.0	13.3
		29	29.6	6.19	35.3	7.52	41.0	8.98	43.8	9.76	46.6	10.6	52.3	12.3	58.0	14.2
		31	29.6	6.56	35.3	7.97	41.0	9.54	43.8	10.4	46.6	11.3	52.3	13.1	58.0	15.1
		33	29.6	6.94	35.3	8.45	41.0	10.1	43.8	11.0	46.6	12.0	52.3	13.9	58.0	16.1
		35	29.6	7.33	35.3	8.95	41.0	10.7	43.8	11.7	46.6	12.7	52.3	14.8	58.0	17.1
		37	29.6	7.75	35.3	9.48	41.0	11.4	43.8	12.4	46.6	13.5	52.3	15.8	58.0	18.2
		39	29.6	8.19	35.3	10.0	41.0	12.1	43.8	13.2	46.6	14.3	52.3	16.8	58.0	19.4
50%	325	10	24.6	4.32	29.4	5.00	34.1	5.72	36.5	6.10	38.9	6.48	43.6	7.28	48.4	8.11
		12	24.6	4.38	29.4	5.07	34.1	5.81	36.5	6.19	38.9	6.59	43.6	7.40	48.4	8.25
		14	24.6	4.43	29.4	5.14	34.1	5.90	36.5	6.29	38.9	6.69	43.6	7.53	48.4	8.40
		16	24.6	4.49	29.4	5.22	34.1	5.99	36.5	6.40	38.9	6.81	43.6	7.66	48.4	8.55
		18	24.6	4.56	29.4	5.30	34.1	6.09	36.5	6.50	38.9	6.92	43.6	7.80	48.4	8.71
		20	24.6	4.62	29.4	5.38	34.1	6.19	36.5	6.61	38.9	7.05	43.6	7.94	48.4	8.87
		21	24.6	4.66	29.4	5.43	34.1	6.25	36.5	6.67	38.9	7.11	43.6	8.01	48.4	8.96
		23	24.6	4.72	29.4	5.51	34.1	6.35	36.5	6.79	38.9	7.24	43.6	8.17	48.4	9.16
		25	24.6	4.80	29.4	5.61	34.1	6.47	36.5	6.93	38.9	7.46	43.6	8.58	48.4	9.77
		27	24.6	4.87	29.4	5.81	34.1	6.83	36.5	7.37	38.9	7.93	43.6	9.13	48.4	10.4
		29	24.6	5.16	29.4	6.15	34.1	7.24	36.5	7.82	38.9	8.43	43.6	9.71	48.4	11.1
		31	24.6	5.45	29.4	6.51	34.1	7.68	36.5	8.30	38.9	8.95	43.6	10.3	48.4	11.8
		33	24.6	5.75	29.4	6.89	34.1	8.14	36.5	8.80	38.9	9.50	43.6	11.0	48.4	12.5
		35	24.6	6.07	29.4	7.28	34.1	8.62	36.5	9.33	38.9	10.1	43.6	11.6	48.4	13.3
		37	24.6	6.40	29.4	7.70	34.1	9.12	36.5	9.88	38.9	10.7	43.6	12.4	48.4	14.2
		39	24.6	6.75	29.4	8.13	34.1	9.65	36.5	10.5	38.9	11.3	43.6	13.1	48.4	15.0

NOTES

1 The above table shows the average value of conditions which may occur.

3

3 Capacity tables

3 - 1 Cooling capacity tables

28HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	910	10	68.9	11.6	82.1	14.2	95.4	16.9	98.9	17.2	100	16.9	103	16.2	105	15.5
		12	68.9	11.8	82.1	14.5	95.4	17.2	97.6	17.2	98.8	16.8	101	16.1	104	15.8
		14	68.9	12.0	82.1	14.7	95.1	17.4	96.3	17.1	97.6	16.7	100	16.6	103	16.7
		16	68.9	12.3	82.1	15.0	93.8	17.3	95.0	17.2	96.3	17.3	98.8	17.5	101	17.6
		18	68.9	12.5	82.1	15.3	92.5	18.0	93.8	18.1	95.0	18.2	97.5	18.4	100	18.5
		20	68.9	12.8	82.1	16.3	91.2	18.9	92.5	19.0	93.7	19.1	96.2	19.3	98.7	19.5
		21	68.9	13.1	82.1	16.9	90.6	19.3	91.8	19.4	93.1	19.5	95.6	19.7	98.1	19.9
		23	68.9	14.0	82.1	18.1	89.3	20.2	90.6	20.3	91.8	20.4	94.3	20.6	96.8	20.8
		25	68.9	15.0	82.1	19.4	88.0	21.1	89.3	21.2	90.5	21.3	93.0	21.5	95.5	21.7
		27	68.9	16.0	82.1	20.8	86.8	22.0	88.0	22.1	89.3	22.2	91.7	22.4	94.2	22.7
		29	68.9	17.1	82.1	22.2	85.5	22.9	86.7	23.0	88.0	23.1	90.5	23.4	92.9	23.6
		31	68.9	18.3	81.7	23.5	84.2	23.8	85.5	23.9	86.7	24.0	89.2	24.3	91.7	24.5
		33	68.9	19.5	80.5	24.4	82.9	24.7	84.2	24.8	85.4	24.9	87.9	25.2	90.4	25.5
		35	68.9	20.7	79.2	25.3	81.7	25.6	82.9	25.7	84.1	25.9	86.6	26.1	89.1	26.4
		37	68.9	22.1	77.9	26.2	80.4	26.5	81.6	26.6	82.9	26.8	85.4	27.1	87.8	27.4
		39	68.9	23.5	76.6	27.1	79.1	27.4	80.4	27.6	81.6	27.7	84.1	28.0	86.6	28.4
120%	840	10	63.6	10.6	75.8	13.0	88.1	15.4	94.2	16.6	98.5	17.3	101	16.7	103	16.0
		12	63.6	10.8	75.8	13.2	88.1	15.7	94.2	17.0	97.3	17.3	99.6	16.6	102	15.9
		14	63.6	11.0	75.8	13.4	88.1	16.0	94.2	17.3	96.0	17.2	98.3	16.5	101	16.6
		16	63.6	11.2	75.8	13.7	88.1	16.3	93.6	17.4	94.7	17.2	97.0	17.4	99.3	17.5
		18	63.6	11.4	75.8	14.0	88.1	16.9	92.3	18.0	93.4	18.1	95.7	18.2	98.0	18.4
		20	63.6	11.6	75.8	14.5	88.1	18.1	91.0	18.9	92.2	19.0	94.5	19.1	96.7	19.3
		21	63.6	11.8	75.8	15.0	88.1	18.8	90.4	19.3	91.5	19.4	93.8	19.6	96.1	19.8
		23	63.6	12.6	75.8	16.1	88.0	20.1	89.1	20.2	90.2	20.3	92.5	20.5	94.8	20.7
		25	63.6	13.4	75.8	17.3	86.7	21.0	87.8	21.1	89.0	21.2	91.3	21.4	93.6	21.6
		27	63.6	14.3	75.8	18.4	85.4	21.9	86.5	22.0	87.7	22.1	90.0	22.3	92.3	22.5
		29	63.6	15.3	75.8	19.7	84.1	22.7	85.3	22.8	86.4	23.0	88.7	23.2	91.0	23.4
		31	63.6	16.3	75.8	21.0	82.8	23.6	84.0	23.7	85.1	23.9	87.4	24.1	89.7	24.3
		33	63.6	17.4	75.8	22.4	81.6	24.5	82.7	24.6	83.9	24.8	86.2	25.0	88.4	25.3
		35	63.6	18.5	75.8	23.9	80.3	25.4	81.4	25.5	82.6	25.7	84.9	25.9	87.2	26.2
		37	63.6	19.7	75.8	25.5	79.0	26.3	80.2	26.4	81.3	26.6	83.6	26.9	85.9	27.2
		39	63.6	20.9	75.4	26.9	77.7	27.2	78.9	27.4	80.0	27.5	82.3	27.8	84.6	28.1
110%	770	10	58.3	9.63	69.5	11.7	80.7	13.9	86.4	15.0	92.0	16.2	99.1	17.2	101	16.6
		12	58.3	9.80	69.5	11.9	80.7	14.2	86.4	15.3	92.0	16.5	97.8	17.1	99.9	16.5
		14	58.3	10.0	69.5	12.2	80.7	14.5	86.4	15.6	92.0	16.8	96.5	17.0	98.6	16.5
		16	58.3	10.2	69.5	12.4	80.7	14.7	86.4	15.9	92.0	17.1	95.3	17.2	97.4	17.4
		18	58.3	10.4	69.5	12.6	80.7	15.0	86.4	16.4	91.9	18.0	94.0	18.1	96.1	18.3
		20	58.3	10.6	69.5	12.9	80.7	15.9	86.4	17.6	90.6	18.8	92.7	19.0	94.8	19.2
		21	58.3	10.7	69.5	13.3	80.7	16.5	86.4	18.2	90.0	19.3	92.1	19.4	94.2	19.6
		23	58.3	11.2	69.5	14.2	80.7	17.7	86.4	19.6	88.7	20.2	90.8	20.3	92.9	20.5
		25	58.3	11.9	69.5	15.2	80.7	18.9	86.4	20.9	87.4	21.0	89.5	21.2	91.6	21.4
		27	58.3	12.7	69.5	16.3	80.7	20.2	85.1	21.8	86.1	21.9	88.2	22.1	90.3	22.3
		29	58.3	13.6	69.5	17.4	80.7	21.6	83.8	22.7	84.9	22.8	87.0	23.0	89.1	23.2
		31	58.3	14.4	69.5	18.5	80.7	23.1	82.5	23.6	83.6	23.7	85.7	23.9	87.8	24.1
		33	58.3	15.4	69.5	19.7	80.2	24.4	81.2	24.5	82.3	24.6	84.4	24.8	86.5	25.1
		35	58.3	16.3	69.5	21.0	78.9	25.2	80.0	25.4	81.0	25.5	83.1	25.7	85.2	26.0
		37	58.3	17.4	69.5	22.4	77.6	26.1	78.7	26.3	79.7	26.4	81.8	26.7	83.9	26.9
		39	58.3	18.5	69.5	23.8	76.4	27.0	77.4	27.2	78.5	27.3	80.6	27.6	82.7	27.9
100%	700	10	53.0	8.68	63.2	10.5	73.4	12.5	78.5	13.5	83.6	14.5	93.8	16.6	99.2	17.1
		12	53.0	8.84	63.2	10.7	73.4	12.7	78.5	13.7	83.6	14.8	93.8	16.9	98.0	17.1
		14	53.0	8.99	63.2	10.9	73.4	13.0	78.5	14.0	83.6	15.1	93.8	17.2	96.7	17.0
		16	53.0	9.16	63.2	11.1	73.4	13.2	78.5	14.3	83.6	15.3	93.5	17.4	95.4	17.2
		18	53.0	9.33	63.2	11.3	73.4	13.5	78.5	14.6	83.6	15.7	92.2	18.0	94.1	18.1
		20	53.0	9.50	63.2	11.6	73.4	13.9	78.5	15.3	83.6	16.8	90.9	18.9	92.9	19.0
		21	53.0	9.59	63.2	11.7	73.4	14.4	78.5	15.8	83.6	17.4	90.3	19.3	92.2	19.5
		23	53.0	9.85	63.2	12.5	73.4	15.4	78.5	17.0	83.6	18.6	89.0	20.2	90.9	20.3
		25	53.0	10.5	63.2	13.3	73.4	16.5	78.5	18.2	83.6	19.9	87.8	21.1	89.7	21.2
		27	53.0	11.2	63.2	14.2	73.4	17.6	78.5	19.4	83.6	21.3	86.5	22.0	88.4	22.1
		29	53.0	11.9	63.2	15.2	73.4	18.8	78.5	20.7	83.3	22.7	85.2	22.8	87.1	23.0
		31	53.0	12.7	63.2	16.2	73.4	20.0	78.5	22.1	82.0	23.5	83.9	23.7	85.8	23.9
		33	53.0	13.5	63.2	17.2	73.4	21.4	78.5	23.6	80.7	24.4	82.6	24.6	84.6	24.8
		35	53.0	14.3	63.2	18.3	73.4	22.8	78.5	25.2	79.5	25.3	81.4	25.5	83.3	25.8
		37	53.0	15.2	63.2	19.5	73.4	24.3	77.2	26.1	78.2	26.2	80.1	26.4	82.0	26.7
		39	53.0	16.2	63.2	20.7	73.4	25.9	75.9	27.0	76.9	27.1	78.8	27.4	80.7	27.6
90%	630	10	47.7	7.77	56.9	9.37	66.1	11.1	70.7	11.9	75.2	12.8	84.4	14.7	93.6	16.5
		12	47.7	7.90	56.9	9.54	66.1	11.3	70.7	12.2	75.2	13.1	84.4	14.9	93.6	16.8
		14	47.7	8.04	56.9	9.71	66.1	11.5	70.7	12.4	75.2	13.3	84.4	15.2	93.6	17.2
		16	47.7	8.18	56.9	9.89	66.1	11.7	70.7	12.6	75.2	13.6	84.4	15.5	93.5	17.4
		18	47.7	8.33	56.9	10.1	66.1	11.9	70.7	12.9	75.2	13.9	84.4	15.8	92.2	18.0
		20	47.7	8.48	56.9	10.3	66.1	12.2	70.7	13.1	75.2	14.4	84.4	17.0	90.9	18.9
		21	47.7	8.56	56.9	10.4	66.1	12.4	70.7	13.6	75.2	14.9	84.4	17.6	90.3	19.3
		23	47.7	8.73	56.9	10.8	66.1	13.2	70.7	14.6	75.2	15.9	84.4	18.9	89.0	20.2
		25	47.7	9.19	56.9	11.5	66.1	14.2	70.7	15.6	75.2	17.1	84.4	20.2	87.7	21.1
		27	47.7	9.78	56.9	12.3	66.1	15.1	70.7	16.6	75.2	18.2	84.4	21.7	86.4	21.9
		29	47.7	10.4	56.9	13.1	66.1	16.1	70.7	17.8	75.2	19.5	83.4	22.7	85.2	22.8
		31	47.7	11.1	56.9	14.0	66.1	17.2	70.7	19.0	75.2	20.8	82.2	23.6	83.9	23.7
		33	47.7	11.8	56.9	14.9	66.1	18.3	70.7	20.2	75.2	22.2	80.9	24.4	82.6	24.6
		35	47.7	12.5	56.9	15.8	66.1	19.5	70.7	21.5	75.2	23.6	79.6	25.3	81.3	25.5
		37	47.7	13.2	56.9	16.8	66.1	20.8	70.7	22.9	75.2	25.2	78.3	26.2	80.1	26.4
		39	47.7	14.1	56.9	17.8	66.1	22.1	70.7	24.4	75.2	26.8	77.1	27.1	78.8	27.3

3 Capacity tables

3 - 1 Cooling capacity tables

28HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	560	10	42.4	6.90	50.5	8.26	58.7	9.71	62.8	10.5	66.9	11.2	75.1	12.8	83.2	14.4
		12	42.4	7.01	50.5	8.40	58.7	9.88	62.8	10.6	66.9	11.4	75.1	13.0	83.2	14.7
		14	42.4	7.13	50.5	8.55	58.7	10.1	62.8	10.8	66.9	11.6	75.1	13.3	83.2	15.0
		16	42.4	7.25	50.5	8.70	58.7	10.3	62.8	11.1	66.9	11.9	75.1	13.5	83.2	15.3
		18	42.4	7.37	50.5	8.86	58.7	10.4	62.8	11.3	66.9	12.1	75.1	13.8	83.2	15.6
		20	42.4	7.50	50.5	9.03	58.7	10.6	62.8	11.5	66.9	12.3	75.1	14.3	83.2	16.7
		21	42.4	7.57	50.5	9.12	58.7	10.8	62.8	11.6	66.9	12.6	75.1	14.8	83.2	17.3
		23	42.4	7.71	50.5	9.29	58.7	11.3	62.8	12.4	66.9	13.5	75.1	15.9	83.2	18.5
		25	42.4	7.96	50.5	9.89	58.7	12.0	62.8	13.2	66.9	14.4	75.1	17.0	83.2	19.8
		27	42.4	8.47	50.5	10.5	58.7	12.8	62.8	14.1	66.9	15.4	75.1	18.2	83.2	21.2
		29	42.4	9.00	50.5	11.2	58.7	13.7	62.8	15.0	66.9	16.4	75.1	19.4	83.2	22.6
		31	42.4	9.56	50.5	11.9	58.7	14.6	62.8	16.0	66.9	17.5	75.1	20.7	81.9	23.5
		33	42.4	10.1	50.5	12.7	58.7	15.5	62.8	17.1	66.9	18.7	75.1	22.1	80.7	24.4
		35	42.4	10.8	50.5	13.5	58.7	16.5	62.8	18.2	66.9	19.9	75.1	23.6	79.4	25.3
		37	42.4	11.4	50.5	14.3	58.7	17.6	62.8	19.3	66.9	21.2	75.1	25.1	78.1	26.2
		39	42.4	12.1	50.5	15.2	58.7	18.7	62.8	20.5	66.9	22.5	75.1	26.7	76.8	27.1
70%	490	10	37.1	6.07	44.2	7.20	51.4	8.40	55.0	9.03	58.5	9.67	65.7	11.0	72.8	12.4
		12	37.1	6.16	44.2	7.32	51.4	8.55	55.0	9.19	58.5	9.85	65.7	11.2	72.8	12.6
		14	37.1	6.26	44.2	7.44	51.4	8.70	55.0	9.36	58.5	10.0	65.7	11.4	72.8	12.8
		16	37.1	6.36	44.2	7.57	51.4	8.86	55.0	9.53	58.5	10.2	65.7	11.6	72.8	13.1
		18	37.1	6.46	44.2	7.70	51.4	9.02	55.0	9.71	58.5	10.4	65.7	11.9	72.8	13.3
		20	37.1	6.57	44.2	7.84	51.4	9.19	55.0	9.89	58.5	10.6	65.7	12.1	72.8	13.7
		21	37.1	6.62	44.2	7.91	51.4	9.28	55.0	10.0	58.5	10.7	65.7	12.3	72.8	14.2
		23	37.1	6.74	44.2	8.06	51.4	9.47	55.0	10.3	58.5	11.2	65.7	13.1	72.8	15.2
		25	37.1	6.86	44.2	8.38	51.4	10.1	55.0	11.0	58.5	12.0	65.7	14.0	72.8	16.3
		27	37.1	7.25	44.2	8.92	51.4	10.8	55.0	11.8	58.5	12.8	65.7	15.0	72.8	17.4
		29	37.1	7.70	44.2	9.48	51.4	11.5	55.0	12.5	58.5	13.6	65.7	16.0	72.8	18.6
		31	37.1	8.16	44.2	10.1	51.4	12.2	55.0	13.3	58.5	14.5	65.7	17.1	72.8	19.8
		33	37.1	8.65	44.2	10.7	51.4	13.0	55.0	14.2	58.5	15.5	65.7	18.2	72.8	21.1
		35	37.1	9.16	44.2	11.3	51.4	13.8	55.0	15.1	58.5	16.4	65.7	19.4	72.8	22.5
		37	37.1	9.70	44.2	12.0	51.4	14.6	55.0	16.0	58.5	17.5	65.7	20.6	72.8	24.0
		39	37.1	10.3	44.2	12.8	51.4	15.5	55.0	17.0	58.5	18.6	65.7	21.9	72.8	25.5
60%	420	10	31.8	5.28	37.9	6.19	44.0	7.17	47.1	7.68	50.2	8.20	56.3	9.27	62.4	10.4
		12	31.8	5.35	37.9	6.29	44.0	7.29	47.1	7.80	50.2	8.34	56.3	9.43	62.4	10.6
		14	31.8	5.43	37.9	6.39	44.0	7.41	47.1	7.94	50.2	8.48	56.3	9.60	62.4	10.8
		16	31.8	5.51	37.9	6.49	44.0	7.53	47.1	8.08	50.2	8.63	56.3	9.78	62.4	11.0
		18	31.8	5.60	37.9	6.60	44.0	7.67	47.1	8.22	50.2	8.79	56.3	10.0	62.4	11.2
		20	31.8	5.68	37.9	6.71	44.0	7.80	47.1	8.37	50.2	8.96	56.3	10.2	62.4	11.4
		21	31.8	5.73	37.9	6.77	44.0	7.88	47.1	8.45	50.2	9.04	56.3	10.3	62.4	11.5
		23	31.8	5.82	37.9	6.89	44.0	8.02	47.1	8.61	50.2	9.22	56.3	10.7	62.4	12.2
		25	31.8	5.92	37.9	7.01	44.0	8.34	47.1	9.05	50.2	9.80	56.3	11.4	62.4	13.1
		27	31.8	6.14	37.9	7.44	44.0	8.87	47.1	9.64	50.2	10.4	56.3	12.1	62.4	14.0
		29	31.8	6.50	37.9	7.89	44.0	9.43	47.1	10.2	50.2	11.1	56.3	12.9	62.4	14.9
		31	31.8	6.88	37.9	8.37	44.0	10.0	47.1	10.9	50.2	11.8	56.3	13.8	62.4	15.9
		33	31.8	7.28	37.9	8.87	44.0	10.6	47.1	11.6	50.2	12.6	56.3	14.6	62.4	16.9
		35	31.8	7.70	37.9	9.40	44.0	11.3	47.1	12.3	50.2	13.3	56.3	15.6	62.4	18.0
		37	31.8	8.14	37.9	10.0	44.0	12.0	47.1	13.0	50.2	14.2	56.3	16.6	62.4	19.1
		39	31.8	8.60	37.9	10.5	44.0	12.7	47.1	13.8	50.2	15.0	56.3	17.6	62.4	20.4
50%	350	10	26.5	4.54	31.6	5.25	36.7	6.01	39.3	6.40	41.8	6.81	46.9	7.64	52.0	8.51
		12	26.5	4.59	31.6	5.32	36.7	6.10	39.3	6.50	41.8	6.92	46.9	7.77	52.0	8.66
		14	26.5	4.66	31.6	5.40	36.7	6.19	39.3	6.61	41.8	7.03	46.9	7.90	52.0	8.82
		16	26.5	4.72	31.6	5.48	36.7	6.29	39.3	6.71	41.8	7.15	46.9	8.04	52.0	8.98
		18	26.5	4.78	31.6	5.57	36.7	6.40	39.3	6.83	41.8	7.27	46.9	8.19	52.0	9.14
		20	26.5	4.85	31.6	5.65	36.7	6.50	39.3	6.95	41.8	7.40	46.9	8.34	52.0	9.31
		21	26.5	4.89	31.6	5.70	36.7	6.56	39.3	7.01	41.8	7.46	46.9	8.41	52.0	9.40
		23	26.5	4.96	31.6	5.79	36.7	6.67	39.3	7.13	41.8	7.60	46.9	8.57	52.0	9.62
		25	26.5	5.04	31.6	5.89	36.7	6.79	39.3	7.28	41.8	7.83	46.9	9.00	52.0	10.3
		27	26.5	5.12	31.6	6.10	36.7	7.17	39.3	7.74	41.8	8.33	46.9	9.59	52.0	10.9
		29	26.5	5.41	31.6	6.46	36.7	7.61	39.3	8.22	41.8	8.85	46.9	10.2	52.0	11.6
		31	26.5	5.72	31.6	6.84	36.7	8.06	39.3	8.72	41.8	9.40	46.9	10.8	52.0	12.4
		33	26.5	6.04	31.6	7.23	36.7	8.54	39.3	9.24	41.8	10.0	46.9	11.5	52.0	13.2
		35	26.5	6.37	31.6	7.65	36.7	9.05	39.3	9.79	41.8	10.6	46.9	12.2	52.0	14.0
		37	26.5	6.72	31.6	8.08	36.7	9.58	39.3	10.4	41.8	11.2	46.9	13.0	52.0	14.9
		39	26.5	7.09	31.6	8.54	36.7	10.1	39.3	11.0	41.8	11.9	46.9	13.8	52.0	15.8

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	975	10	74.6	13.5	88.9	16.6	103	19.7	107	20.1	108	19.7	111	18.9	114	18.0
		12	74.6	13.8	88.9	16.9	103	20.1	106	20.0	107	19.6	110	18.8	112	18.5
		14	74.6	14.0	88.9	17.2	103	20.3	104	19.9	106	19.5	108	19.3	111	19.5
		16	74.6	14.3	88.9	17.5	102	20.2	103	20.1	104	20.2	107	20.4	110	20.6
		18	74.6	14.6	88.9	17.9	100	21.0	102	21.1	103	21.2	106	21.4	108	21.6
		20	74.6	14.9	88.9	19.1	98.8	22.0	100	22.1	101	22.3	104	22.5	107	22.7
		21	74.6	15.3	88.9	19.7	98.1	22.5	99.5	22.7	101	22.8	103	23.0	106	23.2
		23	74.6	16.4	88.9	21.2	96.7	23.6	98.1	23.7	99.4	23.8	102	24.1	105	24.3
		25	74.6	17.5	88.9	22.7	95.3	24.6	96.7	24.7	98.0	24.9	101	25.1	103	25.4
		27	74.6	18.7	88.9	24.2	94.0	25.6	95.3	25.8	96.6	25.9	99.3	26.2	102	26.5
		29	74.6	20.0	88.9	25.9	92.6	26.7	93.9	26.8	95.3	27.0	98.0	27.3	101	27.5
		31	74.6	21.3	88.5	27.4	91.2	27.7	92.5	27.9	93.9	28.0	96.6	28.3	99.3	28.6
		33	74.6	22.7	87.1	28.5	89.8	28.8	91.2	28.9	92.5	29.1	95.2	29.4	97.9	29.7
		35	74.6	24.2	85.7	29.5	88.4	29.8	89.8	30.0	91.1	30.2	93.8	30.5	96.5	30.8
		37	74.6	25.8	84.4	30.5	87.0	30.9	88.4	31.1	89.7	31.2	92.4	31.6	95.1	32.0
		39	74.6	27.4	83.0	31.6	85.7	32.0	87.0	32.1	88.4	32.3	91.0	32.7	93.7	33.1
120%	900	10	68.8	12.4	82.1	15.1	95.4	18.0	102	19.4	107	20.2	109	19.5	112	18.7
		12	68.8	12.6	82.1	15.4	95.4	18.3	102	19.8	105	20.1	108	19.4	110	18.6
		14	68.8	12.8	82.1	15.7	95.4	18.7	102	20.2	104	20.0	106	19.2	109	19.4
		16	68.8	13.1	82.1	16.0	95.4	19.0	101	20.3	103	20.1	105	20.2	108	20.4
		18	68.8	13.3	82.1	16.3	95.4	19.7	99.9	21.0	101	21.1	104	21.3	106	21.5
		20	68.8	13.6	82.1	17.0	95.4	21.1	98.6	22.0	99.8	22.1	102	22.3	105	22.5
		21	68.8	13.7	82.1	17.6	95.4	21.9	97.9	22.5	99.1	22.6	102	22.8	104	23.0
		23	68.8	14.7	82.1	18.8	95.2	23.4	96.5	23.6	97.7	23.7	100	23.9	103	24.1
		25	68.8	15.7	82.1	20.1	93.9	24.5	95.1	24.6	96.3	24.7	98.8	24.9	101	25.2
		27	68.8	16.7	82.1	21.5	92.5	25.5	93.7	25.6	95.0	25.7	97.4	26.0	99.9	26.2
		29	68.8	17.8	82.1	23.0	91.1	26.5	92.3	26.7	93.6	26.8	96.1	27.1	98.5	27.3
		31	68.8	19.0	82.1	24.5	89.7	27.6	90.9	27.7	92.2	27.8	94.7	28.1	97.2	28.4
		33	68.8	20.2	82.1	26.2	88.3	28.6	89.6	28.7	90.8	28.9	93.3	29.2	95.8	29.5
		35	68.8	21.6	82.1	27.9	86.9	29.6	88.2	29.8	89.4	30.0	91.9	30.3	94.4	30.6
		37	68.8	22.9	82.1	29.7	85.6	30.7	86.8	30.9	88.0	31.0	90.5	31.4	93.0	31.7
		39	68.8	24.4	81.7	31.4	84.2	31.7	85.4	31.9	86.7	32.1	89.1	32.4	91.6	32.8
110%	825	10	63.1	11.2	75.3	13.7	87.4	16.2	93.5	17.6	99.6	18.9	107	20.1	110	19.4
		12	63.1	11.4	75.3	13.9	87.4	16.5	93.5	17.9	99.6	19.2	106	20.0	108	19.2
		14	63.1	11.6	75.3	14.2	87.4	16.9	93.5	18.2	99.6	19.6	105	19.8	107	19.2
		16	63.1	11.9	75.3	14.5	87.4	17.2	93.5	18.6	99.6	20.0	103	20.1	105	20.3
		18	63.1	12.1	75.3	14.8	87.4	17.5	93.5	19.1	99.5	21.0	102	21.1	104	21.3
		20	63.1	12.3	75.3	15.0	87.4	18.6	93.5	20.5	98.1	22.0	100	22.2	103	22.4
		21	63.1	12.4	75.3	15.5	87.4	19.2	93.5	21.3	97.4	22.5	99.7	22.7	102	22.9
		23	63.1	13.0	75.3	16.6	87.4	20.6	93.5	22.8	96.0	23.5	98.3	23.7	101	23.9
		25	63.1	13.9	75.3	17.8	87.4	22.1	93.5	24.4	94.6	24.5	96.9	24.8	99.2	25.0
		27	63.1	14.8	75.3	19.0	87.4	23.6	92.1	25.5	93.3	25.6	95.5	25.8	97.8	26.0
		29	63.1	15.8	75.3	20.2	87.4	25.2	90.7	26.5	91.9	26.6	94.2	26.9	96.4	27.1
		31	63.1	16.8	75.3	21.6	87.4	27.0	89.4	27.5	90.5	27.6	92.8	27.9	95.0	28.2
		33	63.1	17.9	75.3	23.0	86.8	28.4	88.0	28.6	89.1	28.7	91.4	29.0	93.7	29.2
		35	63.1	19.1	75.3	24.5	85.5	29.5	86.6	29.6	87.7	29.7	90.0	30.0	92.3	30.3
		37	63.1	20.3	75.3	26.1	84.1	30.5	85.2	30.6	86.3	30.8	88.6	31.1	90.9	31.4
		39	63.1	21.5	75.3	27.8	82.7	31.5	83.8	31.7	85.0	31.9	87.2	32.2	89.5	32.5
100%	750	10	57.4	10.1	68.4	12.3	79.5	14.6	85.0	15.7	90.5	16.9	102	19.3	107	20.0
		12	57.4	10.3	68.4	12.5	79.5	14.8	85.0	16.0	90.5	17.2	102	19.7	106	19.9
		14	57.4	10.5	68.4	12.7	79.5	15.1	85.0	16.3	90.5	17.6	102	20.1	105	19.8
		16	57.4	10.7	68.4	13.0	79.5	15.4	85.0	16.6	90.5	17.9	101	20.3	103	20.1
		18	57.4	10.9	68.4	13.2	79.5	15.7	85.0	17.0	90.5	18.3	99.9	21.0	102	21.1
		20	57.4	11.1	68.4	13.5	79.5	16.2	85.0	17.8	90.5	19.6	98.5	22.0	101	22.2
		21	57.4	11.2	68.4	13.6	79.5	16.8	85.0	18.5	90.5	20.3	97.8	22.5	99.8	22.7
		23	57.4	11.5	68.4	14.5	79.5	17.9	85.0	19.8	90.5	21.7	96.4	23.5	98.5	23.7
		25	57.4	12.3	68.4	15.5	79.5	19.2	85.0	21.2	90.5	23.3	95.0	24.6	97.1	24.8
		27	57.4	13.1	68.4	16.6	79.5	20.5	85.0	22.7	90.5	24.9	93.6	25.6	95.7	25.8
		29	57.4	13.9	68.4	17.7	79.5	21.9	85.0	24.2	90.2	26.4	92.3	26.6	94.3	26.9
		31	57.4	14.8	68.4	18.8	79.5	23.4	85.0	25.8	88.8	27.5	90.9	27.7	92.9	27.9
		33	57.4	15.7	68.4	20.1	79.5	24.9	85.0	27.6	87.4	28.5	89.5	28.7	91.6	29.0
		35	57.4	16.7	68.4	21.4	79.5	26.6	85.0	29.4	86.0	29.5	88.1	29.8	90.2	30.0
		37	57.4	17.8	68.4	22.7	79.5	28.3	83.6	30.4	84.7	30.6	86.7	30.8	88.8	31.1
		39	57.4	18.9	68.4	24.2	79.5	30.2	82.2	31.5	83.3	31.6	85.3	31.9	87.4	32.2
90%	675	10	51.6	9.07	61.6	10.9	71.5	12.9	76.5	13.9	81.5	15.0	91.4	17.1	101	19.3
		12	51.6	9.22	61.6	11.1	71.5	13.1	76.5	14.2	81.5	15.3	91.4	17.4	101	19.6
		14	51.6	9.38	61.6	11.3	71.5	13.4	76.5	14.5	81.5	15.5	91.4	17.8	101	20.0
		16	51.6	9.55	61.6	11.5	71.5	13.7	76.5	14.7	81.5	15.8	91.4	18.1	101	20.3
		18	51.6	9.72	61.6	11.8	71.5	13.9	76.5	15.0	81.5	16.2	91.4	18.5	99.8	21.0
		20	51.6	9.90	61.6	12.0	71.5	14.2	76.5	15.3	81.5	16.8	91.4	19.8	98.4	22.0
		21	51.6	9.99	61.6	12.1	71.5	14.4	76.5	15.9	81.5	17.4	91.4	20.6	97.7	22.5
		23	51.6	10.2	61.6	12.6	71.5	15.5	76.5	17.0	81.5	18.6	91.4	22.1	96.4	23.5
		25	51.6	10.7	61.6	13.5	71.5	16.5	76.5	18.2	81.5	19.9	91.4	23.6	95.0	24.6
		27	51.6	11.4	61.6	14.4	71.5	17.6	76.5	19.4	81.5	21.3	91.4	25.3	93.6	25.6
		29	51.6	12.1	61.6	15.3	71.5	18.8	76.5	20.7	81.5	22.7	90.3	26.4	92.2	26.6
		31	51.6	12.9	61.6	16.3	71.5	20.1	76.5	22.1	81.5	24.3	89.0	27.5	90.8	27.7
		33	51.6	13.7	61.6	17.3	71.5	21.4	76.5	23.6	81.5	25.9	87.6	28.5	89.4	28.7
		35	51.6	14.6	61.6	18.4	71.5	22.8	76.5	25.1	81.5	27.6	86.2	29.6	88.1	29.8
		37	51.6	15.5	61.6	19.6	71.5	24.2	76.5	26.8	81.5	29.4	84.8	30.6	86.7	30.8
		39	51.6	16.4	61.6	20.8	71.5	25.8	76.5	28.5	81.5	31.3	83.4	31.6	85.3	31.9

3 Capacity tables

3 - 1 Cooling capacity tables

30HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	600	10	45.9	8.05	54.7	9.64	63.6	11.3	68.0	12.2	72.4	13.1	81.3	14.9	90.1	16.8
		12	45.9	8.18	54.7	9.80	63.6	11.5	68.0	12.4	72.4	13.3	81.3	15.2	90.1	17.1
		14	45.9	8.31	54.7	9.98	63.6	11.7	68.0	12.7	72.4	13.6	81.3	15.5	90.1	17.5
		16	45.9	8.46	54.7	10.2	63.6	12.0	68.0	12.9	72.4	13.8	81.3	15.8	90.1	17.8
		18	45.9	8.60	54.7	10.3	63.6	12.2	68.0	13.1	72.4	14.1	81.3	16.1	90.1	18.2
		20	45.9	8.75	54.7	10.5	63.6	12.4	68.0	13.4	72.4	14.4	81.3	16.7	90.1	19.4
		21	45.9	8.83	54.7	10.6	63.6	12.5	68.0	13.5	72.4	14.7	81.3	17.3	90.1	20.1
		23	45.9	8.99	54.7	10.8	63.6	13.2	68.0	14.4	72.4	15.7	81.3	18.5	90.1	21.6
		25	45.9	9.29	54.7	11.5	63.6	14.0	68.0	15.4	72.4	16.8	81.3	19.8	90.1	23.1
		27	45.9	9.88	54.7	12.3	63.6	15.0	68.0	16.4	72.4	18.0	81.3	21.2	90.1	24.7
		29	45.9	10.5	54.7	13.1	63.6	16.0	68.0	17.5	72.4	19.2	81.3	22.6	90.1	26.4
		31	45.9	11.1	54.7	13.9	63.6	17.0	68.0	18.7	72.4	20.4	81.3	24.2	88.7	27.4
		33	45.9	11.8	54.7	14.8	63.6	18.1	68.0	19.9	72.4	21.8	81.3	25.8	87.3	28.5
		35	45.9	12.5	54.7	15.7	63.6	19.3	68.0	21.2	72.4	23.2	81.3	27.5	86.0	29.5
		37	45.9	13.3	54.7	16.7	63.6	20.5	68.0	22.5	72.4	24.7	81.3	29.3	84.6	30.6
		39	45.9	14.1	54.7	17.7	63.6	21.8	68.0	24.0	72.4	26.3	81.3	31.2	83.2	31.6
70%	525	10	40.2	7.08	47.9	8.40	55.6	9.81	59.5	10.5	63.4	11.3	71.1	12.8	78.8	14.4
		12	40.2	7.19	47.9	8.54	55.6	9.97	59.5	10.7	63.4	11.5	71.1	13.1	78.8	14.7
		14	40.2	7.30	47.9	8.68	55.6	10.2	59.5	10.9	63.4	11.7	71.1	13.3	78.8	15.0
		16	40.2	7.42	47.9	8.83	55.6	10.3	59.5	11.1	63.4	11.9	71.1	13.6	78.8	15.3
		18	40.2	7.54	47.9	8.99	55.6	10.5	59.5	11.3	63.4	12.1	71.1	13.8	78.8	15.6
		20	40.2	7.66	47.9	9.15	55.6	10.7	59.5	11.5	63.4	12.4	71.1	14.1	78.8	16.0
		21	40.2	7.73	47.9	9.23	55.6	10.8	59.5	11.7	63.4	12.5	71.1	14.3	78.8	16.6
		23	40.2	7.86	47.9	9.40	55.6	11.0	59.5	12.0	63.4	13.1	71.1	15.3	78.8	17.7
		25	40.2	8.00	47.9	9.78	55.6	11.8	59.5	12.9	63.4	14.0	71.1	16.4	78.8	19.0
		27	40.2	8.46	47.9	10.4	55.6	12.6	59.5	13.7	63.4	14.9	71.1	17.5	78.8	20.3
		29	40.2	8.98	47.9	11.1	55.6	13.4	59.5	14.6	63.4	15.9	71.1	18.7	78.8	21.7
		31	40.2	9.52	47.9	11.7	55.6	14.2	59.5	15.5	63.4	16.9	71.1	19.9	78.8	23.1
		33	40.2	10.1	47.9	12.5	55.6	15.1	59.5	16.5	63.4	18.0	71.1	21.2	78.8	24.6
		35	40.2	10.7	47.9	13.2	55.6	16.1	59.5	17.6	63.4	19.2	71.1	22.6	78.8	26.3
		37	40.2	11.3	47.9	14.0	55.6	17.1	59.5	18.7	63.4	20.4	71.1	24.0	78.8	28.0
		39	40.2	12.0	47.9	14.9	55.6	18.1	59.5	19.9	63.4	21.7	71.1	25.6	78.8	29.8
60%	450	10	34.4	6.16	41.1	7.23	47.7	8.36	51.0	8.95	54.3	9.56	60.9	10.8	67.6	12.1
		12	34.4	6.24	41.1	7.34	47.7	8.50	51.0	9.11	54.3	9.73	60.9	11.0	67.6	12.3
		14	34.4	6.34	41.1	7.45	47.7	8.64	51.0	9.26	54.3	9.90	60.9	11.2	67.6	12.6
		16	34.4	6.43	41.1	7.57	47.7	8.79	51.0	9.42	54.3	10.1	60.9	11.4	67.6	12.8
		18	34.4	6.53	41.1	7.70	47.7	8.95	51.0	9.59	54.3	10.3	60.9	11.6	67.6	13.1
		20	34.4	6.63	41.1	7.83	47.7	9.11	51.0	9.77	54.3	10.4	60.9	11.9	67.6	13.3
		21	34.4	6.68	41.1	7.90	47.7	9.19	51.0	9.86	54.3	10.5	60.9	12.0	67.6	13.4
		23	34.4	6.79	41.1	8.04	47.7	9.36	51.0	10.0	54.3	10.8	60.9	12.4	67.6	14.3
		25	34.4	6.91	41.1	8.18	47.7	9.72	51.0	10.6	54.3	11.4	60.9	13.3	67.6	15.3
		27	34.4	7.16	41.1	8.67	47.7	10.3	51.0	11.2	54.3	12.2	60.9	14.2	67.6	16.3
		29	34.4	7.58	41.1	9.21	47.7	11.0	51.0	12.0	54.3	13.0	60.9	15.1	67.6	17.4
		31	34.4	8.03	41.1	9.77	47.7	11.7	51.0	12.7	54.3	13.8	60.9	16.1	67.6	18.5
		33	34.4	8.50	41.1	10.4	47.7	12.4	51.0	13.5	54.3	14.6	60.9	17.1	67.6	19.7
		35	34.4	8.98	41.1	11.0	47.7	13.2	51.0	14.3	54.3	15.6	60.9	18.2	67.6	21.0
		37	34.4	9.49	41.1	11.6	47.7	14.0	51.0	15.2	54.3	16.5	60.9	19.3	67.6	22.3
		39	34.4	10.0	41.1	12.3	47.7	14.8	51.0	16.1	54.3	17.5	60.9	20.5	67.6	23.8
50%	375	10	28.7	5.29	34.2	6.12	39.7	7.01	42.5	7.47	45.3	7.94	50.8	8.92	56.3	9.93
		12	28.7	5.36	34.2	6.21	39.7	7.12	42.5	7.59	45.3	8.07	50.8	9.07	56.3	10.1
		14	28.7	5.43	34.2	6.30	39.7	7.23	42.5	7.71	45.3	8.20	50.8	9.22	56.3	10.3
		16	28.7	5.50	34.2	6.40	39.7	7.34	42.5	7.83	45.3	8.34	50.8	9.38	56.3	10.5
		18	28.7	5.58	34.2	6.49	39.7	7.46	42.5	7.97	45.3	8.48	50.8	9.55	56.3	10.7
		20	28.7	5.66	34.2	6.59	39.7	7.59	42.5	8.10	45.3	8.63	50.8	9.73	56.3	10.9
		21	28.7	5.70	34.2	6.65	39.7	7.65	42.5	8.17	45.3	8.71	50.8	9.82	56.3	11.0
		23	28.7	5.79	34.2	6.76	39.7	7.78	42.5	8.32	45.3	8.87	50.8	10.0	56.3	11.2
		25	28.7	5.88	34.2	6.87	39.7	7.92	42.5	8.49	45.3	9.14	50.8	10.5	56.3	12.0
		27	28.7	5.97	34.2	7.11	39.7	8.36	42.5	9.03	45.3	9.72	50.8	11.2	56.3	12.8
		29	28.7	6.32	34.2	7.54	39.7	8.87	42.5	9.59	45.3	10.3	50.8	11.9	56.3	13.6
		31	28.7	6.67	34.2	7.98	39.7	9.41	42.5	10.2	45.3	11.0	50.8	12.6	56.3	14.5
		33	28.7	7.05	34.2	8.44	39.7	9.97	42.5	10.8	45.3	11.6	50.8	13.4	56.3	15.4
		35	28.7	7.44	34.2	8.92	39.7	10.6	42.5	11.4	45.3	12.3	50.8	14.3	56.3	16.3
		37	28.7	7.84	34.2	9.43	39.7	11.2	42.5	12.1	45.3	13.1	50.8	15.1	56.3	17.3
		39	28.7	8.27	34.2	9.96	39.7	11.8	42.5	12.8	45.3	13.9	50.8	16.0	56.3	18.4

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

32HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,040	10	79,0	14,7	94,2	18,0	109	21,5	113	21,9	115	21,5	118	20,6	120	19,6
		12	79,0	15,0	94,2	18,4	109	21,9	112	21,8	113	21,3	116	20,4	119	20,1
		14	79,0	15,3	94,2	18,7	109	22,1	110	21,7	112	21,2	115	21,0	118	21,2
		16	79,0	15,6	94,2	19,1	108	22,0	109	21,9	110	22,0	113	22,2	116	22,4
		18	79,0	15,9	94,2	19,5	106	22,9	107	23,0	109	23,1	112	23,3	115	23,5
		20	79,0	16,2	94,2	20,7	105	24,0	106	24,1	107	24,2	110	24,5	113	24,7
		21	79,0	16,7	94,2	21,5	104	24,5	105	24,7	107	24,8	110	25,0	112	25,3
		23	79,0	17,8	94,2	23,0	102	25,7	104	25,8	105	25,9	108	26,2	111	26,4
		25	79,0	19,1	94,2	24,7	101	26,8	102	26,9	104	27,1	107	27,3	109	27,6
		27	79,0	20,4	94,2	26,4	99,5	27,9	101	28,1	102	28,2	105	28,5	108	28,8
		29	79,0	21,7	94,2	28,2	98,0	29,0	99,4	29,2	101	29,4	104	29,7	107	30,0
		31	79,0	23,2	93,7	29,9	96,6	30,2	98,0	30,3	99,4	30,5	102	30,8	105	31,2
		33	79,0	24,7	92,2	31,0	95,1	31,3	96,5	31,5	97,9	31,7	101	32,0	104	32,4
		35	79,0	26,3	90,8	32,1	93,6	32,5	95,1	32,7	96,5	32,8	99,3	33,2	102	33,6
		37	79,0	28,0	89,3	33,2	92,2	33,6	93,6	33,8	95,0	34,0	97,9	34,4	101	34,8
		39	79,0	29,9	87,9	34,4	90,7	34,8	92,1	35,0	93,5	35,2	96,4	35,6	99,2	36,0
120%	960	10	72,9	13,5	86,9	16,4	101	19,6	108	21,1	113	22,0	116	21,2	118	20,4
		12	72,9	13,7	86,9	16,8	101	19,9	108	21,5	112	21,9	114	21,1	117	20,2
		14	72,9	14,0	86,9	17,1	101	20,3	108	21,9	110	21,8	113	20,9	115	21,1
		16	72,9	14,2	86,9	17,4	101	20,7	107	22,1	109	21,8	111	22,0	114	22,2
		18	72,9	14,5	86,9	17,7	101	21,4	106	22,9	107	23,0	110	23,2	112	23,4
		20	72,9	14,8	86,9	18,5	101	23,0	104	24,0	106	24,1	108	24,3	111	24,5
		21	72,9	14,9	86,9	19,1	101	23,8	104	24,5	105	24,6	108	24,9	110	25,1
		23	72,9	16,0	86,9	20,5	101	25,5	102	25,6	103	25,8	106	26,0	109	26,2
		25	72,9	17,0	86,9	21,9	99,4	26,6	101	26,8	102	26,9	105	27,1	107	27,4
		27	72,9	18,2	86,9	23,4	97,9	27,7	99,2	27,9	101	28,0	103	28,3	106	28,6
		29	72,9	19,4	86,9	25,0	96,4	28,9	97,8	29,0	99,1	29,2	102	29,4	104	29,7
		31	72,9	20,7	86,9	26,7	95,0	30,0	96,3	30,1	97,6	30,3	100	30,6	103	30,9
		33	72,9	22,0	86,9	28,5	93,5	31,1	94,8	31,3	96,1	31,5	98,8	31,8	101	32,1
		35	72,9	23,5	86,9	30,4	92,1	32,3	93,4	32,4	94,7	32,6	97,3	32,9	99,9	33,3
		37	72,9	25,0	86,9	32,4	90,6	33,4	91,9	33,6	93,2	33,8	95,8	34,1	98,5	34,5
		39	72,9	26,6	86,5	34,2	89,1	34,6	90,4	34,7	91,8	34,9	94,4	35,3	97,0	35,7
110%	880	10	66,8	12,2	79,7	14,9	92,6	17,7	99,0	19,1	105	20,6	114	21,8	116	21,1
		12	66,8	12,4	79,7	15,2	92,6	18,0	99,0	19,5	105	20,9	112	21,7	115	20,9
		14	66,8	12,7	79,7	15,5	92,6	18,4	99,0	19,8	105	21,3	111	21,6	113	20,9
		16	66,8	12,9	79,7	15,7	92,6	18,7	99,0	20,2	105	21,8	109	21,9	112	22,1
		18	66,8	13,2	79,7	16,1	92,6	19,1	99,0	20,8	105	22,8	108	23,0	110	23,2
		20	66,8	13,4	79,7	16,4	92,6	20,2	99,0	22,3	104	23,9	106	24,1	109	24,3
		21	66,8	13,5	79,7	16,9	92,6	20,9	99,0	23,1	103	24,5	106	24,7	108	24,9
		23	66,8	14,2	79,7	18,1	92,6	22,5	99,0	24,8	102	25,6	104	25,8	106	26,0
		25	66,8	15,1	79,7	19,3	92,6	24,0	99,0	26,6	100	26,7	103	26,9	105	27,2
		27	66,8	16,1	79,7	20,6	92,6	25,7	97,5	27,7	98,7	27,8	101	28,1	104	28,3
		29	66,8	17,2	79,7	22,0	92,6	27,5	96,1	28,8	97,3	29,0	99,7	29,2	102	29,5
		31	66,8	18,3	79,7	23,5	92,6	29,3	94,6	30,0	95,8	30,1	98,2	30,4	101	30,7
		33	66,8	19,5	79,7	25,1	91,9	30,9	93,1	31,1	94,4	31,2	96,8	31,5	99,2	31,8
		35	66,8	20,8	79,7	26,7	90,5	32,1	91,7	32,2	92,9	32,4	95,3	32,7	97,7	33,0
		37	66,8	22,1	79,7	28,4	89,0	33,2	90,2	33,4	91,4	33,5	93,8	33,8	96,2	34,2
		39	66,8	23,5	79,7	30,3	87,6	34,3	88,8	34,5	90,0	34,7	92,4	35,0	94,8	35,4
100%	800	10	60,7	11,0	72,4	13,4	84,1	15,8	90,0	17,1	95,9	18,4	108	21,0	114	21,8
		12	60,7	11,2	72,4	13,6	84,1	16,1	90,0	17,4	95,9	18,8	108	21,4	112	21,7
		14	60,7	11,4	72,4	13,9	84,1	16,4	90,0	17,8	95,9	19,1	108	21,8	111	21,5
		16	60,7	11,6	72,4	14,1	84,1	16,8	90,0	18,1	95,9	19,5	107	22,1	109	21,9
		18	60,7	11,8	72,4	14,4	84,1	17,1	90,0	18,5	95,9	19,9	106	22,8	108	23,0
		20	60,7	12,1	72,4	14,7	84,1	17,6	90,0	19,4	95,9	21,3	104	24,0	106	24,1
		21	60,7	12,2	72,4	14,8	84,1	18,2	90,0	20,1	95,9	22,1	104	24,5	106	24,7
		23	60,7	12,5	72,4	15,8	84,1	19,5	90,0	21,5	95,9	23,6	102	25,6	104	25,8
		25	60,7	13,3	72,4	16,9	84,1	20,9	90,0	23,1	95,9	25,3	101	26,8	103	27,0
		27	60,7	14,2	72,4	18,0	84,1	22,3	90,0	24,7	95,9	27,1	99,1	27,9	101	28,1
		29	60,7	15,1	72,4	19,2	84,1	23,9	90,0	26,3	95,5	28,8	97,7	29,0	99,9	29,2
		31	60,7	16,1	72,4	20,5	84,1	25,4	90,0	28,1	94,0	29,9	96,2	30,1	98,4	30,4
		33	60,7	17,1	72,4	21,8	84,1	27,1	90,0	30,0	92,6	31,0	94,7	31,3	96,9	31,5
		35	60,7	18,2	72,4	23,3	84,1	28,9	90,0	32,0	91,1	32,1	93,3	32,4	95,5	32,7
		37	60,7	19,4	72,4	24,7	84,1	30,8	88,5	33,1	89,6	33,3	91,8	33,6	94,0	33,9
		39	60,7	20,6	72,4	26,3	84,1	32,8	87,1	34,3	88,2	34,4	90,4	34,7	92,5	35,0
90%	720	10	54,7	9,87	65,2	11,9	75,7	14,1	81,0	15,2	86,3	16,3	96,8	18,6	107	21,0
		12	54,7	10,0	65,2	12,1	75,7	14,3	81,0	15,4	86,3	16,6	96,8	19,0	107	21,4
		14	54,7	10,2	65,2	12,3	75,7	14,6	81,0	15,7	86,3	16,9	96,8	19,3	107	21,8
		16	54,7	10,4	65,2	12,6	75,7	14,9	81,0	16,0	86,3	17,3	96,8	19,7	107	22,1
		18	54,7	10,6	65,2	12,8	75,7	15,1	81,0	16,4	86,3	17,6	96,8	20,1	106	22,8
		20	54,7	10,8	65,2	13,0	75,7	15,4	81,0	16,7	86,3	18,2	96,8	21,6	104	24,0
		21	54,7	10,9	65,2	13,2	75,7	15,7	81,0	17,3	86,3	18,9	96,8	22,4	103	24,5
		23	54,7	11,1	65,2	13,7	75,7	16,8	81,0	18,5	86,3	20,2	96,8	24,0	102	25,6
		25	54,7	11,7	65,2	14,6	75,7	18,0	81,0	19,8	86,3	21,7	96,8	25,7	101	26,7
		27	54,7	12,4	65,2	15,6	75,7	19,2	81,0	21,1	86,3	23,2	96,8	27,5	99,1	27,9
		29	54,7	13,2	65,2	16,6	75,7	20,5	81,0	22,6	86,3	24,7	95,7	28,8	97,6	29,0
		31	54,7	14,1	65,2	17,7	75,7	21,8	81,0	24,1	86,3	26,4	94,2	29,9	96,2	30,1
		33	54,7	14,9	65,2	18,9	75,7	23,3	81,0	25,7	86,3	28,2	92,7	31,0	94,7	31,3
		35	54,7	15,8	65,2	20,1	75,7	24,8	81,0	27,3	86,3	30,0	91,3	32,2	93,2	32,4
		37	54,7	16,8	65,2	21,3	75,7	26,4	81,0	29,1	86,3	32,0	89,8	33,3	91,8	33,6
		39	54,7	17,8	65,2	22,7	75,7	28,1	81,0	31,0	86,3	34,1	88,3	34,4	90,3	34,7

3 Capacity tables

3 - 1 Cooling capacity tables

32HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	640	10	48.6	8.76	58.0	10.5	67.3	12.3	72.0	13.3	76.7	14.3	86.0	16.3	95.4	18.3
		12	48.6	8.90	58.0	10.7	67.3	12.5	72.0	13.5	76.7	14.5	86.0	16.6	95.4	18.7
		14	48.6	9.05	58.0	10.9	67.3	12.8	72.0	13.8	76.7	14.8	86.0	16.9	95.4	19.0
		16	48.6	9.20	58.0	11.1	67.3	13.0	72.0	14.0	76.7	15.1	86.0	17.2	95.4	19.4
		18	48.6	9.36	58.0	11.3	67.3	13.3	72.0	14.3	76.7	15.4	86.0	17.5	95.4	19.8
		20	48.6	9.53	58.0	11.5	67.3	13.5	72.0	14.6	76.7	15.7	86.0	18.2	95.4	21.1
		21	48.6	9.61	58.0	11.6	67.3	13.7	72.0	14.7	76.7	16.0	86.0	18.8	95.4	21.9
		23	48.6	9.79	58.0	11.8	67.3	14.3	72.0	15.7	76.7	17.1	86.0	20.2	95.4	23.5
		25	48.6	10.1	58.0	12.6	67.3	15.3	72.0	16.8	76.7	18.3	86.0	21.6	95.4	25.2
		27	48.6	10.8	58.0	13.4	67.3	16.3	72.0	17.9	76.7	19.5	86.0	23.1	95.4	26.9
		29	48.6	11.4	58.0	14.2	67.3	17.4	72.0	19.1	76.7	20.9	86.0	24.6	95.4	28.8
		31	48.6	12.1	58.0	15.2	67.3	18.5	72.0	20.3	76.7	22.2	86.0	26.3	93.9	29.9
		33	48.6	12.9	58.0	16.1	67.3	19.7	72.0	21.7	76.7	23.7	86.0	28.1	92.5	31.0
		35	48.6	13.7	58.0	17.1	67.3	21.0	72.0	23.1	76.7	25.2	86.0	29.9	91.0	32.1
		37	48.6	14.5	58.0	18.2	67.3	22.3	72.0	24.5	76.7	26.9	86.0	31.9	89.5	33.3
		39	48.6	15.3	58.0	19.3	67.3	23.7	72.0	26.1	76.7	28.6	86.0	34.0	88.1	34.4
70%	560	10	42.5	7.70	50.7	9.14	58.9	10.7	63.0	11.5	67.1	12.3	75.3	14.0	83.5	15.7
		12	42.5	7.82	50.7	9.29	58.9	10.9	63.0	11.7	67.1	12.5	75.3	14.2	83.5	16.0
		14	42.5	7.94	50.7	9.45	58.9	11.0	63.0	11.9	67.1	12.7	75.3	14.5	83.5	16.3
		16	42.5	8.07	50.7	9.61	58.9	11.2	63.0	12.1	67.1	13.0	75.3	14.8	83.5	16.6
		18	42.5	8.20	50.7	9.78	58.9	11.5	63.0	12.3	67.1	13.2	75.3	15.0	83.5	16.9
		20	42.5	8.34	50.7	10.0	58.9	11.7	63.0	12.6	67.1	13.5	75.3	15.3	83.5	17.4
		21	42.5	8.41	50.7	10.0	58.9	11.8	63.0	12.7	67.1	13.6	75.3	15.6	83.5	18.0
		23	42.5	8.56	50.7	10.2	58.9	12.0	63.0	13.1	67.1	14.3	75.3	16.7	83.5	19.3
		25	42.5	8.71	50.7	10.6	58.9	12.8	63.0	14.0	67.1	15.2	75.3	17.8	83.5	20.7
		27	42.5	9.21	50.7	11.3	58.9	13.7	63.0	14.9	67.1	16.2	75.3	19.0	83.5	22.1
		29	42.5	9.77	50.7	12.0	58.9	14.5	63.0	15.9	67.1	17.3	75.3	20.3	83.5	23.6
		31	42.5	10.4	50.7	12.8	58.9	15.5	63.0	16.9	67.1	18.4	75.3	21.7	83.5	25.2
		33	42.5	11.0	50.7	13.6	58.9	16.5	63.0	18.0	67.1	19.6	75.3	23.1	83.5	26.8
		35	42.5	11.6	50.7	14.4	58.9	17.5	63.0	19.1	67.1	20.9	75.3	24.6	83.5	28.6
		37	42.5	12.3	50.7	15.3	58.9	18.6	63.0	20.3	67.1	22.2	75.3	26.2	83.5	30.5
		39	42.5	13.0	50.7	16.2	58.9	19.7	63.0	21.6	67.1	23.6	75.3	27.8	83.5	32.4
60%	480	10	36.4	6.70	43.5	7.87	50.5	9.10	54.0	9.75	57.5	10.4	64.5	11.8	71.6	13.2
		12	36.4	6.80	43.5	7.99	50.5	9.25	54.0	9.91	57.5	10.6	64.5	12.0	71.6	13.4
		14	36.4	6.90	43.5	8.11	50.5	9.41	54.0	10.1	57.5	10.8	64.5	12.2	71.6	13.7
		16	36.4	7.00	43.5	8.24	50.5	9.57	54.0	10.3	57.5	11.0	64.5	12.4	71.6	13.9
		18	36.4	7.11	43.5	8.38	50.5	9.74	54.0	10.4	57.5	11.2	64.5	12.7	71.6	14.2
		20	36.4	7.22	43.5	8.52	50.5	9.91	54.0	10.6	57.5	11.4	64.5	12.9	71.6	14.5
		21	36.4	7.28	43.5	8.60	50.5	10.0	54.0	10.7	57.5	11.5	64.5	13.0	71.6	14.6
		23	36.4	7.39	43.5	8.75	50.5	10.2	54.0	10.9	57.5	11.7	64.5	13.5	71.6	15.6
		25	36.4	7.52	43.5	8.91	50.5	10.6	54.0	11.5	57.5	12.4	64.5	14.5	71.6	16.6
		27	36.4	7.79	43.5	9.44	50.5	11.3	54.0	12.2	57.5	13.3	64.5	15.4	71.6	17.7
		29	36.4	8.26	43.5	10.0	50.5	12.0	54.0	13.0	57.5	14.1	64.5	16.4	71.6	18.9
		31	36.4	8.74	43.5	10.6	50.5	12.7	54.0	13.8	57.5	15.0	64.5	17.5	71.6	20.2
		33	36.4	9.25	43.5	11.3	50.5	13.5	54.0	14.7	57.5	15.9	64.5	18.6	71.6	21.5
		35	36.4	9.78	43.5	11.9	50.5	14.3	54.0	15.6	57.5	16.9	64.5	19.8	71.6	22.8
		37	36.4	10.3	43.5	12.6	50.5	15.2	54.0	16.6	57.5	18.0	64.5	21.0	71.6	24.3
		39	36.4	10.9	43.5	13.4	50.5	16.1	54.0	17.6	57.5	19.1	64.5	22.3	71.6	25.9
50%	400	10	30.4	5.76	36.2	6.67	42.1	7.63	45.0	8.13	47.9	8.64	53.8	9.71	59.6	10.8
		12	30.4	5.83	36.2	6.76	42.1	7.74	45.0	8.26	47.9	8.78	53.8	9.87	59.6	11.0
		14	30.4	5.91	36.2	6.86	42.1	7.87	45.0	8.39	47.9	8.93	53.8	10.0	59.6	11.2
		16	30.4	5.99	36.2	6.96	42.1	7.99	45.0	8.53	47.9	9.08	53.8	10.2	59.6	11.4
		18	30.4	6.08	36.2	7.07	42.1	8.12	45.0	8.67	47.9	9.23	53.8	10.4	59.6	11.6
		20	30.4	6.16	36.2	7.18	42.1	8.26	45.0	8.82	47.9	9.40	53.8	10.6	59.6	11.8
		21	30.4	6.21	36.2	7.23	42.1	8.33	45.0	8.90	47.9	9.48	53.8	10.7	59.6	11.9
		23	30.4	6.30	36.2	7.35	42.1	8.47	45.0	9.06	47.9	9.65	53.8	10.9	59.6	12.2
		25	30.4	6.40	36.2	7.48	42.1	8.62	45.0	9.24	47.9	9.95	53.8	11.4	59.6	13.0
		27	30.4	6.50	36.2	7.74	42.1	9.10	45.0	9.83	47.9	10.6	53.8	12.2	59.6	13.9
		29	30.4	6.87	36.2	8.20	42.1	9.66	45.0	10.4	47.9	11.2	53.8	12.9	59.6	14.8
		31	30.4	7.26	36.2	8.68	42.1	10.2	45.0	11.1	47.9	11.9	53.8	13.8	59.6	15.7
		33	30.4	7.67	36.2	9.19	42.1	10.9	45.0	11.7	47.9	12.7	53.8	14.6	59.6	16.7
		35	30.4	8.09	36.2	9.71	42.1	11.5	45.0	12.4	47.9	13.4	53.8	15.5	59.6	17.8
		37	30.4	8.54	36.2	10.3	42.1	12.2	45.0	13.2	47.9	14.2	53.8	16.5	59.6	18.9
		39	30.4	9.00	36.2	10.8	42.1	12.9	45.0	13.9	47.9	15.1	53.8	17.5	59.6	20.0

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

34HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,105	10	84.2	13.5	100	16.6	117	19.7	121	20.1	122	19.7	125	18.9	129	18.0
		12	84.2	13.8	100	16.9	117	20.1	119	20.0	121	19.6	124	18.8	127	18.5
		14	84.2	14.0	100	17.2	116	20.3	118	19.9	119	19.5	122	19.3	125	19.5
		16	84.2	14.3	100	17.5	115	20.2	116	20.1	118	20.2	121	20.4	124	20.6
		18	84.2	14.6	100	17.9	113	21.0	115	21.1	116	21.2	119	21.4	122	21.6
		20	84.2	14.9	100	19.1	112	22.0	113	22.1	115	22.3	118	22.5	121	22.7
		21	84.2	15.3	100	19.7	111	22.5	112	22.7	114	22.8	117	23.0	120	23.2
		23	84.2	16.4	100	21.2	109	23.6	111	23.7	112	23.8	115	24.1	118	24.3
		25	84.2	17.5	100	22.7	108	24.6	109	24.7	111	24.9	114	25.1	117	25.4
		27	84.2	18.7	100	24.2	106	25.6	108	25.8	109	25.9	112	26.2	115	26.5
		29	84.2	20.0	100	25.9	105	26.7	106	26.8	108	27.0	111	27.3	114	27.5
		31	84.2	21.3	100	27.4	103	27.7	105	27.9	106	28.0	109	28.3	112	28.6
		33	84.2	22.7	98.4	28.5	101	28.8	103	28.9	104	29.1	108	29.4	111	29.7
		35	84.2	24.2	96.8	29.5	99.9	29.8	101	30.0	103	30.2	106	30.5	109	30.8
		37	84.2	25.8	95.3	30.5	98.3	30.9	99.8	31.1	101	31.2	104	31.6	107	32.0
		39	84.2	27.4	93.7	31.6	96.7	32.0	98.3	32.1	99.8	32.3	103	32.7	106	33.1
120%	1,020	10	77.7	12.4	92.7	15.1	108	18.0	115	19.4	121	20.2	123	19.5	126	18.7
		12	77.7	12.6	92.7	15.4	108	18.3	115	19.8	119	20.1	122	19.4	125	18.6
		14	77.7	12.8	92.7	15.7	108	18.7	115	20.2	117	20.0	120	19.2	123	19.4
		16	77.7	13.1	92.7	16.0	108	19.0	114	20.3	116	20.1	119	20.2	121	20.4
		18	77.7	13.3	92.7	16.3	108	19.7	113	21.0	114	21.1	117	21.3	120	21.5
		20	77.7	13.6	92.7	17.0	108	21.1	111	22.0	113	22.1	116	22.3	118	22.5
		21	77.7	13.7	92.7	17.6	108	21.9	111	22.5	112	22.6	115	22.8	118	23.0
		23	77.7	14.7	92.7	18.8	108	23.4	109	23.6	110	23.7	113	23.9	116	24.1
		25	77.7	15.7	92.7	20.1	106	24.5	107	24.6	109	24.7	112	24.9	114	25.2
		27	77.7	16.7	92.7	21.5	104	25.5	106	25.6	107	25.7	110	26.0	113	26.2
		29	77.7	17.8	92.7	23.0	103	26.5	104	26.7	106	26.8	108	27.1	111	27.3
		31	77.7	19.0	92.7	24.5	101	27.6	103	27.7	104	27.8	107	28.1	110	28.4
		33	77.7	20.2	92.7	26.2	99.8	28.6	101	28.7	103	28.9	105	29.2	108	29.5
		35	77.7	21.6	92.7	27.9	98.2	29.6	99.6	29.8	101	30.0	104	30.3	107	30.6
		37	77.7	22.9	92.7	29.7	96.6	30.7	98.0	30.9	99.4	31.0	102	31.4	105	31.7
		39	77.7	24.4	92.3	31.4	95.1	31.7	96.5	31.9	97.9	32.1	101	32.4	103	32.8
110%	935	10	71.3	11.2	85.0	13.7	98.7	16.2	106	17.6	112	18.9	121	20.1	124	19.4
		12	71.3	11.4	85.0	13.9	98.7	16.5	106	17.9	112	19.2	120	20.0	122	19.2
		14	71.3	11.6	85.0	14.2	98.7	16.9	106	18.2	112	19.6	118	19.8	121	19.2
		16	71.3	11.9	85.0	14.5	98.7	17.2	106	18.6	112	20.0	116	20.1	119	20.3
		18	71.3	12.1	85.0	14.8	98.7	17.5	106	19.1	112	21.0	115	21.1	117	21.3
		20	71.3	12.3	85.0	15.0	98.7	18.6	106	20.5	111	22.0	113	22.2	116	22.4
		21	71.3	12.4	85.0	15.5	98.7	19.2	106	21.3	110	22.5	113	22.7	115	22.9
		23	71.3	13.0	85.0	16.6	98.7	20.6	106	22.8	108	23.5	111	23.7	114	23.9
		25	71.3	13.9	85.0	17.8	98.7	22.1	106	24.4	107	24.5	109	24.8	112	25.0
		27	71.3	14.8	85.0	19.0	98.7	23.6	104	25.5	105	25.6	108	25.8	110	26.0
		29	71.3	15.8	85.0	20.2	98.7	25.2	102	26.5	104	26.6	106	26.9	109	27.1
		31	71.3	16.8	85.0	21.6	98.7	27.0	101	27.5	102	27.6	105	27.9	107	28.2
		33	71.3	17.9	85.0	23.0	98.1	28.4	99.4	28.6	101	28.7	103	29.0	106	29.2
		35	71.3	19.1	85.0	24.5	96.5	29.5	97.8	29.6	99.1	29.7	102	30.0	104	30.3
		37	71.3	20.3	85.0	26.1	94.9	30.5	96.2	30.6	97.5	30.8	100	31.1	103	31.4
		39	71.3	21.5	85.0	27.8	93.4	31.5	94.7	31.7	96.0	31.9	98.5	32.2	101	32.5
100%	850	10	64.8	10.1	77.3	12.3	89.8	14.6	96.0	15.7	102	16.9	115	19.3	121	20.0
		12	64.8	10.3	77.3	12.5	89.8	14.8	96.0	16.0	102	17.2	115	19.7	120	19.9
		14	64.8	10.5	77.3	12.7	89.8	15.1	96.0	16.3	102	17.6	115	20.1	118	19.8
		16	64.8	10.7	77.3	13.0	89.8	15.4	96.0	16.6	102	17.9	114	20.3	117	20.1
		18	64.8	10.9	77.3	13.2	89.8	15.7	96.0	17.0	102	18.3	113	21.0	115	21.1
		20	64.8	11.1	77.3	13.5	89.8	16.2	96.0	17.8	102	19.6	111	22.0	114	22.2
		21	64.8	11.2	77.3	13.6	89.8	16.8	96.0	18.5	102	20.3	110	22.5	113	22.7
		23	64.8	11.5	77.3	14.5	89.8	17.9	96.0	19.8	102	21.7	109	23.5	111	23.7
		25	64.8	12.3	77.3	15.5	89.8	19.2	96.0	21.2	102	23.3	107	24.6	110	24.8
		27	64.8	13.1	77.3	16.6	89.8	20.5	96.0	22.7	102	24.9	106	25.6	108	25.8
		29	64.8	13.9	77.3	17.7	89.8	21.9	96.0	24.2	102	26.4	104	26.6	107	26.9
		31	64.8	14.8	77.3	18.8	89.8	23.4	96.0	25.8	100	27.5	103	27.7	105	27.9
		33	64.8	15.7	77.3	20.1	89.8	24.9	96.0	27.6	98.7	28.5	101	28.7	103	29.0
		35	64.8	16.7	77.3	21.4	89.8	26.6	96.0	29.4	97.2	29.5	99.5	29.8	102	30.0
		37	64.8	17.8	77.3	22.7	89.8	28.3	94.4	30.4	95.6	30.6	97.9	30.8	100	31.1
		39	64.8	18.9	77.3	24.2	89.8	30.2	92.9	31.5	94.0	31.6	96.4	31.9	98.7	32.2
90%	765	10	58.3	9.07	69.5	10.9	80.8	12.9	86.4	13.9	92.0	15.0	103	17.1	114	19.3
		12	58.3	9.22	69.5	11.1	80.8	13.1	86.4	14.2	92.0	15.3	103	17.4	114	19.6
		14	58.3	9.38	69.5	11.3	80.8	13.4	86.4	14.5	92.0	15.5	103	17.8	114	20.0
		16	58.3	9.55	69.5	11.5	80.8	13.7	86.4	14.7	92.0	15.8	103	18.1	114	20.3
		18	58.3	9.72	69.5	11.8	80.8	13.9	86.4	15.0	92.0	16.2	103	18.5	113	21.0
		20	58.3	9.90	69.5	12.0	80.8	14.2	86.4	15.3	92.0	16.8	103	19.8	111	22.0
		21	58.3	9.99	69.5	12.1	80.8	14.4	86.4	15.9	92.0	17.4	103	20.6	110	22.5
		23	58.3	10.2	69.5	12.6	80.8	15.5	86.4	17.0	92.0	18.6	103	22.1	109	23.5
		25	58.3	10.7	69.5	13.5	80.8	16.5	86.4	18.2	92.0	19.9	103	23.6	107	24.6
		27	58.3	11.4	69.5	14.4	80.8	17.6	86.4	19.4	92.0	21.3	103	25.3	106	25.6
		29	58.3	12.1	69.5	15.3	80.8	18.8	86.4	20.7	92.0	22.7	102	26.4	104	26.6
		31	58.3	12.9	69.5	16.3	80.8	20.1	86.4	22.1	92.0	24.3	100	27.5	103	27.7
		33	58.3	13.7	69.5	17.3	80.8	21.4	86.4	23.6	92.0	25.9	98.9	28.5	101	28.7
		35	58.3	14.6	69.5	18.4	80.8	22.8	86.4	25.1	92.0	27.6	97.4	29.6	99.5	29.8
		37	58.3	15.5	69.5	19.6	80.8	24.2	86.4	26.8	92.0	29.4	95.8	30.6	97.9	30.8
		39	58.3	16.4	69.5	20.8	80.8	25.8	86.4	28.5	92.0	31.3	94.2	31.6	96.3	31.9

3 Capacity tables

3 - 1 Cooling capacity tables

34HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	680	10	51.8	8.05	61.8	9.64	71.8	11.3	76.8	12.2	81.8	13.1	91.8	14.9	102	16.8
		12	51.8	8.18	61.8	9.80	71.8	11.5	76.8	12.4	81.8	13.3	91.8	15.2	102	17.1
		14	51.8	8.31	61.8	9.98	71.8	11.7	76.8	12.7	81.8	13.6	91.8	15.5	102	17.5
		16	51.8	8.46	61.8	10.2	71.8	12.0	76.8	12.9	81.8	13.8	91.8	15.8	102	17.8
		18	51.8	8.60	61.8	10.3	71.8	12.2	76.8	13.1	81.8	14.1	91.8	16.1	102	18.2
		20	51.8	8.75	61.8	10.5	71.8	12.4	76.8	13.4	81.8	14.4	91.8	16.7	102	19.4
		21	51.8	8.83	61.8	10.6	71.8	12.5	76.8	13.5	81.8	14.7	91.8	17.3	102	20.1
		23	51.8	8.99	61.8	10.8	71.8	13.2	76.8	14.4	81.8	15.7	91.8	18.5	102	21.6
		25	51.8	9.29	61.8	11.5	71.8	14.0	76.8	15.4	81.8	16.8	91.8	19.8	102	23.1
		27	51.8	9.88	61.8	12.3	71.8	15.0	76.8	16.4	81.8	18.0	91.8	21.2	102	24.7
		29	51.8	10.5	61.8	13.1	71.8	16.0	76.8	17.5	81.8	19.2	91.8	22.6	102	26.4
		31	51.8	11.1	61.8	13.9	71.8	17.0	76.8	18.7	81.8	20.4	91.8	24.2	100	27.4
		33	51.8	11.8	61.8	14.8	71.8	18.1	76.8	19.9	81.8	21.8	91.8	25.8	98.6	28.5
		35	51.8	12.5	61.8	15.7	71.8	19.3	76.8	21.2	81.8	23.2	91.8	27.5	97.1	29.5
		37	51.8	13.3	61.8	16.7	71.8	20.5	76.8	22.5	81.8	24.7	91.8	29.3	95.5	30.6
		39	51.8	14.1	61.8	17.7	71.8	21.8	76.8	24.0	81.8	26.3	91.8	31.2	94.0	31.6
70%	595	10	45.4	7.08	54.1	8.40	62.8	9.81	67.2	10.5	71.6	11.3	80.3	12.8	89.0	14.4
		12	45.4	7.19	54.1	8.54	62.8	9.97	67.2	10.7	71.6	11.5	80.3	13.1	89.0	14.7
		14	45.4	7.30	54.1	8.68	62.8	10.2	67.2	10.9	71.6	11.7	80.3	13.3	89.0	15.0
		16	45.4	7.42	54.1	8.83	62.8	10.3	67.2	11.1	71.6	11.9	80.3	13.6	89.0	15.3
		18	45.4	7.54	54.1	8.99	62.8	10.5	67.2	11.3	71.6	12.1	80.3	13.8	89.0	15.6
		20	45.4	7.66	54.1	9.15	62.8	10.7	67.2	11.5	71.6	12.4	80.3	14.1	89.0	16.0
		21	45.4	7.73	54.1	9.23	62.8	10.8	67.2	11.7	71.6	12.5	80.3	14.3	89.0	16.6
		23	45.4	7.86	54.1	9.40	62.8	11.0	67.2	12.0	71.6	13.1	80.3	15.3	89.0	17.7
		25	45.4	8.00	54.1	9.78	62.8	11.8	67.2	12.9	71.6	14.0	80.3	16.4	89.0	19.0
		27	45.4	8.46	54.1	10.4	62.8	12.6	67.2	13.7	71.6	14.9	80.3	17.5	89.0	20.3
		29	45.4	8.98	54.1	11.1	62.8	13.4	67.2	14.6	71.6	15.9	80.3	18.7	89.0	21.7
		31	45.4	9.52	54.1	11.7	62.8	14.2	67.2	15.5	71.6	16.9	80.3	19.9	89.0	23.1
		33	45.4	10.1	54.1	12.5	62.8	15.1	67.2	16.5	71.6	18.0	80.3	21.2	89.0	24.6
		35	45.4	10.7	54.1	13.2	62.8	16.1	67.2	17.6	71.6	19.2	80.3	22.6	89.0	26.3
		37	45.4	11.3	54.1	14.0	62.8	17.1	67.2	18.7	71.6	20.4	80.3	24.0	89.0	28.0
		39	45.4	12.0	54.1	14.9	62.8	18.1	67.2	19.9	71.6	21.7	80.3	25.6	89.0	29.8
60%	510	10	38.9	6.16	46.4	7.23	53.9	8.36	57.6	8.95	61.3	9.56	68.8	10.8	76.3	12.1
		12	38.9	6.24	46.4	7.34	53.9	8.50	57.6	9.11	61.3	9.73	68.8	11.0	76.3	12.3
		14	38.9	6.34	46.4	7.45	53.9	8.64	57.6	9.26	61.3	9.90	68.8	11.2	76.3	12.6
		16	38.9	6.43	46.4	7.57	53.9	8.79	57.6	9.42	61.3	10.1	68.8	11.4	76.3	12.8
		18	38.9	6.53	46.4	7.70	53.9	8.95	57.6	9.59	61.3	10.3	68.8	11.6	76.3	13.1
		20	38.9	6.63	46.4	7.83	53.9	9.11	57.6	9.77	61.3	10.4	68.8	11.9	76.3	13.3
		21	38.9	6.68	46.4	7.90	53.9	9.19	57.6	9.86	61.3	10.5	68.8	12.0	76.3	13.4
		23	38.9	6.79	46.4	8.04	53.9	9.36	57.6	10.0	61.3	10.8	68.8	12.4	76.3	14.3
		25	38.9	6.91	46.4	8.18	53.9	9.72	57.6	10.6	61.3	11.4	68.8	13.3	76.3	15.3
		27	38.9	7.16	46.4	8.67	53.9	10.3	57.6	11.2	61.3	12.2	68.8	14.2	76.3	16.3
		29	38.9	7.58	46.4	9.21	53.9	11.0	57.6	12.0	61.3	13.0	68.8	15.1	76.3	17.4
		31	38.9	8.03	46.4	9.77	53.9	11.7	57.6	12.7	61.3	13.8	68.8	16.1	76.3	18.5
		33	38.9	8.50	46.4	10.4	53.9	12.4	57.6	13.5	61.3	14.6	68.8	17.1	76.3	19.7
		35	38.9	8.98	46.4	11.0	53.9	13.2	57.6	14.3	61.3	15.6	68.8	18.2	76.3	21.0
		37	38.9	9.49	46.4	11.6	53.9	14.0	57.6	15.2	61.3	16.5	68.8	19.3	76.3	22.3
		39	38.9	10.0	46.4	12.3	53.9	14.8	57.6	16.1	61.3	17.5	68.8	20.5	76.3	23.8
50%	425	10	32.4	5.29	38.6	6.12	44.9	7.01	48.0	7.47	51.1	7.94	57.4	8.92	63.6	9.93
		12	32.4	5.36	38.6	6.21	44.9	7.12	48.0	7.59	51.1	8.07	57.4	9.07	63.6	10.1
		14	32.4	5.43	38.6	6.30	44.9	7.23	48.0	7.71	51.1	8.20	57.4	9.22	63.6	10.3
		16	32.4	5.50	38.6	6.40	44.9	7.34	48.0	7.83	51.1	8.34	57.4	9.38	63.6	10.5
		18	32.4	5.58	38.6	6.49	44.9	7.46	48.0	7.97	51.1	8.48	57.4	9.55	63.6	10.7
		20	32.4	5.66	38.6	6.59	44.9	7.59	48.0	8.10	51.1	8.63	57.4	9.73	63.6	10.9
		21	32.4	5.70	38.6	6.65	44.9	7.65	48.0	8.17	51.1	8.71	57.4	9.82	63.6	11.0
		23	32.4	5.79	38.6	6.76	44.9	7.78	48.0	8.32	51.1	8.87	57.4	10.0	63.6	11.2
		25	32.4	5.88	38.6	6.87	44.9	7.92	48.0	8.49	51.1	9.14	57.4	10.5	63.6	12.0
		27	32.4	5.97	38.6	7.11	44.9	8.36	48.0	9.03	51.1	9.72	57.4	11.2	63.6	12.8
		29	32.4	6.32	38.6	7.54	44.9	8.87	48.0	9.59	51.1	10.3	57.4	11.9	63.6	13.6
		31	32.4	6.67	38.6	7.98	44.9	9.41	48.0	10.2	51.1	11.0	57.4	12.6	63.6	14.5
		33	32.4	7.05	38.6	8.44	44.9	9.97	48.0	10.8	51.1	11.6	57.4	13.4	63.6	15.4
		35	32.4	7.44	38.6	8.92	44.9	10.6	48.0	11.4	51.1	12.3	57.4	14.3	63.6	16.3
		37	32.4	7.84	38.6	9.43	44.9	11.2	48.0	12.1	51.1	13.1	57.4	15.1	63.6	17.3
		39	32.4	8.27	38.6	9.96	44.9	11.8	48.0	12.8	51.1	13.9	57.4	16.0	63.6	18.4

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

36HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,170	10	88.6	14.7	106	18.0	123	21.5	127	21.9	129	21.5	132	20.6	135	19.6
		12	88.6	15.0	106	18.4	123	21.9	126	21.8	127	21.3	130	20.4	134	20.1
		14	88.6	15.3	106	18.7	122	22.1	124	21.7	126	21.2	129	21.0	132	21.2
		16	88.6	15.6	106	19.1	121	22.0	122	21.9	124	22.0	127	22.2	130	22.4
		18	88.6	15.9	106	19.5	119	22.9	121	23.0	122	23.1	125	23.3	129	23.5
		20	88.6	16.2	106	20.7	117	24.0	119	24.1	121	24.2	124	24.5	127	24.7
		21	88.6	16.7	106	21.5	117	24.5	118	24.7	120	24.8	123	25.0	126	25.3
		23	88.6	17.8	106	23.0	115	25.7	117	25.8	118	25.9	121	26.2	125	26.4
		25	88.6	19.1	106	24.7	113	26.8	115	26.9	116	27.1	120	27.3	123	27.6
		27	88.6	20.4	106	26.4	112	27.9	113	28.1	115	28.2	118	28.5	121	28.8
		29	88.6	21.7	106	28.2	110	29.0	112	29.2	113	29.4	116	29.7	120	30.0
		31	88.6	23.2	105	29.9	108	30.2	110	30.3	112	30.5	115	30.8	118	31.2
		33	88.6	24.7	104	31.0	107	31.3	108	31.5	110	31.7	113	32.0	116	32.4
		35	88.6	26.3	102	32.1	105	32.5	107	32.7	108	32.8	111	33.2	115	33.6
		37	88.6	28.0	100	33.2	103	33.6	105	33.8	107	34.0	110	34.4	113	34.8
		39	88.6	29.9	98.6	34.4	102	34.8	103	35.0	105	35.2	108	35.6	111	36.0
120%	1,080	10	81.8	13.5	97.6	16.4	113	19.6	121	21.1	127	22.0	130	21.2	133	20.4
		12	81.8	13.7	97.6	16.8	113	19.9	121	21.5	125	21.9	128	21.1	131	20.2
		14	81.8	14.0	97.6	17.1	113	20.3	121	21.9	124	21.8	126	20.9	129	21.1
		16	81.8	14.2	97.6	17.4	113	20.7	120	22.1	122	21.8	125	22.0	128	22.2
		18	81.8	14.5	97.6	17.7	113	21.4	119	22.9	120	23.0	123	23.2	126	23.4
		20	81.8	14.8	97.6	18.5	113	23.0	117	24.0	119	24.1	122	24.3	124	24.5
		21	81.8	14.9	97.6	19.1	113	23.8	116	24.5	118	24.6	121	24.9	124	25.1
		23	81.8	16.0	97.6	20.5	113	25.5	115	25.6	116	25.8	119	26.0	122	26.2
		25	81.8	17.0	97.6	21.9	112	26.6	113	26.8	114	26.9	117	27.1	120	27.4
		27	81.8	18.2	97.6	23.4	110	27.7	111	27.9	113	28.0	116	28.3	119	28.6
		29	81.8	19.4	97.6	25.0	108	28.9	110	29.0	111	29.2	114	29.4	117	29.7
		31	81.8	20.7	97.6	26.7	107	30.0	108	30.1	110	30.3	112	30.6	115	30.9
		33	81.8	22.0	97.6	28.5	105	31.1	106	31.3	108	31.5	111	31.8	114	32.1
		35	81.8	23.5	97.6	30.4	103	32.3	105	32.4	106	32.6	109	32.9	112	33.3
		37	81.8	25.0	97.6	32.4	102	33.4	103	33.6	105	33.8	108	34.1	111	34.5
		39	81.8	26.6	97.1	34.2	100	34.6	101	34.7	103	34.9	106	35.3	109	35.7
110%	990	10	75.0	12.2	89.4	14.9	104	17.7	111	19.1	118	20.6	127	21.8	130	21.1
		12	75.0	12.4	89.4	15.2	104	18.0	111	19.5	118	20.9	126	21.7	129	20.9
		14	75.0	12.7	89.4	15.5	104	18.4	111	19.8	118	21.3	124	21.6	127	20.9
		16	75.0	12.9	89.4	15.7	104	18.7	111	20.2	118	21.8	123	21.9	125	22.1
		18	75.0	13.2	89.4	16.1	104	19.1	111	20.8	118	22.8	121	23.0	124	23.2
		20	75.0	13.4	89.4	16.4	104	20.2	111	22.3	117	23.9	119	24.1	122	24.3
		21	75.0	13.5	89.4	16.9	104	20.9	111	23.1	116	24.5	118	24.7	121	24.9
		23	75.0	14.2	89.4	18.1	104	22.5	111	24.8	114	25.6	117	25.8	120	26.0
		25	75.0	15.1	89.4	19.3	104	24.0	111	26.6	112	26.7	115	26.9	118	27.2
		27	75.0	16.1	89.4	20.6	104	25.7	109	27.7	111	27.8	114	28.1	116	28.3
		29	75.0	17.2	89.4	22.0	104	27.5	108	28.8	109	29.0	112	29.2	115	29.5
		31	75.0	18.3	89.4	23.5	104	29.3	106	30.0	108	30.1	110	30.4	113	30.7
		33	75.0	19.5	89.4	25.1	103	30.9	105	31.1	106	31.2	109	31.5	111	31.8
		35	75.0	20.8	89.4	26.7	102	32.1	103	32.2	104	32.4	107	32.7	110	33.0
		37	75.0	22.1	89.4	28.4	99.9	33.2	101	33.4	103	33.5	105	33.8	108	34.2
		39	75.0	23.5	89.4	30.3	98.3	34.3	99.6	34.5	101	34.7	104	35.0	106	35.4
100%	900	10	68.2	11.0	81.3	13.4	94.4	15.8	101	17.1	108	18.4	121	21.0	128	21.8
		12	68.2	11.2	81.3	13.6	94.4	16.1	101	17.4	108	18.8	121	21.4	126	21.7
		14	68.2	11.4	81.3	13.9	94.4	16.4	101	17.8	108	19.1	121	21.8	124	21.5
		16	68.2	11.6	81.3	14.1	94.4	16.8	101	18.1	108	19.5	120	22.1	123	21.9
		18	68.2	11.8	81.3	14.4	94.4	17.1	101	18.5	108	19.9	119	22.8	121	23.0
		20	68.2	12.1	81.3	14.7	94.4	17.6	101	19.4	108	21.3	117	24.0	119	24.1
		21	68.2	12.2	81.3	14.8	94.4	18.2	101	20.1	108	22.1	116	24.5	119	24.7
		23	68.2	12.5	81.3	15.8	94.4	19.5	101	21.5	108	23.6	115	25.6	117	25.8
		25	68.2	13.3	81.3	16.9	94.4	20.9	101	23.1	108	25.3	113	26.8	115	27.0
		27	68.2	14.2	81.3	18.0	94.4	22.3	101	24.7	108	27.1	111	27.9	114	28.1
		29	68.2	15.1	81.3	19.2	94.4	23.9	101	26.3	107	28.8	110	29.0	112	29.2
		31	68.2	16.1	81.3	20.5	94.4	25.4	101	28.1	106	29.9	108	30.1	110	30.4
		33	68.2	17.1	81.3	21.8	94.4	27.1	101	30.0	104	31.0	106	31.3	109	31.5
		35	68.2	18.2	81.3	23.3	94.4	28.9	101	32.0	102	32.1	105	32.4	107	32.7
		37	68.2	19.4	81.3	24.7	94.4	30.8	99.4	33.1	101	33.3	103	33.6	106	33.9
		39	68.2	20.6	81.3	26.3	94.4	32.8	97.7	34.3	98.9	34.4	101	34.7	104	35.0
90%	810	10	61.3	9.87	73.2	11.9	85.0	14.1	90.9	15.2	96.8	16.3	109	18.6	120	21.0
		12	61.3	10.0	73.2	12.1	85.0	14.3	90.9	15.4	96.8	16.6	109	19.0	120	21.4
		14	61.3	10.2	73.2	12.3	85.0	14.6	90.9	15.7	96.8	16.9	109	19.3	120	21.8
		16	61.3	10.4	73.2	12.6	85.0	14.9	90.9	16.0	96.8	17.3	109	19.7	120	22.1
		18	61.3	10.6	73.2	12.8	85.0	15.1	90.9	16.4	96.8	17.6	109	20.1	119	22.8
		20	61.3	10.8	73.2	13.0	85.0	15.4	90.9	16.7	96.8	18.2	109	21.6	117	24.0
		21	61.3	10.9	73.2	13.2	85.0	15.7	90.9	17.3	96.8	18.9	109	22.4	116	24.5
		23	61.3	11.1	73.2	13.7	85.0	16.8	90.9	18.5	96.8	20.2	109	24.0	114	25.6
		25	61.3	11.7	73.2	14.6	85.0	18.0	90.9	19.8	96.8	21.7	109	25.7	113	26.7
		27	61.3	12.4	73.2	15.6	85.0	19.2	90.9	21.1	96.8	23.2	109	27.5	111	27.9
		29	61.3	13.2	73.2	16.6	85.0	20.5	90.9	22.6	96.8	24.7	107	28.8	110	29.0
		31	61.3	14.1	73.2	17.7	85.0	21.8	90.9	24.1	96.8	26.4	106	29.9	108	30.1
		33	61.3	14.9	73.2	18.9	85.0	23.3	90.9	25.7	96.8	28.2	104	31.0	106	31.3
		35	61.3	15.8	73.2	20.1	85.0	24.8	90.9	27.3	96.8	30.0	102	32.2	105	32.4
		37	61.3	16.8	73.2	21.3	85.0	26.4	90.9	29.1	96.8	32.0	101	33.3	103	33.6
		39	61.3	17.8	73.2	22.7	85.0	28.1	90.9	31.0	96.8	34.1	99.1	34.4	101	34.7

3 Capacity tables

3 - 1 Cooling capacity tables

36HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	720	10	54.5	8.76	65.0	10.5	75.5	12.3	80.8	13.3	86.1	14.3	96.6	16.3	107	18.3
		12	54.5	8.90	65.0	10.7	75.5	12.5	80.8	13.5	86.1	14.5	96.6	16.6	107	18.7
		14	54.5	9.05	65.0	10.9	75.5	12.8	80.8	13.8	86.1	14.8	96.6	16.9	107	19.0
		16	54.5	9.20	65.0	11.1	75.5	13.0	80.8	14.0	86.1	15.1	96.6	17.2	107	19.4
		18	54.5	9.36	65.0	11.3	75.5	13.3	80.8	14.3	86.1	15.4	96.6	17.5	107	19.8
		20	54.5	9.53	65.0	11.5	75.5	13.5	80.8	14.6	86.1	15.7	96.6	18.2	107	21.1
		21	54.5	9.61	65.0	11.6	75.5	13.7	80.8	14.7	86.1	16.0	96.6	18.8	107	21.9
		23	54.5	9.79	65.0	11.8	75.5	14.3	80.8	15.7	86.1	17.1	96.6	20.2	107	23.5
		25	54.5	10.1	65.0	12.6	75.5	15.3	80.8	16.8	86.1	18.3	96.6	21.6	107	25.2
		27	54.5	10.8	65.0	13.4	75.5	16.3	80.8	17.9	86.1	19.5	96.6	23.1	107	26.9
		29	54.5	11.4	65.0	14.2	75.5	17.4	80.8	19.1	86.1	20.9	96.6	24.6	107	28.8
		31	54.5	12.1	65.0	15.2	75.5	18.5	80.8	20.3	86.1	22.2	96.6	26.3	105	29.9
		33	54.5	12.9	65.0	16.1	75.5	19.7	80.8	21.7	86.1	23.7	96.6	28.1	104	31.0
		35	54.5	13.7	65.0	17.1	75.5	21.0	80.8	23.1	86.1	25.2	96.6	29.9	102	32.1
		37	54.5	14.5	65.0	18.2	75.5	22.3	80.8	24.5	86.1	26.9	96.6	31.9	100	33.3
		39	54.5	15.3	65.0	19.3	75.5	23.7	80.8	26.1	86.1	28.6	96.6	34.0	98.8	34.4
70%	630	10	47.7	7.70	56.9	9.14	66.1	10.7	70.7	11.5	75.3	12.3	84.5	14.0	93.7	15.7
		12	47.7	7.82	56.9	9.29	66.1	10.9	70.7	11.7	75.3	12.5	84.5	14.2	93.7	16.0
		14	47.7	7.94	56.9	9.45	66.1	11.0	70.7	11.9	75.3	12.7	84.5	14.5	93.7	16.3
		16	47.7	8.07	56.9	9.61	66.1	11.2	70.7	12.1	75.3	13.0	84.5	14.8	93.7	16.6
		18	47.7	8.20	56.9	9.78	66.1	11.5	70.7	12.3	75.3	13.2	84.5	15.0	93.7	16.9
		20	47.7	8.34	56.9	9.96	66.1	11.7	70.7	12.6	75.3	13.5	84.5	15.3	93.7	17.4
		21	47.7	8.41	56.9	10.0	66.1	11.8	70.7	12.7	75.3	13.6	84.5	15.6	93.7	18.0
		23	47.7	8.56	56.9	10.2	66.1	12.0	70.7	13.1	75.3	14.3	84.5	16.7	93.7	19.3
		25	47.7	8.71	56.9	10.6	66.1	12.8	70.7	14.0	75.3	15.2	84.5	17.8	93.7	20.7
		27	47.7	9.21	56.9	11.3	66.1	13.7	70.7	14.9	75.3	16.2	84.5	19.0	93.7	22.1
		29	47.7	9.77	56.9	12.0	66.1	14.5	70.7	15.9	75.3	17.3	84.5	20.3	93.7	23.6
		31	47.7	10.4	56.9	12.8	66.1	15.5	70.7	16.9	75.3	18.4	84.5	21.7	93.7	25.2
		33	47.7	11.0	56.9	13.6	66.1	16.5	70.7	18.0	75.3	19.6	84.5	23.1	93.7	26.8
		35	47.7	11.6	56.9	14.4	66.1	17.5	70.7	19.1	75.3	20.9	84.5	24.6	93.7	28.6
		37	47.7	12.3	56.9	15.3	66.1	18.6	70.7	20.3	75.3	22.2	84.5	26.2	93.7	30.5
		39	47.7	13.0	56.9	16.2	66.1	19.7	70.7	21.6	75.3	23.6	84.5	27.8	93.7	32.4
60%	540	10	40.9	6.70	48.8	7.87	56.7	9.10	60.6	9.75	64.5	10.4	72.4	11.8	80.3	13.2
		12	40.9	6.80	48.8	7.99	56.7	9.25	60.6	9.91	64.5	10.6	72.4	12.0	80.3	13.4
		14	40.9	6.90	48.8	8.11	56.7	9.41	60.6	10.1	64.5	10.8	72.4	12.2	80.3	13.7
		16	40.9	7.00	48.8	8.24	56.7	9.57	60.6	10.3	64.5	11.0	72.4	12.4	80.3	13.9
		18	40.9	7.11	48.8	8.38	56.7	9.74	60.6	10.4	64.5	11.2	72.4	12.7	80.3	14.2
		20	40.9	7.22	48.8	8.52	56.7	9.91	60.6	10.6	64.5	11.4	72.4	12.9	80.3	14.5
		21	40.9	7.28	48.8	8.60	56.7	10.0	60.6	10.7	64.5	11.5	72.4	13.0	80.3	14.6
		23	40.9	7.39	48.8	8.75	56.7	10.2	60.6	10.9	64.5	11.7	72.4	13.5	80.3	15.6
		25	40.9	7.52	48.8	8.91	56.7	10.6	60.6	11.5	64.5	12.4	72.4	14.5	80.3	16.6
		27	40.9	7.79	48.8	9.44	56.7	11.3	60.6	12.2	64.5	13.3	72.4	15.4	80.3	17.7
		29	40.9	8.26	48.8	10.0	56.7	12.0	60.6	13.0	64.5	14.1	72.4	16.4	80.3	18.9
		31	40.9	8.74	48.8	10.6	56.7	12.7	60.6	13.8	64.5	15.0	72.4	17.5	80.3	20.2
		33	40.9	9.25	48.8	11.3	56.7	13.5	60.6	14.7	64.5	15.9	72.4	18.6	80.3	21.5
		35	40.9	9.78	48.8	11.9	56.7	14.3	60.6	15.6	64.5	16.9	72.4	19.8	80.3	22.8
		37	40.9	10.3	48.8	12.6	56.7	15.2	60.6	16.6	64.5	18.0	72.4	21.0	80.3	24.3
		39	40.9	10.9	48.8	13.4	56.7	16.1	60.6	17.6	64.5	19.1	72.4	22.3	80.3	25.9
50%	450	10	34.1	5.76	40.6	6.67	47.2	7.63	50.5	8.13	53.8	8.64	60.4	9.71	66.9	10.8
		12	34.1	5.83	40.6	6.76	47.2	7.74	50.5	8.26	53.8	8.78	60.4	9.87	66.9	11.0
		14	34.1	5.91	40.6	6.86	47.2	7.87	50.5	8.39	53.8	8.93	60.4	10.0	66.9	11.2
		16	34.1	5.99	40.6	6.96	47.2	7.99	50.5	8.53	53.8	9.08	60.4	10.2	66.9	11.4
		18	34.1	6.08	40.6	7.07	47.2	8.12	50.5	8.67	53.8	9.23	60.4	10.4	66.9	11.6
		20	34.1	6.16	40.6	7.18	47.2	8.26	50.5	8.82	53.8	9.40	60.4	10.6	66.9	11.8
		21	34.1	6.21	40.6	7.23	47.2	8.33	50.5	8.90	53.8	9.48	60.4	10.7	66.9	11.9
		23	34.1	6.30	40.6	7.35	47.2	8.47	50.5	9.06	53.8	9.65	60.4	10.9	66.9	12.2
		25	34.1	6.40	40.6	7.48	47.2	8.62	50.5	9.24	53.8	9.95	60.4	11.4	66.9	13.0
		27	34.1	6.50	40.6	7.74	47.2	9.10	50.5	9.83	53.8	10.6	60.4	12.2	66.9	13.9
		29	34.1	6.87	40.6	8.20	47.2	9.66	50.5	10.4	53.8	11.2	60.4	12.9	66.9	14.8
		31	34.1	7.26	40.6	8.68	47.2	10.2	50.5	11.1	53.8	11.9	60.4	13.8	66.9	15.7
		33	34.1	7.67	40.6	9.19	47.2	10.9	50.5	11.7	53.8	12.7	60.4	14.6	66.9	16.7
		35	34.1	8.09	40.6	9.71	47.2	11.5	50.5	12.4	53.8	13.4	60.4	15.5	66.9	17.8
		37	34.1	8.54	40.6	10.3	47.2	12.2	50.5	13.2	53.8	14.2	60.4	16.5	66.9	18.9
		39	34.1	9.00	40.6	10.8	47.2	12.9	50.5	13.9	53.8	15.1	60.4	17.5	66.9	20.0

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

38HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,235	10	93.9	15.3	112	18.7	130	22.3	135	22.7	136	22.3	140	21.3	143	20.4
		12	93.9	15.6	112	19.1	130	22.7	133	22.6	135	22.1	138	21.2	141	20.9
		14	93.9	15.9	112	19.4	130	23.0	131	22.5	133	22.0	136	21.8	140	22.0
		16	93.9	16.2	112	19.8	128	22.9	130	22.7	131	22.8	135	23.0	138	23.2
		18	93.9	16.5	112	20.2	126	23.7	128	23.8	129	24.0	133	24.2	136	24.4
		20	93.9	16.8	112	21.5	124	24.9	126	25.0	128	25.1	131	25.4	135	25.6
		21	93.9	17.3	112	22.3	123	25.5	125	25.6	127	25.7	130	26.0	134	26.2
		23	93.9	18.5	112	23.9	122	26.6	123	26.8	125	26.9	129	27.2	132	27.4
		25	93.9	19.8	112	25.6	120	27.8	122	27.9	123	28.1	127	28.4	130	28.7
		27	93.9	21.1	112	27.4	118	29.0	120	29.1	122	29.3	125	29.6	128	29.9
		29	93.9	22.6	112	29.3	117	30.1	118	30.3	120	30.5	123	30.8	127	31.1
		31	93.9	24.1	111	31.0	115	31.3	116	31.5	118	31.7	122	32.0	125	32.3
		33	93.9	25.6	110	32.1	113	32.5	115	32.7	116	32.9	120	33.2	123	33.6
		35	93.9	27.3	108	33.3	111	33.7	113	33.9	115	34.1	118	34.4	121	34.8
		37	93.9	29.1	106	34.5	110	34.9	111	35.1	113	35.3	116	35.7	120	36.1
		39	93.9	31.0	104	35.7	108	36.1	110	36.3	111	36.5	115	36.9	118	37.4
120%	1,140	10	86.7	14.0	103	17.1	120	20.3	128	21.9	134	22.8	137	22.0	141	21.1
		12	86.7	14.2	103	17.4	120	20.7	128	22.3	133	22.7	136	21.9	139	21.0
		14	86.7	14.5	103	17.7	120	21.1	128	22.8	131	22.6	134	21.7	137	21.9
		16	86.7	14.8	103	18.1	120	21.5	128	22.9	129	22.7	132	22.9	135	23.1
		18	86.7	15.0	103	18.4	120	22.2	126	23.7	127	23.8	130	24.0	134	24.2
		20	86.7	15.3	103	19.1	120	23.9	124	24.9	126	25.0	129	25.2	132	25.4
		21	86.7	15.5	103	19.8	120	24.7	123	25.4	125	25.6	128	25.8	131	26.0
		23	86.7	16.5	103	21.2	120	26.5	121	26.6	123	26.7	126	27.0	129	27.2
		25	86.7	17.7	103	22.7	118	27.6	120	27.8	121	27.9	124	28.2	128	28.4
		27	86.7	18.9	103	24.3	116	28.8	118	28.9	120	29.1	123	29.4	126	29.6
		29	86.7	20.1	103	26.0	115	30.0	116	30.1	118	30.3	121	30.6	124	30.8
		31	86.7	21.5	103	27.7	113	31.1	114	31.3	116	31.4	119	31.8	122	32.1
		33	86.7	22.9	103	29.6	111	32.3	113	32.5	114	32.6	117	33.0	121	33.3
		35	86.7	24.3	103	31.5	109	33.5	111	33.7	113	33.8	116	34.2	119	34.5
		37	86.7	25.9	103	33.6	108	34.7	109	34.8	111	35.0	114	35.4	117	35.8
		39	86.7	27.6	103	35.5	106	35.8	108	36.0	109	36.2	112	36.6	115	37.0
110%	1,045	10	79.4	12.7	94.7	15.4	110	18.3	118	19.8	125	21.3	135	22.6	138	21.9
		12	79.4	12.9	94.7	15.7	110	18.7	118	20.2	125	21.7	133	22.5	136	21.7
		14	79.4	13.1	94.7	16.0	110	19.0	118	20.6	125	22.1	132	22.4	134	21.7
		16	79.4	13.4	94.7	16.3	110	19.4	118	21.0	125	22.6	130	22.7	133	22.9
		18	79.4	13.6	94.7	16.7	110	19.8	118	21.6	125	23.7	128	23.9	131	24.1
		20	79.4	13.9	94.7	17.0	110	21.0	118	23.2	123	24.8	126	25.0	129	25.2
		21	79.4	14.0	94.7	17.5	110	21.7	118	24.0	123	25.4	125	25.6	128	25.8
		23	79.4	14.7	94.7	18.7	110	23.3	118	25.8	121	26.6	124	26.8	127	27.0
		25	79.4	15.7	94.7	20.0	110	24.9	118	27.6	119	27.7	122	28.0	125	28.2
		27	79.4	16.8	94.7	21.4	110	26.7	116	28.7	117	28.9	120	29.1	123	29.4
		29	79.4	17.9	94.7	22.9	110	28.5	114	29.9	116	30.0	119	30.3	121	30.6
		31	79.4	19.0	94.7	24.4	110	30.4	112	31.1	114	31.2	117	31.5	120	31.8
		33	79.4	20.2	94.7	26.0	109	32.1	111	32.2	112	32.4	115	32.7	118	33.0
		35	79.4	21.5	94.7	27.7	108	33.3	109	33.4	110	33.6	113	33.9	116	34.2
		37	79.4	22.9	94.7	29.5	106	34.4	107	34.6	109	34.8	112	35.1	114	35.5
		39	79.4	24.3	94.7	31.4	104	35.6	106	35.8	107	36.0	110	36.3	113	36.7
100%	950	10	72.2	11.4	86.1	13.9	100	16.4	107	17.8	114	19.1	128	21.8	135	22.6
		12	72.2	11.6	86.1	14.1	100	16.7	107	18.1	114	19.5	128	22.2	134	22.5
		14	72.2	11.8	86.1	14.4	100	17.1	107	18.4	114	19.8	128	22.7	132	22.3
		16	72.2	12.1	86.1	14.7	100	17.4	107	18.8	114	20.2	127	23.0	130	22.7
		18	72.2	12.3	86.1	14.9	100	17.7	107	19.2	114	20.6	126	23.7	128	23.9
		20	72.2	12.5	86.1	15.2	100	18.3	107	20.1	114	22.1	124	24.9	127	25.0
		21	72.2	12.6	86.1	15.4	100	18.9	107	20.9	114	22.9	123	25.4	126	25.6
		23	72.2	13.0	86.1	16.4	100	20.3	107	22.3	114	24.5	121	26.6	124	26.8
		25	72.2	13.8	86.1	17.5	100	21.7	107	23.9	114	26.3	120	27.8	122	28.0
		27	72.2	14.8	86.1	18.7	100	23.2	107	25.6	114	28.1	118	28.9	120	29.2
		29	72.2	15.7	86.1	20.0	100	24.7	107	27.3	114	29.8	116	30.1	119	30.3
		31	72.2	16.7	86.1	21.3	100	26.4	107	29.2	112	31.0	114	31.3	117	31.5
		33	72.2	17.8	86.1	22.7	100	28.2	107	31.1	110	32.2	113	32.5	115	32.7
		35	72.2	18.9	86.1	24.1	100	30.0	107	33.2	108	33.3	111	33.6	114	33.9
		37	72.2	20.1	86.1	25.7	100	32.0	105	34.4	107	34.5	109	34.8	112	35.1
		39	72.2	21.3	86.1	27.3	100	34.1	104	35.5	105	35.7	107	36.0	110	36.4
90%	855	10	65.0	10.2	77.5	12.3	90.0	14.6	96.3	15.7	103	16.9	115	19.3	128	21.8
		12	65.0	10.4	77.5	12.6	90.0	14.8	96.3	16.0	103	17.2	115	19.7	128	22.2
		14	65.0	10.6	77.5	12.8	90.0	15.1	96.3	16.3	103	17.6	115	20.1	128	22.6
		16	65.0	10.8	77.5	13.0	90.0	15.4	96.3	16.6	103	17.9	115	20.5	127	23.0
		18	65.0	11.0	77.5	13.3	90.0	15.7	96.3	17.0	103	18.3	115	20.9	126	23.7
		20	65.0	11.2	77.5	13.5	90.0	16.0	96.3	17.3	103	18.9	115	22.4	124	24.9
		21	65.0	11.3	77.5	13.7	90.0	16.3	96.3	17.9	103	19.6	115	23.2	123	25.4
		23	65.0	11.5	77.5	14.2	90.0	17.5	96.3	19.2	103	21.0	115	24.9	121	26.6
		25	65.0	12.1	77.5	15.2	90.0	18.7	96.3	20.5	103	22.5	115	26.7	120	27.8
		27	65.0	12.9	77.5	16.2	90.0	19.9	96.3	21.9	103	24.0	115	28.5	118	28.9
		29	65.0	13.7	77.5	17.3	90.0	21.3	96.3	23.4	103	25.7	114	29.9	116	30.1
		31	65.0	14.6	77.5	18.4	90.0	22.7	96.3	25.0	103	27.4	112	31.0	114	31.3
		33	65.0	15.5	77.5	19.6	90.0	24.1	96.3	26.6	103	29.2	110	32.2	113	32.4
		35	65.0	16.4	77.5	20.8	90.0	25.7	96.3	28.4	103	31.1	109	33.4	111	33.6
		37	65.0	17.5	77.5	22.1	90.0	27.4	96.3	30.2	103	33.2	107	34.5	109	34.8
		39	65.0	18.5	77.5	23.5	90.0	29.1	96.3	32.2	103	35.4	105	35.7	107	36.0

3 Capacity tables

3 - 1 Cooling capacity tables

38HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	760	10	57.8	9.09	68.9	10.9	80.0	12.8	85.6	13.8	91.2	14.8	102	16.9	113	19.0
		12	57.8	9.24	68.9	11.1	80.0	13.0	85.6	14.0	91.2	15.1	102	17.2	113	19.4
		14	57.8	9.39	68.9	11.3	80.0	13.3	85.6	14.3	91.2	15.3	102	17.5	113	19.7
		16	57.8	9.55	68.9	11.5	80.0	13.5	85.6	14.6	91.2	15.6	102	17.8	113	20.1
		18	57.8	9.71	68.9	11.7	80.0	13.8	85.6	14.8	91.2	15.9	102	18.2	113	20.5
		20	57.8	9.89	68.9	11.9	80.0	14.0	85.6	15.1	91.2	16.3	102	18.9	113	21.9
		21	57.8	9.97	68.9	12.0	80.0	14.2	85.6	15.3	91.2	16.6	102	19.5	113	22.7
		23	57.8	10.2	68.9	12.2	80.0	14.9	85.6	16.3	91.2	17.8	102	20.9	113	24.4
		25	57.8	10.5	68.9	13.0	80.0	15.9	85.6	17.4	91.2	19.0	102	22.4	113	26.1
		27	57.8	11.2	68.9	13.9	80.0	16.9	85.6	18.6	91.2	20.3	102	23.9	113	27.9
		29	57.8	11.9	68.9	14.8	80.0	18.0	85.6	19.8	91.2	21.6	102	25.6	113	29.8
		31	57.8	12.6	68.9	15.7	80.0	19.2	85.6	21.1	91.2	23.1	102	27.3	112	31.0
		33	57.8	13.4	68.9	16.7	80.0	20.5	85.6	22.5	91.2	24.6	102	29.1	110	32.2
		35	57.8	14.2	68.9	17.8	80.0	21.8	85.6	23.9	91.2	26.2	102	31.0	108	33.3
		37	57.8	15.0	68.9	18.8	80.0	23.1	85.6	25.4	91.2	27.9	102	33.1	106	34.5
		39	57.8	15.9	68.9	20.0	80.0	24.6	85.6	27.1	91.2	29.7	102	35.2	105	35.7
70%	665	10	50.5	7.99	60.3	9.49	70.0	11.1	74.9	11.9	79.8	12.7	89.5	14.5	99.3	16.3
		12	50.5	8.11	60.3	9.64	70.0	11.3	74.9	12.1	79.8	13.0	89.5	14.8	99.3	16.6
		14	50.5	8.24	60.3	9.80	70.0	11.5	74.9	12.3	79.8	13.2	89.5	15.0	99.3	16.9
		16	50.5	8.37	60.3	9.97	70.0	11.7	74.9	12.6	79.8	13.5	89.5	15.3	99.3	17.2
		18	50.5	8.51	60.3	10.1	70.0	11.9	74.9	12.8	79.8	13.7	89.5	15.6	99.3	17.6
		20	50.5	8.65	60.3	10.3	70.0	12.1	74.9	13.0	79.8	14.0	89.5	15.9	99.3	18.1
		21	50.5	8.73	60.3	10.4	70.0	12.2	74.9	13.2	79.8	14.1	89.5	16.2	99.3	18.7
		23	50.5	8.88	60.3	10.6	70.0	12.5	74.9	13.6	79.8	14.8	89.5	17.3	99.3	20.0
		25	50.5	9.04	60.3	11.0	70.0	13.3	74.9	14.5	79.8	15.8	89.5	18.5	99.3	21.4
		27	50.5	9.55	60.3	11.7	70.0	14.2	74.9	15.5	79.8	16.8	89.5	19.8	99.3	22.9
		29	50.5	10.1	60.3	12.5	70.0	15.1	74.9	16.5	79.8	18.0	89.5	21.1	99.3	24.5
		31	50.5	10.8	60.3	13.3	70.0	16.1	74.9	17.6	79.8	19.1	89.5	22.5	99.3	26.1
		33	50.5	11.4	60.3	14.1	70.0	17.1	74.9	18.7	79.8	20.4	89.5	23.9	99.3	27.8
		35	50.5	12.1	60.3	14.9	70.0	18.1	74.9	19.9	79.8	21.7	89.5	25.5	99.3	29.7
		37	50.5	12.8	60.3	15.8	70.0	19.3	74.9	21.1	79.8	23.0	89.5	27.1	99.3	31.6
		39	50.5	13.5	60.3	16.8	70.0	20.5	74.9	22.4	79.8	24.5	89.5	28.9	99.3	33.7
60%	570	10	43.3	6.95	51.7	8.16	60.0	9.44	64.2	10.1	68.4	10.8	76.7	12.2	85.1	13.7
		12	43.3	7.05	51.7	8.29	60.0	9.60	64.2	10.3	68.4	11.0	76.7	12.4	85.1	13.9
		14	43.3	7.15	51.7	8.42	60.0	9.76	64.2	10.5	68.4	11.2	76.7	12.7	85.1	14.2
		16	43.3	7.26	51.7	8.55	60.0	9.93	64.2	10.6	68.4	11.4	76.7	12.9	85.1	14.5
		18	43.3	7.37	51.7	8.69	60.0	10.1	64.2	10.8	68.4	11.6	76.7	13.1	85.1	14.7
		20	43.3	7.49	51.7	8.84	60.0	10.3	64.2	11.0	68.4	11.8	76.7	13.4	85.1	15.0
		21	43.3	7.55	51.7	8.92	60.0	10.4	64.2	11.1	68.4	11.9	76.7	13.5	85.1	15.2
		23	43.3	7.67	51.7	9.08	60.0	10.6	64.2	11.3	68.4	12.1	76.7	14.0	85.1	16.1
		25	43.3	7.80	51.7	9.24	60.0	11.0	64.2	11.9	68.4	12.9	76.7	15.0	85.1	17.2
		27	43.3	8.08	51.7	9.80	60.0	11.7	64.2	12.7	68.4	13.7	76.7	16.0	85.1	18.4
		29	43.3	8.56	51.7	10.4	60.0	12.4	64.2	13.5	68.4	14.6	76.7	17.0	85.1	19.6
		31	43.3	9.07	51.7	11.0	60.0	13.2	64.2	14.4	68.4	15.6	76.7	18.1	85.1	20.9
		33	43.3	9.59	51.7	11.7	60.0	14.0	64.2	15.2	68.4	16.5	76.7	19.3	85.1	22.3
		35	43.3	10.1	51.7	12.4	60.0	14.9	64.2	16.2	68.4	17.6	76.7	20.5	85.1	23.7
		37	43.3	10.7	51.7	13.1	60.0	15.8	64.2	17.2	68.4	18.7	76.7	21.8	85.1	25.2
		39	43.3	11.3	51.7	13.9	60.0	16.7	64.2	18.2	68.4	19.8	76.7	23.2	85.1	26.8
50%	475	10	36.1	5.98	43.1	6.92	50.0	7.91	53.5	8.43	57.0	8.97	63.9	10.1	70.9	11.2
		12	36.1	6.05	43.1	7.01	50.0	8.03	53.5	8.57	57.0	9.11	63.9	10.2	70.9	11.4
		14	36.1	6.13	43.1	7.12	50.0	8.16	53.5	8.70	57.0	9.26	63.9	10.4	70.9	11.6
		16	36.1	6.22	43.1	7.22	50.0	8.29	53.5	8.85	57.0	9.42	63.9	10.6	70.9	11.8
		18	36.1	6.30	43.1	7.33	50.0	8.43	53.5	9.00	57.0	9.58	63.9	10.8	70.9	12.0
		20	36.1	6.39	43.1	7.45	50.0	8.57	53.5	9.15	57.0	9.75	63.9	11.0	70.9	12.3
		21	36.1	6.44	43.1	7.51	50.0	8.64	53.5	9.23	57.0	9.83	63.9	11.1	70.9	12.4
		23	36.1	6.54	43.1	7.63	50.0	8.79	53.5	9.39	57.0	10.0	63.9	11.3	70.9	12.7
		25	36.1	6.64	43.1	7.76	50.0	8.95	53.5	9.59	57.0	10.3	63.9	11.9	70.9	13.5
		27	36.1	6.74	43.1	8.03	50.0	9.44	53.5	10.2	57.0	11.0	63.9	12.6	70.9	14.4
		29	36.1	7.13	43.1	8.51	50.0	10.0	53.5	10.8	57.0	11.7	63.9	13.4	70.9	15.3
		31	36.1	7.54	43.1	9.01	50.0	10.6	53.5	11.5	57.0	12.4	63.9	14.3	70.9	16.3
		33	36.1	7.96	43.1	9.53	50.0	11.3	53.5	12.2	57.0	13.1	63.9	15.2	70.9	17.3
		35	36.1	8.40	43.1	10.1	50.0	11.9	53.5	12.9	57.0	13.9	63.9	16.1	70.9	18.4
		37	36.1	8.86	43.1	10.6	50.0	12.6	53.5	13.7	57.0	14.8	63.9	17.1	70.9	19.6
		39	36.1	9.34	43.1	11.2	50.0	13.3	53.5	14.5	57.0	15.6	63.9	18.1	70.9	20.8

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

40HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,300	10	99.1	17.2	118	21.1	137	25.1	142	25.6	144	25.1	148	24.0	151	22.9
		12	99.1	17.5	118	21.5	137	25.5	140	25.5	142	24.9	146	23.9	149	23.5
		14	99.1	17.9	118	21.9	137	25.9	139	25.3	140	24.8	144	24.6	148	24.8
		16	99.1	18.2	118	22.3	135	25.7	137	25.6	139	25.7	142	25.9	146	26.2
		18	99.1	18.6	118	22.8	133	26.7	135	26.9	137	27.0	140	27.3	144	27.5
		20	99.1	18.9	118	24.2	131	28.0	133	28.2	135	28.3	138	28.6	142	28.9
		21	99.1	19.5	118	25.1	130	28.7	132	28.8	134	29.0	138	29.3	141	29.5
		23	99.1	20.8	118	26.9	129	30.0	130	30.1	132	30.3	136	30.6	139	30.9
		25	99.1	22.3	118	28.8	127	31.3	129	31.5	130	31.6	134	32.0	137	32.3
		27	99.1	23.8	118	30.8	125	32.6	127	32.8	128	33.0	132	33.3	136	33.7
		29	99.1	25.4	118	33.0	123	33.9	125	34.1	127	34.3	130	34.7	134	35.0
		31	99.1	27.1	118	34.9	121	35.3	123	35.5	125	35.7	128	36.0	132	36.4
		33	99.1	28.9	116	36.2	119	36.6	121	36.8	123	37.0	127	37.4	130	37.8
		35	99.1	30.8	114	37.5	118	37.9	119	38.2	121	38.4	125	38.8	128	39.2
		37	99.1	32.8	112	38.8	116	39.3	118	39.5	119	39.7	123	40.2	126	40.7
		39	99.1	34.9	110	40.2	114	40.6	116	40.9	117	41.1	121	41.6	125	42.1
120%	1,200	10	91.5	15.7	109	19.2	127	22.9	136	24.7	142	25.7	145	24.8	148	23.8
		12	91.5	16.0	109	19.6	127	23.3	136	25.2	140	25.6	143	24.6	147	23.6
		14	91.5	16.3	109	20.0	127	23.7	136	25.7	138	25.5	141	24.5	145	24.6
		16	91.5	16.6	109	20.3	127	24.2	135	25.8	136	25.5	140	25.8	143	26.0
		18	91.5	17.0	109	20.7	127	25.0	133	26.7	135	26.8	138	27.1	141	27.3
		20	91.5	17.3	109	21.6	127	26.9	131	28.0	133	28.1	136	28.4	139	28.7
		21	91.5	17.5	109	22.3	127	27.9	130	28.7	132	28.8	135	29.1	138	29.3
		23	91.5	18.6	109	23.9	127	29.8	128	30.0	130	30.1	133	30.4	137	30.7
		25	91.5	19.9	109	25.6	125	31.1	126	31.3	128	31.4	131	31.7	135	32.0
		27	91.5	21.3	109	27.4	123	32.4	125	32.6	126	32.7	130	33.1	133	33.4
		29	91.5	22.7	109	29.2	121	33.7	123	33.9	124	34.1	128	34.4	131	34.8
		31	91.5	24.2	109	31.2	119	35.1	121	35.2	123	35.4	126	35.8	129	36.1
		33	91.5	25.8	109	33.3	117	36.4	119	36.6	121	36.8	124	37.1	127	37.5
		35	91.5	27.4	109	35.5	116	37.7	117	37.9	119	38.1	122	38.5	125	38.9
		37	91.5	29.2	109	37.8	114	39.0	115	39.3	117	39.5	120	39.9	124	40.3
		39	91.5	31.0	109	39.9	112	40.4	114	40.6	115	40.8	119	41.3	122	41.7
110%	1,100	10	83.9	14.3	100	17.4	116	20.7	124	22.3	132	24.0	143	25.5	146	24.6
		12	83.9	14.5	100	17.7	116	21.1	124	22.8	132	24.5	141	25.4	144	24.5
		14	83.9	14.8	100	18.1	116	21.5	124	23.2	132	25.0	139	25.2	142	24.5
		16	83.9	15.1	100	18.4	116	21.9	124	23.6	132	25.4	137	25.6	140	25.8
		18	83.9	15.4	100	18.8	116	22.3	124	24.3	132	26.7	135	26.9	138	27.1
		20	83.9	15.7	100	19.1	116	23.6	124	26.1	130	28.0	133	28.2	136	28.4
		21	83.9	15.8	100	19.7	116	24.5	124	27.1	129	28.6	133	28.9	136	29.1
		23	83.9	16.6	100	21.1	116	26.2	124	29.0	128	29.9	131	30.2	134	30.4
		25	83.9	17.7	100	22.6	116	28.1	124	31.1	126	31.2	129	31.5	132	31.8
		27	83.9	18.9	100	24.1	116	30.0	122	32.4	124	32.5	127	32.8	130	33.1
		29	83.9	20.1	100	25.8	116	32.1	121	33.7	122	33.8	125	34.2	128	34.5
		31	83.9	21.4	100	27.5	116	34.3	119	35.0	120	35.2	123	35.5	126	35.8
		33	83.9	22.8	100	29.3	115	36.2	117	36.3	118	36.5	121	36.8	125	37.2
		35	83.9	24.3	100	31.2	114	37.5	115	37.7	117	37.8	120	38.2	123	38.6
		37	83.9	25.8	100	33.2	112	38.8	113	39.0	115	39.2	118	39.6	121	39.9
		39	83.9	27.4	100	35.4	110	40.1	111	40.3	113	40.5	116	40.9	119	41.3
100%	1,000	10	76.3	12.9	91.0	15.6	106	18.5	113	20.0	120	21.5	135	24.6	143	25.4
		12	76.3	13.1	91.0	15.9	106	18.9	113	20.4	120	21.9	135	25.1	141	25.3
		14	76.3	13.3	91.0	16.2	106	19.2	113	20.8	120	22.3	135	25.5	139	25.2
		16	76.3	13.6	91.0	16.5	106	19.6	113	21.2	120	22.8	135	25.9	137	25.6
		18	76.3	13.8	91.0	16.8	106	20.0	113	21.6	120	23.2	133	26.7	135	26.9
		20	76.3	14.1	91.0	17.2	106	20.6	113	22.7	120	24.9	131	28.0	134	28.2
		21	76.3	14.2	91.0	17.3	106	21.3	113	23.5	120	25.8	130	28.6	133	28.9
		23	76.3	14.6	91.0	18.5	106	22.8	113	25.2	120	27.6	128	30.0	131	30.2
		25	76.3	15.6	91.0	19.8	106	24.4	113	26.9	120	29.6	126	31.3	129	31.5
		27	76.3	16.6	91.0	21.1	106	26.1	113	28.8	120	31.7	124	32.6	127	32.8
		29	76.3	17.7	91.0	22.5	106	27.9	113	30.8	120	33.6	123	33.9	125	34.2
		31	76.3	18.8	91.0	24.0	106	29.7	113	32.9	118	34.9	121	35.2	124	35.5
		33	76.3	20.0	91.0	25.5	106	31.7	113	35.1	116	36.2	119	36.6	122	36.9
		35	76.3	21.3	91.0	27.2	106	33.8	113	37.4	114	37.6	117	37.9	120	38.2
		37	76.3	22.6	91.0	28.9	106	36.0	111	38.7	113	38.9	115	39.2	118	39.6
		39	76.3	24.0	91.0	30.8	106	38.4	109	40.0	111	40.2	113	40.6	116	41.0
90%	900	10	68.6	11.5	81.9	13.9	95.1	16.4	102	17.7	108	19.1	122	21.8	135	24.5
		12	68.6	11.7	81.9	14.2	95.1	16.7	102	18.1	108	19.4	122	22.2	135	25.0
		14	68.6	11.9	81.9	14.4	95.1	17.0	102	18.4	108	19.8	122	22.6	135	25.5
		16	68.6	12.1	81.9	14.7	95.1	17.4	102	18.8	108	20.2	122	23.0	135	25.9
		18	68.6	12.4	81.9	15.0	95.1	17.7	102	19.1	108	20.6	122	23.5	133	26.7
		20	68.6	12.6	81.9	15.3	95.1	18.1	102	19.5	108	21.3	122	25.3	131	28.0
		21	68.6	12.7	81.9	15.4	95.1	18.4	102	20.2	108	22.1	122	26.2	130	28.6
		23	68.6	12.9	81.9	16.0	95.1	19.7	102	21.6	108	23.7	122	28.1	128	30.0
		25	68.6	13.6	81.9	17.1	95.1	21.0	102	23.1	108	25.3	122	30.0	126	31.3
		27	68.6	14.5	81.9	18.3	95.1	22.4	102	24.7	108	27.1	122	32.1	124	32.6
		29	68.6	15.4	81.9	19.5	95.1	23.9	102	26.4	108	28.9	120	33.6	123	33.9
		31	68.6	16.4	81.9	20.7	95.1	25.5	102	28.1	108	30.9	118	35.0	121	35.2
		33	68.6	17.4	81.9	22.0	95.1	27.2	102	30.0	108	32.9	116	36.3	119	36.6
		35	68.6	18.5	81.9	23.4	95.1	29.0	102	32.0	108	35.1	115	37.6	117	37.9
		37	68.6	19.7	81.9	24.9	95.1	30.8	102	34.0	108	37.4	113	38.9	115	39.2
		39	68.6	20.9	81.9	26.5	95.1	32.8	102	36.2	108	39.8	111	40.3	113	40.6

3 Capacity tables

3 - 1 Cooling capacity tables

40HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	800	10	61.0	10.2	72.8	12.3	84.5	14.4	90.4	15.5	96.3	16.7	108	19.0	120	21.4
		12	61.0	10.4	72.8	12.5	84.5	14.7	90.4	15.8	96.3	17.0	108	19.4	120	21.8
		14	61.0	10.6	72.8	12.7	84.5	14.9	90.4	16.1	96.3	17.3	108	19.7	120	22.2
		16	61.0	10.8	72.8	12.9	84.5	15.2	90.4	16.4	96.3	17.6	108	20.1	120	22.7
		18	61.0	10.9	72.8	13.2	84.5	15.5	90.4	16.7	96.3	18.0	108	20.5	120	23.1
		20	61.0	11.1	72.8	13.4	84.5	15.8	90.4	17.0	96.3	18.3	108	21.3	120	24.7
		21	61.0	11.2	72.8	13.5	84.5	16.0	90.4	17.2	96.3	18.7	108	22.0	120	25.6
		23	61.0	11.4	72.8	13.8	84.5	16.7	90.4	18.3	96.3	20.0	108	23.6	120	27.4
		25	61.0	11.8	72.8	14.7	84.5	17.9	90.4	19.6	96.3	21.4	108	25.2	120	29.4
		27	61.0	12.6	72.8	15.6	84.5	19.1	90.4	20.9	96.3	22.8	108	27.0	120	31.4
		29	61.0	13.4	72.8	16.6	84.5	20.3	90.4	22.3	96.3	24.4	108	28.8	120	33.6
		31	61.0	14.2	72.8	17.7	84.5	21.6	90.4	23.8	96.3	26.0	108	30.7	118	34.9
		33	61.0	15.0	72.8	18.8	84.5	23.0	90.4	25.3	96.3	27.7	108	32.8	116	36.2
		35	61.0	16.0	72.8	20.0	84.5	24.5	90.4	26.9	96.3	29.5	108	35.0	114	37.6
		37	61.0	16.9	72.8	21.2	84.5	26.1	90.4	28.7	96.3	31.4	108	37.2	112	38.9
		39	61.0	17.9	72.8	22.5	84.5	27.7	90.4	30.5	96.3	33.4	108	39.7	111	40.2
70%	700	10	53.4	9.00	63.7	10.7	74.0	12.5	79.1	13.4	84.2	14.4	94.5	16.3	105	18.3
		12	53.4	9.14	63.7	10.9	74.0	12.7	79.1	13.6	84.2	14.6	94.5	16.6	105	18.7
		14	53.4	9.28	63.7	11.0	74.0	12.9	79.1	13.9	84.2	14.9	94.5	16.9	105	19.0
		16	53.4	9.43	63.7	11.2	74.0	13.1	79.1	14.1	84.2	15.2	94.5	17.3	105	19.4
		18	53.4	9.59	63.7	11.4	74.0	13.4	79.1	14.4	84.2	15.4	94.5	17.6	105	19.8
		20	53.4	9.75	63.7	11.6	74.0	13.6	79.1	14.7	84.2	15.7	94.5	17.9	105	20.3
		21	53.4	9.83	63.7	11.7	74.0	13.8	79.1	14.8	84.2	15.9	94.5	18.2	105	21.1
		23	53.4	10.0	63.7	12.0	74.0	14.1	79.1	15.3	84.2	16.7	94.5	19.5	105	22.6
		25	53.4	10.2	63.7	12.4	74.0	15.0	79.1	16.4	84.2	17.8	94.5	20.8	105	24.1
		27	53.4	10.8	63.7	13.2	74.0	16.0	79.1	17.4	84.2	19.0	94.5	22.3	105	25.8
		29	53.4	11.4	63.7	14.1	74.0	17.0	79.1	18.6	84.2	20.2	94.5	23.7	105	27.6
		31	53.4	12.1	63.7	14.9	74.0	18.1	79.1	19.8	84.2	21.5	94.5	25.3	105	29.4
		33	53.4	12.8	63.7	15.9	74.0	19.2	79.1	21.0	84.2	22.9	94.5	27.0	105	31.3
		35	53.4	13.6	63.7	16.8	74.0	20.4	79.1	22.4	84.2	24.4	94.5	28.7	105	33.4
		37	53.4	14.4	63.7	17.8	74.0	21.7	79.1	23.8	84.2	25.9	94.5	30.6	105	35.6
		39	53.4	15.2	63.7	18.9	74.0	23.0	79.1	25.3	84.2	27.6	94.5	32.5	105	37.9
60%	600	10	45.8	7.83	54.6	9.19	63.4	10.6	67.8	11.4	72.2	12.2	81.0	13.8	89.8	15.4
		12	45.8	7.94	54.6	9.33	63.4	10.8	67.8	11.6	72.2	12.4	81.0	14.0	89.8	15.7
		14	45.8	8.06	54.6	9.48	63.4	11.0	67.8	11.8	72.2	12.6	81.0	14.3	89.8	16.0
		16	45.8	8.18	54.6	9.64	63.4	11.2	67.8	12.0	72.2	12.8	81.0	14.5	89.8	16.3
		18	45.8	8.31	54.6	9.79	63.4	11.4	67.8	12.2	72.2	13.0	81.0	14.8	89.8	16.6
		20	45.8	8.44	54.6	9.96	63.4	11.6	67.8	12.4	72.2	13.3	81.0	15.1	89.8	16.9
		21	45.8	8.50	54.6	10.0	63.4	11.7	67.8	12.5	72.2	13.4	81.0	15.2	89.8	17.1
		23	45.8	8.64	54.6	10.2	63.4	11.9	67.8	12.8	72.2	13.7	81.0	15.8	89.8	18.2
		25	45.8	8.79	54.6	10.4	63.4	12.4	67.8	13.4	72.2	14.5	81.0	16.9	89.8	19.4
		27	45.8	9.11	54.6	11.0	63.4	13.2	67.8	14.3	72.2	15.5	81.0	18.0	89.8	20.7
		29	45.8	9.65	54.6	11.7	63.4	14.0	67.8	15.2	72.2	16.5	81.0	19.2	89.8	22.1
		31	45.8	10.2	54.6	12.4	63.4	14.9	67.8	16.2	72.2	17.5	81.0	20.4	89.8	23.6
		33	45.8	10.8	54.6	13.2	63.4	15.8	67.8	17.2	72.2	18.6	81.0	21.7	89.8	25.1
		35	45.8	11.4	54.6	13.9	63.4	16.7	67.8	18.2	72.2	19.8	81.0	23.1	89.8	26.7
		37	45.8	12.1	54.6	14.8	63.4	17.8	67.8	19.3	72.2	21.0	81.0	24.6	89.8	28.4
		39	45.8	12.8	54.6	15.6	63.4	18.8	67.8	20.5	72.2	22.3	81.0	26.1	89.8	30.2
50%	500	10	38.1	6.73	45.5	7.79	52.8	8.92	56.5	9.50	60.2	10.1	67.5	11.3	74.9	12.6
		12	38.1	6.82	45.5	7.90	52.8	9.05	56.5	9.65	60.2	10.3	67.5	11.5	74.9	12.9
		14	38.1	6.91	45.5	8.02	52.8	9.19	56.5	9.80	60.2	10.4	67.5	11.7	74.9	13.1
		16	38.1	7.00	45.5	8.14	52.8	9.34	56.5	9.97	60.2	10.6	67.5	11.9	74.9	13.3
		18	38.1	7.10	45.5	8.26	52.8	9.49	56.5	10.1	60.2	10.8	67.5	12.2	74.9	13.6
		20	38.1	7.20	45.5	8.39	52.8	9.65	56.5	10.3	60.2	11.0	67.5	12.4	74.9	13.8
		21	38.1	7.25	45.5	8.46	52.8	9.73	56.5	10.4	60.2	11.1	67.5	12.5	74.9	14.0
		23	38.1	7.36	45.5	8.59	52.8	9.90	56.5	10.6	60.2	11.3	67.5	12.7	74.9	14.3
		25	38.1	7.48	45.5	8.74	52.8	10.1	56.5	10.8	60.2	11.6	67.5	13.4	74.9	15.2
		27	38.1	7.60	45.5	9.05	52.8	10.6	56.5	11.5	60.2	12.4	67.5	14.2	74.9	16.2
		29	38.1	8.03	45.5	9.59	52.8	11.3	56.5	12.2	60.2	13.1	67.5	15.1	74.9	17.3
		31	38.1	8.49	45.5	10.1	52.8	12.0	56.5	12.9	60.2	13.9	67.5	16.1	74.9	18.4
		33	38.1	8.96	45.5	10.7	52.8	12.7	56.5	13.7	60.2	14.8	67.5	17.1	74.9	19.5
		35	38.1	9.46	45.5	11.4	52.8	13.4	56.5	14.5	60.2	15.7	67.5	18.1	74.9	20.8
		37	38.1	9.98	45.5	12.0	52.8	14.2	56.5	15.4	60.2	16.6	67.5	19.2	74.9	22.1
		39	38.1	10.5	45.5	12.7	52.8	15.0	56.5	16.3	60.2	17.6	67.5	20.4	74.9	23.4

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

42HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,365	10	104	18.4	123	22.5	143	26.8	149	27.4	150	26.8	154	25.7	158	24.5
		12	104	18.8	123	23.0	143	27.3	147	27.2	149	26.7	152	25.5	156	25.1
		14	104	19.1	123	23.4	143	27.7	145	27.1	147	26.5	150	26.3	154	26.6
		16	104	19.5	123	23.9	141	27.5	143	27.3	145	27.5	148	27.7	152	28.0
		18	104	19.9	123	24.3	139	28.6	141	28.7	143	28.9	147	29.1	150	29.4
		20	104	20.3	123	25.9	137	30.0	139	30.1	141	30.3	145	30.6	148	30.9
		21	104	20.8	123	26.9	136	30.7	138	30.8	140	31.0	144	31.3	147	31.6
		23	104	22.3	123	28.8	134	32.1	136	32.2	138	32.4	142	32.7	145	33.1
		25	104	23.8	123	30.8	132	33.5	134	33.7	136	33.8	140	34.2	144	34.5
		27	104	25.5	123	33.0	130	34.9	132	35.1	134	35.3	138	35.6	142	36.0
		29	104	27.2	123	35.2	129	36.3	130	36.5	132	36.7	136	37.1	140	37.5
		31	104	29.0	123	37.3	127	37.7	128	37.9	130	38.1	134	38.5	138	39.0
		33	104	30.9	121	38.7	125	39.2	127	39.4	128	39.6	132	40.0	136	40.5
		35	104	32.9	119	40.1	123	40.6	125	40.8	126	41.0	130	41.5	134	42.0
		37	104	35.1	117	41.5	121	42.0	123	42.3	125	42.5	128	43.0	132	43.5
		39	104	37.3	115	43.0	119	43.5	121	43.7	123	44.0	126	44.5	130	45.0
120%	1,260	10	95.6	16.8	114	20.6	132	24.4	142	26.4	148	27.5	152	26.5	155	25.4
		12	95.6	17.1	114	20.9	132	24.9	142	26.9	146	27.4	150	26.3	153	25.3
		14	95.6	17.5	114	21.3	132	25.4	142	27.4	144	27.2	148	26.2	151	26.4
		16	95.6	17.8	114	21.8	132	25.9	141	27.6	142	27.3	146	27.5	149	27.8
		18	95.6	18.1	114	22.2	132	26.8	139	28.6	140	28.7	144	29.0	147	29.2
		20	95.6	18.5	114	23.1	132	28.8	137	30.0	139	30.1	142	30.4	145	30.6
		21	95.6	18.7	114	23.9	132	29.8	136	30.7	138	30.8	141	31.1	144	31.4
		23	95.6	19.9	114	25.6	132	31.9	134	32.0	136	32.2	139	32.5	143	32.8
		25	95.6	21.3	114	27.4	130	33.3	132	33.4	134	33.6	137	33.9	141	34.3
		27	95.6	22.7	114	29.3	128	34.7	130	34.9	132	35.0	135	35.4	139	35.7
		29	95.6	24.3	114	31.3	126	36.1	128	36.3	130	36.4	133	36.8	137	37.2
		31	95.6	25.9	114	33.4	125	37.5	126	37.7	128	37.9	131	38.3	135	38.6
		33	95.6	27.5	114	35.6	123	38.9	124	39.1	126	39.3	130	39.7	133	40.1
		35	95.6	29.3	114	38.0	121	40.3	122	40.5	124	40.8	128	41.2	131	41.6
		37	95.6	31.2	114	40.5	119	41.8	120	42.0	122	42.2	126	42.7	129	43.1
		39	95.6	33.2	113	42.7	117	43.2	119	43.4	120	43.7	124	44.1	127	44.6
110%	1,155	10	87.6	15.3	104	18.6	121	22.1	130	23.9	138	25.7	149	27.3	152	26.3
		12	87.6	15.6	104	19.0	121	22.5	130	24.3	138	26.2	147	27.1	150	26.2
		14	87.6	15.8	104	19.3	121	22.9	130	24.8	138	26.7	145	27.0	148	26.2
		16	87.6	16.1	104	19.7	121	23.4	130	25.3	138	27.2	143	27.4	146	27.6
		18	87.6	16.4	104	20.1	121	23.9	130	26.0	138	28.5	141	28.8	144	29.0
		20	87.6	16.8	104	20.5	121	25.3	130	27.9	136	29.9	139	30.2	143	30.4
		21	87.6	16.9	104	21.1	121	26.2	130	28.9	135	30.6	138	30.9	142	31.1
		23	87.6	17.7	104	22.6	121	28.1	130	31.0	133	32.0	136	32.3	140	32.5
		25	87.6	18.9	104	24.2	121	30.0	130	33.2	131	33.4	135	33.7	138	34.0
		27	87.6	20.2	104	25.8	121	32.1	128	34.6	129	34.8	133	35.1	136	35.4
		29	87.6	21.5	104	27.5	121	34.3	126	36.0	128	36.2	131	36.5	134	36.9
		31	87.6	22.9	104	29.4	121	36.7	124	37.4	126	37.6	129	38.0	132	38.3
		33	87.6	24.4	104	31.3	121	38.7	122	38.9	124	39.0	127	39.4	130	39.8
		35	87.6	25.9	104	33.4	119	40.1	120	40.3	122	40.5	125	40.9	128	41.2
		37	87.6	27.6	104	35.5	117	41.5	118	41.7	120	41.9	123	42.3	126	42.7
		39	87.6	29.3	104	37.8	115	42.9	116	43.1	118	43.3	121	43.8	124	44.2
100%	1,050	10	79.6	13.8	95.0	16.7	110	19.8	118	21.4	126	23.0	141	26.3	149	27.2
		12	79.6	14.0	95.0	17.0	110	20.2	118	21.8	126	23.4	141	26.8	147	27.1
		14	79.6	14.3	95.0	17.3	110	20.6	118	22.2	126	23.9	141	27.3	145	26.9
		16	79.6	14.5	95.0	17.7	110	21.0	118	22.6	126	24.4	141	27.7	143	27.4
		18	79.6	14.8	95.0	18.0	110	21.4	118	23.1	126	24.8	139	28.6	141	28.8
		20	79.6	15.1	95.0	18.4	110	22.0	118	24.3	126	26.6	137	29.9	140	30.2
		21	79.6	15.2	95.0	18.5	110	22.8	118	25.1	126	27.6	136	30.6	139	30.9
		23	79.6	15.6	95.0	19.8	110	24.4	118	26.9	126	29.6	134	32.0	137	32.3
		25	79.6	16.7	95.0	21.1	110	26.1	118	28.8	126	31.7	132	33.4	135	33.7
		27	79.6	17.8	95.0	22.6	110	27.9	118	30.8	126	33.9	130	34.8	133	35.1
		29	79.6	18.9	95.0	24.1	110	29.8	118	32.9	125	36.0	128	36.3	131	36.6
		31	79.6	20.1	95.0	25.6	110	31.8	118	35.2	123	37.4	126	37.7	129	38.0
		33	79.6	21.4	95.0	27.3	110	33.9	118	37.5	121	38.8	124	39.1	127	39.4
		35	79.6	22.8	95.0	29.1	110	36.2	118	40.0	119	40.2	122	40.5	125	40.9
		37	79.6	24.2	95.0	30.9	110	38.5	116	41.4	118	41.6	120	42.0	123	42.3
		39	79.6	25.7	95.0	32.9	110	41.0	114	42.8	116	43.0	118	43.4	121	43.8
90%	945	10	71.7	12.3	85.5	14.9	99.3	17.6	106	19.0	113	20.4	127	23.3	141	26.2
		12	71.7	12.5	85.5	15.1	99.3	17.9	106	19.3	113	20.8	127	23.7	141	26.7
		14	71.7	12.8	85.5	15.4	99.3	18.2	106	19.7	113	21.2	127	24.2	141	27.2
		16	71.7	13.0	85.5	15.7	99.3	18.6	106	20.1	113	21.6	127	24.6	140	27.7
		18	71.7	13.2	85.5	16.0	99.3	18.9	106	20.5	113	22.0	127	25.1	139	28.6
		20	71.7	13.5	85.5	16.3	99.3	19.3	106	20.9	113	22.8	127	27.0	137	29.9
		21	71.7	13.6	85.5	16.5	99.3	19.6	106	21.6	113	23.6	127	28.0	136	30.6
		23	71.7	13.9	85.5	17.2	99.3	21.0	106	23.1	113	25.3	127	30.0	134	32.0
		25	71.7	14.6	85.5	18.3	99.3	22.5	106	24.7	113	27.1	127	32.1	132	33.4
		27	71.7	15.5	85.5	19.5	99.3	24.0	106	26.4	113	29.0	127	34.4	130	34.8
		29	71.7	16.5	85.5	20.8	99.3	25.6	106	28.2	113	30.9	125	36.0	128	36.3
		31	71.7	17.6	85.5	22.2	99.3	27.3	106	30.1	113	33.0	124	37.4	126	37.7
		33	71.7	18.7	85.5	23.6	99.3	29.1	106	32.1	113	35.2	122	38.8	124	39.1
		35	71.7	19.8	85.5	25.1	99.3	31.0	106	34.2	113	37.5	120	40.2	122	40.5
		37	71.7	21.0	85.5	26.7	99.3	33.0	106	36.4	113	40.0	118	41.6	120	42.0
		39	71.7	22.3	85.5	28.3	99.3	35.1	106	38.8	113	42.6	116	43.1	118	43.4

3 Capacity tables

3 - 1 Cooling capacity tables

42HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	840	10	63.7	11.0	76.0	13.1	88.3	15.4	94.4	16.6	101	17.8	113	20.3	125	22.9
		12	63.7	11.1	76.0	13.3	88.3	15.7	94.4	16.9	101	18.1	113	20.7	125	23.3
		14	63.7	11.3	76.0	13.6	88.3	16.0	94.4	17.2	101	18.5	113	21.1	125	23.8
		16	63.7	11.5	76.0	13.8	88.3	16.3	94.4	17.5	101	18.8	113	21.5	125	24.2
		18	63.7	11.7	76.0	14.1	88.3	16.6	94.4	17.9	101	19.2	113	21.9	125	24.7
		20	63.7	11.9	76.0	14.3	88.3	16.9	94.4	18.2	101	19.6	113	22.7	125	26.4
		21	63.7	12.0	76.0	14.5	88.3	17.1	94.4	18.4	101	20.0	113	23.5	125	27.4
		23	63.7	12.2	76.0	14.8	88.3	17.9	94.4	19.6	101	21.4	113	25.2	125	29.4
		25	63.7	12.6	76.0	15.7	88.3	19.1	94.4	21.0	101	22.9	113	27.0	125	31.4
		27	63.7	13.4	76.0	16.7	88.3	20.4	94.4	22.4	101	24.4	113	28.8	125	33.6
		29	63.7	14.3	76.0	17.8	88.3	21.7	94.4	23.9	101	26.1	113	30.8	125	35.9
		31	63.7	15.2	76.0	18.9	88.3	23.1	94.4	25.4	101	27.8	113	32.9	123	37.3
		33	63.7	16.1	76.0	20.1	88.3	24.6	94.4	27.1	101	29.6	113	35.1	121	38.8
		35	63.7	17.1	76.0	21.4	88.3	26.2	94.4	28.8	101	31.5	113	37.4	119	40.2
		37	63.7	18.1	76.0	22.7	88.3	27.9	94.4	30.7	101	33.6	113	39.8	117	41.6
		39	63.7	19.2	76.0	24.1	88.3	29.6	94.4	32.6	101	35.7	113	42.4	115	43.0
70%	735	10	55.7	9.63	66.5	11.4	77.2	13.3	82.6	14.3	88.0	15.4	98.7	17.5	109	19.6
		12	55.7	9.78	66.5	11.6	77.2	13.6	82.6	14.6	88.0	15.6	98.7	17.8	109	20.0
		14	55.7	9.93	66.5	11.8	77.2	13.8	82.6	14.9	88.0	15.9	98.7	18.1	109	20.4
		16	55.7	10.1	66.5	12.0	77.2	14.1	82.6	15.1	88.0	16.2	98.7	18.5	109	20.8
		18	55.7	10.3	66.5	12.2	77.2	14.3	82.6	15.4	88.0	16.5	98.7	18.8	109	21.2
		20	55.7	10.4	66.5	12.4	77.2	14.6	82.6	15.7	88.0	16.8	98.7	19.2	109	21.8
		21	55.7	10.5	66.5	12.6	77.2	14.7	82.6	15.9	88.0	17.0	98.7	19.5	109	22.5
		23	55.7	10.7	66.5	12.8	77.2	15.0	82.6	16.4	88.0	17.8	98.7	20.9	109	24.1
		25	55.7	10.9	66.5	13.3	77.2	16.0	82.6	17.5	88.0	19.0	98.7	22.3	109	25.8
		27	55.7	11.5	66.5	14.2	77.2	17.1	82.6	18.7	88.0	20.3	98.7	23.8	109	27.6
		29	55.7	12.2	66.5	15.0	77.2	18.2	82.6	19.9	88.0	21.6	98.7	25.4	109	29.5
		31	55.7	13.0	66.5	16.0	77.2	19.3	82.6	21.2	88.0	23.0	98.7	27.1	109	31.4
		33	55.7	13.7	66.5	17.0	77.2	20.6	82.6	22.5	88.0	24.5	98.7	28.8	109	33.5
		35	55.7	14.5	66.5	18.0	77.2	21.9	82.6	23.9	88.0	26.1	98.7	30.7	109	35.7
		37	55.7	15.4	66.5	19.1	77.2	23.2	82.6	25.4	88.0	27.7	98.7	32.7	109	38.1
		39	55.7	16.3	66.5	20.2	77.2	24.6	82.6	27.0	88.0	29.5	98.7	34.8	109	40.5
60%	630	10	47.8	8.38	57.0	9.83	66.2	11.4	70.8	12.2	75.4	13.0	84.6	14.7	93.8	16.5
		12	47.8	8.50	57.0	9.98	66.2	11.6	70.8	12.4	75.4	13.2	84.6	15.0	93.8	16.8
		14	47.8	8.62	57.0	10.1	66.2	11.8	70.8	12.6	75.4	13.5	84.6	15.2	93.8	17.1
		16	47.8	8.75	57.0	10.3	66.2	12.0	70.8	12.8	75.4	13.7	84.6	15.5	93.8	17.4
		18	47.8	8.88	57.0	10.5	66.2	12.2	70.8	13.1	75.4	14.0	84.6	15.8	93.8	17.8
		20	47.8	9.02	57.0	10.7	66.2	12.4	70.8	13.3	75.4	14.2	84.6	16.1	93.8	18.1
		21	47.8	9.09	57.0	10.7	66.2	12.5	70.8	13.4	75.4	14.4	84.6	16.3	93.8	18.3
		23	47.8	9.24	57.0	10.9	66.2	12.7	70.8	13.7	75.4	14.6	84.6	16.9	93.8	19.4
		25	47.8	9.40	57.0	11.1	66.2	13.2	70.8	14.4	75.4	15.5	84.6	18.1	93.8	20.8
		27	47.8	9.74	57.0	11.8	66.2	14.1	70.8	15.3	75.4	16.6	84.6	19.3	93.8	22.2
		29	47.8	10.3	57.0	12.5	66.2	15.0	70.8	16.3	75.4	17.6	84.6	20.5	93.8	23.6
		31	47.8	10.9	57.0	13.3	66.2	15.9	70.8	17.3	75.4	18.8	84.6	21.9	93.8	25.2
		33	47.8	11.6	57.0	14.1	66.2	16.9	70.8	18.4	75.4	19.9	84.6	23.2	93.8	26.8
		35	47.8	12.2	57.0	14.9	66.2	17.9	70.8	19.5	75.4	21.2	84.6	24.7	93.8	28.6
		37	47.8	12.9	57.0	15.8	66.2	19.0	70.8	20.7	75.4	22.5	84.6	26.3	93.8	30.4
		39	47.8	13.6	57.0	16.7	66.2	20.1	70.8	22.0	75.4	23.9	84.6	27.9	93.8	32.3
50%	525	10	39.8	7.20	47.5	8.33	55.2	9.54	59.0	10.2	62.8	10.8	70.5	12.1	78.2	13.5
		12	39.8	7.29	47.5	8.45	55.2	9.68	59.0	10.3	62.8	11.0	70.5	12.3	78.2	13.7
		14	39.8	7.39	47.5	8.57	55.2	9.83	59.0	10.5	62.8	11.2	70.5	12.5	78.2	14.0
		16	39.8	7.49	47.5	8.70	55.2	9.99	59.0	10.7	62.8	11.3	70.5	12.8	78.2	14.2
		18	39.8	7.59	47.5	8.83	55.2	10.2	59.0	10.8	62.8	11.5	70.5	13.0	78.2	14.5
		20	39.8	7.70	47.5	8.97	55.2	10.3	59.0	11.0	62.8	11.7	70.5	13.2	78.2	14.8
		21	39.8	7.76	47.5	9.04	55.2	10.4	59.0	11.1	62.8	11.8	70.5	13.4	78.2	14.9
		23	39.8	7.87	47.5	9.19	55.2	10.6	59.0	11.3	62.8	12.1	70.5	13.6	78.2	15.3
		25	39.8	7.99	47.5	9.34	55.2	10.8	59.0	11.6	62.8	12.4	70.5	14.3	78.2	16.3
		27	39.8	8.12	47.5	9.68	55.2	11.4	59.0	12.3	62.8	13.2	70.5	15.2	78.2	17.4
		29	39.8	8.59	47.5	10.3	55.2	12.1	59.0	13.0	62.8	14.0	70.5	16.2	78.2	18.5
		31	39.8	9.08	47.5	10.9	55.2	12.8	59.0	13.8	62.8	14.9	70.5	17.2	78.2	19.7
		33	39.8	9.59	47.5	11.5	55.2	13.6	59.0	14.7	62.8	15.8	70.5	18.3	78.2	20.9
		35	39.8	10.1	47.5	12.1	55.2	14.4	59.0	15.5	62.8	16.8	70.5	19.4	78.2	22.2
		37	39.8	10.7	47.5	12.8	55.2	15.2	59.0	16.5	62.8	17.8	70.5	20.6	78.2	23.6
		39	39.8	11.3	47.5	13.6	55.2	16.1	59.0	17.4	62.8	18.8	70.5	21.8	78.2	25.1

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

44HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,430	10	109	19.0	130	23.2	151	27.6	156	28.2	158	27.6	162	26.5	166	25.3
		12	109	19.3	130	23.7	151	28.1	154	28.1	156	27.5	160	26.3	164	25.9
		14	109	19.7	130	24.1	150	28.5	152	27.9	154	27.3	158	27.1	162	27.4
		16	109	20.1	130	24.6	148	28.4	150	28.2	152	28.3	156	28.6	160	28.8
		18	109	20.5	130	25.1	146	29.4	148	29.6	150	29.7	154	30.0	158	30.3
		20	109	20.9	130	26.7	144	30.9	146	31.0	148	31.2	152	31.5	156	31.8
		21	109	21.4	130	27.7	143	31.6	145	31.8	147	31.9	151	32.2	155	32.5
		23	109	23.0	130	29.7	141	33.0	143	33.2	145	33.4	149	33.7	153	34.1
		25	109	24.6	130	31.8	139	34.5	141	34.7	143	34.8	147	35.2	151	35.6
		27	109	26.2	130	34.0	137	35.9	139	36.1	141	36.3	145	36.7	149	37.1
		29	109	28.0	130	36.3	135	37.4	137	37.6	139	37.8	143	38.2	147	38.6
		31	109	29.9	129	38.4	133	38.9	135	39.1	137	39.3	141	39.7	145	40.1
		33	109	31.8	127	39.9	131	40.3	133	40.6	135	40.8	139	41.2	143	41.7
		35	109	33.9	125	41.3	129	41.8	131	42.0	133	42.3	137	42.8	141	43.2
		37	109	36.1	123	42.8	127	43.3	129	43.5	131	43.8	135	44.3	139	44.8
		39	109	38.4	121	44.3	125	44.8	127	45.0	129	45.3	133	45.8	137	46.4
120%	1,320	10	100	17.3	120	21.2	139	25.2	149	27.2	156	28.3	159	27.3	163	26.2
		12	100	17.6	120	21.6	139	25.7	149	27.7	154	28.2	157	27.1	161	26.0
		14	100	18.0	120	22.0	139	26.1	149	28.3	152	28.1	155	27.0	159	27.2
		16	100	18.3	120	22.4	139	26.7	148	28.5	150	28.1	153	28.4	157	28.6
		18	100	18.7	120	22.9	139	27.6	146	29.4	148	29.6	151	29.8	155	30.1
		20	100	19.0	120	23.8	139	29.6	144	30.9	146	31.0	149	31.3	153	31.6
		21	100	19.2	120	24.6	139	30.7	143	31.6	145	31.7	148	32.0	152	32.3
		23	100	20.5	120	26.4	139	32.9	141	33.0	143	33.2	146	33.5	150	33.8
		25	100	21.9	120	28.2	137	34.3	139	34.5	141	34.6	144	34.9	148	35.3
		27	100	23.4	120	30.2	135	35.7	137	35.9	139	36.1	142	36.4	146	36.8
		29	100	25.0	120	32.2	133	37.2	135	37.4	137	37.5	140	37.9	144	38.3
		31	100	26.6	120	34.4	131	38.6	133	38.8	134	39.0	138	39.4	142	39.8
		33	100	28.4	120	36.7	129	40.1	131	40.3	132	40.5	136	40.9	140	41.3
		35	100	30.2	120	39.1	127	41.5	129	41.8	130	42.0	134	42.4	138	42.9
		37	100	32.1	120	41.7	125	43.0	127	43.2	128	43.5	132	43.9	136	44.4
		39	100	34.2	119	44.0	123	44.5	125	44.7	126	45.0	130	45.5	134	45.9
110%	1,210	10	92.1	15.7	110	19.2	128	22.8	136	24.6	145	26.5	157	28.1	160	27.1
		12	92.1	16.0	110	19.5	128	23.2	136	25.1	145	27.0	154	28.0	158	27.0
		14	92.1	16.3	110	19.9	128	23.6	136	25.6	145	27.5	152	27.8	156	27.0
		16	92.1	16.6	110	20.3	128	24.1	136	26.0	145	28.0	150	28.2	154	28.4
		18	92.1	16.9	110	20.7	128	24.6	136	26.8	145	29.4	148	29.6	152	29.9
		20	92.1	17.3	110	21.1	128	26.0	136	28.8	143	30.8	146	31.1	150	31.3
		21	92.1	17.4	110	21.7	128	27.0	136	29.8	142	31.5	145	31.8	149	32.1
		23	92.1	18.2	110	23.3	128	28.9	136	32.0	140	33.0	143	33.2	147	33.5
		25	92.1	19.5	110	24.9	128	30.9	136	34.2	138	34.4	141	34.7	145	35.0
		27	92.1	20.8	110	26.6	128	33.1	134	35.7	136	35.8	139	36.2	143	36.5
		29	92.1	22.2	110	28.4	128	35.4	132	37.1	134	37.3	137	37.6	141	38.0
		31	92.1	23.6	110	30.3	128	37.8	130	38.6	132	38.7	135	39.1	139	39.5
		33	92.1	25.1	110	32.3	127	39.8	128	40.0	130	40.2	133	40.6	137	41.0
		35	92.1	26.7	110	34.4	125	41.3	126	41.5	128	41.7	131	42.1	135	42.5
		37	92.1	28.4	110	36.6	123	42.7	124	42.9	126	43.2	129	43.6	133	44.0
		39	92.1	30.2	110	39.0	121	44.2	122	44.4	124	44.6	127	45.1	131	45.5
100%	1,100	10	83.7	14.2	99.8	17.2	116	20.4	124	22.0	132	23.7	148	27.1	157	28.0
		12	83.7	14.4	99.8	17.5	116	20.8	124	22.5	132	24.1	148	27.6	155	27.9
		14	83.7	14.7	99.8	17.9	116	21.2	124	22.9	132	24.6	148	28.1	153	27.7
		16	83.7	15.0	99.8	18.2	116	21.6	124	23.3	132	25.1	148	28.5	151	28.2
		18	83.7	15.2	99.8	18.5	116	22.0	124	23.8	132	25.6	146	29.4	149	29.6
		20	83.7	15.5	99.8	18.9	116	22.7	124	25.0	132	27.4	144	30.8	147	31.1
		21	83.7	15.7	99.8	19.1	116	23.5	124	25.9	132	28.4	143	31.6	146	31.8
		23	83.7	16.1	99.8	20.4	116	25.1	124	27.7	132	30.4	141	33.0	144	33.3
		25	83.7	17.2	99.8	21.8	116	26.9	124	29.7	132	32.6	139	34.4	142	34.7
		27	83.7	18.3	99.8	23.2	116	28.8	124	31.7	132	34.9	137	35.9	140	36.2
		29	83.7	19.5	99.8	24.8	116	30.7	124	33.9	132	37.0	135	37.3	138	37.7
		31	83.7	20.7	99.8	26.4	116	32.8	124	36.2	130	38.5	133	38.8	136	39.1
		33	83.7	22.1	99.8	28.1	116	34.9	124	38.6	128	39.9	131	40.3	134	40.6
		35	83.7	23.5	99.8	29.9	116	37.2	124	41.2	126	41.4	129	41.7	132	42.1
		37	83.7	24.9	99.8	31.9	116	39.7	122	42.7	123	42.8	127	43.2	130	43.6
		39	83.7	26.5	99.8	33.9	116	42.3	120	44.1	121	44.3	124	44.7	128	45.1
90%	990	10	75.3	12.7	89.8	15.3	104	18.1	112	19.5	119	21.0	133	24.0	148	27.0
		12	75.3	12.9	89.8	15.6	104	18.4	112	19.9	119	21.4	133	24.4	148	27.5
		14	75.3	13.1	89.8	15.9	104	18.8	112	20.3	119	21.8	133	24.9	148	28.1
		16	75.3	13.4	89.8	16.2	104	19.1	112	20.7	119	22.2	133	25.4	148	28.5
		18	75.3	13.6	89.8	16.5	104	19.5	112	21.1	119	22.7	133	25.9	146	29.4
		20	75.3	13.9	89.8	16.8	104	19.9	112	21.5	119	23.5	133	27.8	144	30.8
		21	75.3	14.0	89.8	17.0	104	20.2	112	22.2	119	24.3	133	28.8	143	31.6
		23	75.3	14.3	89.8	17.7	104	21.7	112	23.8	119	26.1	133	30.9	141	33.0
		25	75.3	15.0	89.8	18.9	104	23.2	112	25.5	119	27.9	133	33.1	139	34.4
		27	75.3	16.0	89.8	20.1	104	24.7	112	27.2	119	29.8	133	35.4	137	35.9
		29	75.3	17.0	89.8	21.4	104	26.4	112	29.0	119	31.9	132	37.1	135	37.3
		31	75.3	18.1	89.8	22.8	104	28.1	112	31.0	119	34.0	130	38.5	133	38.8
		33	75.3	19.2	89.8	24.3	104	30.0	112	33.0	119	36.3	128	40.0	130	40.3
		35	75.3	20.4	89.8	25.8	104	31.9	112	35.2	119	38.7	126	41.4	128	41.7
		37	75.3	21.7	89.8	27.5	104	34.0	112	37.5	119	41.2	124	42.9	126	43.2
		39	75.3	23.0	89.8	29.2	104	36.1	112	39.9	119	43.9	122	44.3	124	44.7

3 Capacity tables

3 - 1 Cooling capacity tables

44HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	880	10	66.9	11.3	79.8	13.5	92.7	15.9	99.2	17.1	106	18.4	119	20.9	131	23.6
		12	66.9	11.5	79.8	13.7	92.7	16.2	99.2	17.4	106	18.7	119	21.3	131	24.0
		14	66.9	11.7	79.8	14.0	92.7	16.5	99.2	17.7	106	19.0	119	21.7	131	24.5
		16	66.9	11.8	79.8	14.2	92.7	16.8	99.2	18.1	106	19.4	119	22.1	131	25.0
		18	66.9	12.1	79.8	14.5	92.7	17.1	99.2	18.4	106	19.8	119	22.6	131	25.5
		20	66.9	12.3	79.8	14.8	92.7	17.4	99.2	18.8	106	20.2	119	23.4	131	27.2
		21	66.9	12.4	79.8	14.9	92.7	17.6	99.2	19.0	106	20.6	119	24.2	131	28.2
		23	66.9	12.6	79.8	15.2	92.7	18.4	99.2	20.2	106	22.0	119	26.0	131	30.2
		25	66.9	13.0	79.8	16.2	92.7	19.7	99.2	21.6	106	23.6	119	27.8	131	32.4
		27	66.9	13.8	79.8	17.2	92.7	21.0	99.2	23.0	106	25.2	119	29.7	131	34.6
		29	66.9	14.7	79.8	18.3	92.7	22.4	99.2	24.6	106	26.8	119	31.7	131	37.0
		31	66.9	15.6	79.8	19.5	92.7	23.8	99.2	26.2	106	28.6	119	33.9	129	38.5
		33	66.9	16.6	79.8	20.7	92.7	25.4	99.2	27.9	106	30.5	119	36.1	127	39.9
		35	66.9	17.6	79.8	22.0	92.7	27.0	99.2	29.7	106	32.5	119	38.5	125	41.4
		37	66.9	18.6	79.8	23.4	92.7	28.7	99.2	31.6	106	34.6	119	41.0	123	42.8
		39	66.9	19.7	79.8	24.8	92.7	30.5	99.2	33.6	106	36.8	119	43.7	121	44.3
70%	770	10	58.6	9.92	69.9	11.8	81.2	13.7	86.8	14.8	92.4	15.8	104	18.0	115	20.2
		12	58.6	10.1	69.9	12.0	81.2	14.0	86.8	15.0	92.4	16.1	104	18.3	115	20.6
		14	58.6	10.2	69.9	12.2	81.2	14.2	86.8	15.3	92.4	16.4	104	18.6	115	21.0
		16	58.6	10.4	69.9	12.4	81.2	14.5	86.8	15.6	92.4	16.7	104	19.0	115	21.4
		18	58.6	10.6	69.9	12.6	81.2	14.7	86.8	15.9	92.4	17.0	104	19.4	115	21.8
		20	58.6	10.7	69.9	12.8	81.2	15.0	86.8	16.2	92.4	17.3	104	19.8	115	22.4
		21	58.6	10.8	69.9	12.9	81.2	15.2	86.8	16.3	92.4	17.5	104	20.1	115	23.2
		23	58.6	11.0	69.9	13.2	81.2	15.5	86.8	16.9	92.4	18.4	104	21.5	115	24.9
		25	58.6	11.2	69.9	13.7	81.2	16.5	86.8	18.0	92.4	19.6	104	23.0	115	26.6
		27	58.6	11.9	69.9	14.6	81.2	17.6	86.8	19.2	92.4	20.9	104	24.5	115	28.4
		29	58.6	12.6	69.9	15.5	81.2	18.7	86.8	20.5	92.4	22.3	104	26.2	115	30.4
		31	58.6	13.3	69.9	16.5	81.2	19.9	86.8	21.8	92.4	23.7	104	27.9	115	32.4
		33	58.6	14.1	69.9	17.5	81.2	21.2	86.8	23.2	92.4	25.3	104	29.7	115	34.5
		35	58.6	15.0	69.9	18.5	81.2	22.5	86.8	24.6	92.4	26.9	104	31.6	115	36.8
		37	58.6	15.9	69.9	19.7	81.2	23.9	86.8	26.2	92.4	28.6	104	33.7	115	39.2
		39	58.6	16.8	69.9	20.8	81.2	25.4	86.8	27.8	92.4	30.4	104	35.8	115	41.8
60%	660	10	50.2	8.63	59.9	10.1	69.6	11.7	74.4	12.5	79.2	13.4	88.9	15.2	98.6	17.0
		12	50.2	8.75	59.9	10.3	69.6	11.9	74.4	12.8	79.2	13.6	88.9	15.4	98.6	17.3
		14	50.2	8.88	59.9	10.4	69.6	12.1	74.4	13.0	79.2	13.9	88.9	15.7	98.6	17.6
		16	50.2	9.01	59.9	10.6	69.6	12.3	74.4	13.2	79.2	14.1	88.9	16.0	98.6	17.9
		18	50.2	9.15	59.9	10.8	69.6	12.5	74.4	13.4	79.2	14.4	88.9	16.3	98.6	18.3
		20	50.2	9.29	59.9	11.0	69.6	12.8	74.4	13.7	79.2	14.6	88.9	16.6	98.6	18.6
		21	50.2	9.37	59.9	11.1	69.6	12.9	74.4	13.8	79.2	14.8	88.9	16.8	98.6	18.8
		23	50.2	9.52	59.9	11.3	69.6	13.1	74.4	14.1	79.2	15.1	88.9	17.4	98.6	20.0
		25	50.2	9.68	59.9	11.5	69.6	13.6	74.4	14.8	79.2	16.0	88.9	18.6	98.6	21.4
		27	50.2	10.0	59.9	12.2	69.6	14.5	74.4	15.8	79.2	17.1	88.9	19.8	98.6	22.8
		29	50.2	10.6	59.9	12.9	69.6	15.4	74.4	16.8	79.2	18.2	88.9	21.1	98.6	24.4
		31	50.2	11.3	59.9	13.7	69.6	16.4	74.4	17.8	79.2	19.3	88.9	22.5	98.6	26.0
		33	50.2	11.9	59.9	14.5	69.6	17.4	74.4	18.9	79.2	20.5	88.9	23.9	98.6	27.6
		35	50.2	12.6	59.9	15.4	69.6	18.4	74.4	20.1	79.2	21.8	88.9	25.5	98.6	29.4
		37	50.2	13.3	59.9	16.3	69.6	19.6	74.4	21.3	79.2	23.2	88.9	27.1	98.6	31.3
		39	50.2	14.1	59.9	17.2	69.6	20.7	74.4	22.6	79.2	24.6	88.9	28.8	98.6	33.3
50%	550	10	41.8	7.42	49.9	8.58	58.0	9.82	62.0	10.5	66.0	11.1	74.1	12.5	82.2	13.9
		12	41.8	7.51	49.9	8.70	58.0	10.0	62.0	10.6	66.0	11.3	74.1	12.7	82.2	14.2
		14	41.8	7.61	49.9	8.83	58.0	10.1	62.0	10.8	66.0	11.5	74.1	12.9	82.2	14.4
		16	41.8	7.71	49.9	8.96	58.0	10.3	62.0	11.0	66.0	11.7	74.1	13.1	82.2	14.7
		18	41.8	7.82	49.9	9.10	58.0	10.5	62.0	11.2	66.0	11.9	74.1	13.4	82.2	14.9
		20	41.8	7.93	49.9	9.24	58.0	10.6	62.0	11.4	66.0	12.1	74.1	13.6	82.2	15.2
		21	41.8	7.99	49.9	9.31	58.0	10.7	62.0	11.5	66.0	12.2	74.1	13.8	82.2	15.4
		23	41.8	8.11	49.9	9.47	58.0	10.9	62.0	11.7	66.0	12.4	74.1	14.0	82.2	15.7
		25	41.8	8.23	49.9	9.62	58.0	11.1	62.0	11.9	66.0	12.8	74.1	14.7	82.2	16.8
		27	41.8	8.37	49.9	9.97	58.0	11.7	62.0	12.6	66.0	13.6	74.1	15.7	82.2	17.9
		29	41.8	8.85	49.9	10.6	58.0	12.4	62.0	13.4	66.0	14.5	74.1	16.7	82.2	19.0
		31	41.8	9.35	49.9	11.2	58.0	13.2	62.0	14.3	66.0	15.4	74.1	17.7	82.2	20.3
		33	41.8	9.88	49.9	11.8	58.0	14.0	62.0	15.1	66.0	16.3	74.1	18.8	82.2	21.5
		35	41.8	10.4	49.9	12.5	58.0	14.8	62.0	16.0	66.0	17.3	74.1	20.0	82.2	22.9
		37	41.8	11.0	49.9	13.2	58.0	15.7	62.0	17.0	66.0	18.3	74.1	21.2	82.2	24.3
		39	41.8	11.6	49.9	14.0	58.0	16.6	62.0	18.0	66.0	19.4	74.1	22.5	82.2	25.8

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

46HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,495	10	114	20.9	136	25.6	158	30.4	164	31.1	166	30.4	170	29.2	174	27.8
		12	114	21.3	136	26.1	158	31.0	162	30.9	164	30.3	168	29.0	172	28.5
		14	114	21.7	136	26.6	157	31.4	160	30.8	162	30.1	166	29.9	170	30.1
		16	114	22.1	136	27.1	155	31.2	157	31.0	159	31.2	164	31.5	168	31.8
		18	114	22.5	136	27.6	153	32.4	155	32.6	157	32.8	161	33.1	166	33.4
		20	114	23.0	136	29.4	151	34.0	153	34.2	155	34.4	159	34.7	163	35.0
		21	114	23.6	136	30.5	150	34.8	152	35.0	154	35.2	158	35.5	162	35.9
		23	114	25.3	136	32.7	148	36.4	150	36.6	152	36.8	156	37.2	160	37.5
		25	114	27.1	136	35.0	146	38.0	148	38.2	150	38.4	154	38.8	158	39.2
		27	114	28.9	136	37.4	144	39.6	146	39.8	148	40.0	152	40.4	156	40.9
		29	114	30.9	136	40.0	142	41.2	144	41.4	146	41.6	150	42.1	154	42.5
		31	114	32.9	135	42.4	139	42.8	142	43.1	144	43.3	148	43.8	152	44.2
		33	114	35.1	133	43.9	137	44.4	139	44.7	141	44.9	146	45.4	150	45.9
		35	114	37.4	131	45.5	135	46.1	137	46.3	139	46.6	143	47.1	148	47.6
		37	114	39.8	129	47.1	133	47.7	135	48.0	137	48.3	141	48.8	145	49.4
		39	114	42.4	127	48.8	131	49.3	133	49.6	135	49.9	139	50.5	143	51.1
120%	1,380	10	105	19.1	126	23.3	146	27.7	156	30.0	163	31.2	167	30.1	171	28.9
		12	105	19.4	126	23.8	146	28.3	156	30.6	161	31.1	165	29.9	169	28.7
		14	105	19.8	126	24.2	146	28.8	156	31.1	159	30.9	163	29.7	167	29.9
		16	105	20.2	126	24.7	146	29.4	155	31.4	157	31.0	161	31.3	164	31.5
		18	105	20.6	126	25.2	146	30.4	153	32.4	155	32.6	159	32.9	162	33.2
		20	105	21.0	126	26.2	146	32.7	151	34.0	153	34.2	156	34.5	160	34.8
		21	105	21.2	126	27.1	146	33.8	150	34.8	152	34.9	155	35.3	159	35.6
		23	105	22.6	126	29.0	146	36.2	148	36.4	149	36.5	153	36.9	157	37.2
		25	105	24.2	126	31.1	144	37.8	145	38.0	147	38.1	151	38.5	155	38.9
		27	105	25.8	126	33.2	141	39.4	143	39.6	145	39.8	149	40.1	153	40.5
		29	105	27.5	126	35.5	139	41.0	141	41.2	143	41.4	147	41.8	151	42.2
		31	105	29.3	126	37.9	137	42.6	139	42.8	141	43.0	145	43.4	149	43.9
		33	105	31.3	126	40.4	135	44.2	137	44.4	139	44.6	143	45.1	146	45.5
		35	105	33.3	126	43.1	133	45.8	135	46.0	137	46.3	141	46.7	144	47.2
		37	105	35.4	126	45.9	131	47.4	133	47.6	135	47.9	138	48.4	142	48.9
		39	105	37.7	125	48.5	129	49.0	131	49.3	133	49.6	136	50.1	140	50.6
110%	1,265	10	96.5	17.3	115	21.1	134	25.1	143	27.1	152	29.2	164	31.0	168	29.9
		12	96.5	17.7	115	21.5	134	25.6	143	27.6	152	29.7	162	30.8	165	29.7
		14	96.5	18.0	115	21.9	134	26.0	143	28.2	152	30.3	160	30.6	163	29.7
		16	96.5	18.3	115	22.3	134	26.6	143	28.7	152	30.9	158	31.0	161	31.3
		18	96.5	18.7	115	22.8	134	27.1	143	29.5	152	32.4	156	32.6	159	32.9
		20	96.5	19.0	115	23.2	134	28.7	143	31.7	150	33.9	154	34.2	157	34.5
		21	96.5	19.2	115	23.9	134	29.7	143	32.8	149	34.7	152	35.0	156	35.3
		23	96.5	20.1	115	25.6	134	31.9	143	35.2	147	36.3	150	36.6	154	36.9
		25	96.5	21.5	115	27.4	134	34.1	143	37.7	145	37.9	148	38.2	152	38.6
		27	96.5	22.9	115	29.3	134	36.5	141	39.3	143	39.5	146	39.8	150	40.2
		29	96.5	24.4	115	31.3	134	39.0	139	40.9	141	41.1	144	41.5	147	41.8
		31	96.5	26.0	115	33.3	134	41.6	137	42.5	138	42.7	142	43.1	145	43.5
		33	96.5	27.7	115	35.5	133	43.9	135	44.1	136	44.3	140	44.7	143	45.1
		35	96.5	29.4	115	37.9	131	45.5	132	45.7	134	45.9	138	46.4	141	46.8
		37	96.5	31.3	115	40.3	129	47.1	130	47.3	132	47.6	136	48.0	139	48.5
		39	96.5	33.3	115	42.9	126	48.7	128	48.9	130	49.2	133	49.7	137	50.2
100%	1,150	10	87.7	15.6	105	19.0	122	22.5	130	24.3	138	26.1	155	29.8	164	30.9
		12	87.7	15.9	105	19.3	122	22.9	130	24.7	138	26.6	155	30.4	162	30.7
		14	87.7	16.2	105	19.7	122	23.3	130	25.2	138	27.1	155	31.0	160	30.6
		16	87.7	16.5	105	20.0	122	23.8	130	25.7	138	27.6	155	31.4	158	31.1
		18	87.7	16.8	105	20.4	122	24.3	130	26.2	138	28.2	153	32.4	156	32.7
		20	87.7	17.1	105	20.8	122	25.0	130	27.5	138	30.2	151	34.0	154	34.2
		21	87.7	17.3	105	21.0	122	25.9	130	28.5	138	31.3	150	34.8	153	35.0
		23	87.7	17.7	105	22.4	122	27.7	130	30.6	138	33.6	147	36.4	151	36.6
		25	87.7	18.9	105	24.0	122	29.6	130	32.7	138	35.9	145	38.0	148	38.3
		27	87.7	20.2	105	25.6	122	31.7	130	35.0	138	38.4	143	39.5	146	39.9
		29	87.7	21.5	105	27.3	122	33.8	130	37.4	138	40.8	141	41.2	144	41.5
		31	87.7	22.9	105	29.1	122	36.1	130	39.9	136	42.4	139	42.8	142	43.1
		33	87.7	24.3	105	31.0	122	38.5	130	42.6	134	44.0	137	44.4	140	44.8
		35	87.7	25.8	105	33.0	122	41.0	130	45.4	132	45.6	135	46.0	138	46.4
		37	87.7	27.5	105	35.1	122	43.7	128	47.0	129	47.2	133	47.6	136	48.1
		39	87.7	29.2	105	37.3	122	46.6	126	48.6	127	48.8	131	49.3	134	49.7
90%	1,035	10	79.0	14.0	94.2	16.9	109	19.9	117	21.5	125	23.1	140	26.4	155	29.8
		12	79.0	14.2	94.2	17.2	109	20.3	117	21.9	125	23.6	140	26.9	155	30.3
		14	79.0	14.5	94.2	17.5	109	20.7	117	22.3	125	24.0	140	27.4	155	30.9
		16	79.0	14.7	94.2	17.8	109	21.1	117	22.8	125	24.5	140	28.0	155	31.4
		18	79.0	15.0	94.2	18.2	109	21.5	117	23.2	125	25.0	140	28.5	153	32.4
		20	79.0	15.3	94.2	18.5	109	21.9	117	23.7	125	25.9	140	30.7	151	34.0
		21	79.0	15.4	94.2	18.7	109	22.3	117	24.5	125	26.8	140	31.8	149	34.8
		23	79.0	15.7	94.2	19.5	109	23.9	117	26.2	125	28.7	140	34.1	147	36.4
		25	79.0	16.6	94.2	20.8	109	25.5	117	28.1	125	30.7	140	36.5	145	37.9
		27	79.0	17.6	94.2	22.2	109	27.2	117	30.0	125	32.9	140	39.0	143	39.5
		29	79.0	18.8	94.2	23.6	109	29.1	117	32.0	125	35.1	138	40.8	141	41.1
		31	79.0	19.9	94.2	25.1	109	31.0	117	34.1	125	37.5	136	42.4	139	42.8
		33	79.0	21.2	94.2	26.8	109	33.0	117	36.4	125	40.0	134	44.0	137	44.4
		35	79.0	22.5	94.2	28.5	109	35.2	117	38.8	125	42.6	132	45.6	135	46.0
		37	79.0	23.9	94.2	30.3	109	37.4	117	41.3	125	45.4	130	47.2	133	47.6
		39	79.0	25.3	94.2	32.2	109	39.8	117	44.0	125	48.4	128	48.9	130	49.3

3 Capacity tables

3 - 1 Cooling capacity tables

46HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	920	10	70.2	12.4	83.7	14.9	97.2	17.5	104	18.8	111	20.2	124	23.1	138	26.0
		12	70.2	12.6	83.7	15.1	97.2	17.8	104	19.2	111	20.6	124	23.5	138	26.5
		14	70.2	12.8	83.7	15.4	97.2	18.1	104	19.5	111	21.0	124	23.9	138	27.0
		16	70.2	13.1	83.7	15.7	97.2	18.5	104	19.9	111	21.4	124	24.4	138	27.5
		18	70.2	13.3	83.7	16.0	97.2	18.8	104	20.3	111	21.8	124	24.9	138	28.0
		20	70.2	13.5	83.7	16.3	97.2	19.2	104	20.7	111	22.2	124	25.8	138	30.0
		21	70.2	13.6	83.7	16.4	97.2	19.4	104	20.9	111	22.7	124	26.7	138	31.1
		23	70.2	13.9	83.7	16.7	97.2	20.3	104	22.3	111	24.3	124	28.6	138	33.3
		25	70.2	14.3	83.7	17.8	97.2	21.7	104	23.8	111	26.0	124	30.6	138	35.7
		27	70.2	15.3	83.7	19.0	97.2	23.1	104	25.4	111	27.7	124	32.7	138	38.2
		29	70.2	16.2	83.7	20.2	97.2	24.7	104	27.1	111	29.6	124	35.0	138	40.8
		31	70.2	17.2	83.7	21.5	97.2	26.3	104	28.8	111	31.5	124	37.3	136	42.4
		33	70.2	18.3	83.7	22.8	97.2	28.0	104	30.7	111	33.6	124	39.8	134	44.0
		35	70.2	19.4	83.7	24.3	97.2	29.7	104	32.7	111	35.8	124	42.4	131	45.6
		37	70.2	20.5	83.7	25.8	97.2	31.6	104	34.8	111	38.1	124	45.2	129	47.2
		39	70.2	21.8	83.7	27.4	97.2	33.6	104	37.0	111	40.6	124	48.2	127	48.8
70%	805	10	61.4	10.9	73.2	13.0	85.1	15.1	91.0	16.3	96.9	17.4	109	19.8	121	22.3
		12	61.4	11.1	73.2	13.2	85.1	15.4	91.0	16.6	96.9	17.7	109	20.2	121	22.7
		14	61.4	11.3	73.2	13.4	85.1	15.7	91.0	16.9	96.9	18.1	109	20.5	121	23.1
		16	61.4	11.5	73.2	13.6	85.1	16.0	91.0	17.2	96.9	18.4	109	20.9	121	23.6
		18	61.4	11.6	73.2	13.9	85.1	16.3	91.0	17.5	96.9	18.7	109	21.3	121	24.0
		20	61.4	11.8	73.2	14.1	85.1	16.6	91.0	17.8	96.9	19.1	109	21.8	121	24.7
		21	61.4	11.9	73.2	14.3	85.1	16.7	91.0	18.0	96.9	19.3	109	22.1	121	25.6
		23	61.4	12.1	73.2	14.5	85.1	17.1	91.0	18.6	96.9	20.2	109	23.7	121	27.4
		25	61.4	12.4	73.2	15.1	85.1	18.2	91.0	19.9	96.9	21.6	109	25.3	121	29.3
		27	61.4	13.1	73.2	16.1	85.1	19.4	91.0	21.2	96.9	23.0	109	27.0	121	31.3
		29	61.4	13.9	73.2	17.1	85.1	20.6	91.0	22.6	96.9	24.6	109	28.8	121	33.4
		31	61.4	14.7	73.2	18.1	85.1	22.0	91.0	24.0	96.9	26.2	109	30.7	121	35.7
		33	61.4	15.6	73.2	19.3	85.1	23.3	91.0	25.5	96.9	27.8	109	32.7	121	38.1
		35	61.4	16.5	73.2	20.4	85.1	24.8	91.0	27.2	96.9	29.6	109	34.9	121	40.6
		37	61.4	17.5	73.2	21.7	85.1	26.3	91.0	28.9	96.9	31.5	109	37.1	121	43.2
		39	61.4	18.5	73.2	23.0	85.1	28.0	91.0	30.7	96.9	33.5	109	39.5	121	46.0
60%	690	10	52.6	9.51	62.8	11.2	72.9	12.9	78.0	13.8	83.1	14.8	93.2	16.7	103	18.7
		12	52.6	9.64	62.8	11.3	72.9	13.1	78.0	14.1	83.1	15.0	93.2	17.0	103	19.1
		14	52.6	9.78	62.8	11.5	72.9	13.3	78.0	14.3	83.1	15.3	93.2	17.3	103	19.4
		16	52.6	9.93	62.8	11.7	72.9	13.6	78.0	14.6	83.1	15.6	93.2	17.6	103	19.8
		18	52.6	10.1	62.8	11.9	72.9	13.8	78.0	14.8	83.1	15.8	93.2	18.0	103	20.2
		20	52.6	10.2	62.8	12.1	72.9	14.1	78.0	15.1	83.1	16.1	93.2	18.3	103	20.6
		21	52.6	10.3	62.8	12.2	72.9	14.2	78.0	15.2	83.1	16.3	93.2	18.5	103	20.8
		23	52.6	10.5	62.8	12.4	72.9	14.5	78.0	15.5	83.1	16.6	93.2	19.2	103	22.1
		25	52.6	10.7	62.8	12.6	72.9	15.0	78.0	16.3	83.1	17.6	93.2	20.5	103	23.6
		27	52.6	11.1	62.8	13.4	72.9	16.0	78.0	17.4	83.1	18.8	93.2	21.9	103	25.2
		29	52.6	11.7	62.8	14.2	72.9	17.0	78.0	18.5	83.1	20.0	93.2	23.3	103	26.8
		31	52.6	12.4	62.8	15.1	72.9	18.0	78.0	19.6	83.1	21.3	93.2	24.8	103	28.6
		33	52.6	13.1	62.8	16.0	72.9	19.2	78.0	20.8	83.1	22.6	93.2	26.4	103	30.5
		35	52.6	13.9	62.8	16.9	72.9	20.3	78.0	22.1	83.1	24.0	93.2	28.1	103	32.4
		37	52.6	14.7	62.8	17.9	72.9	21.5	78.0	23.5	83.1	25.5	93.2	29.8	103	34.5
		39	52.6	15.5	62.8	19.0	72.9	22.8	78.0	24.9	83.1	27.1	93.2	31.7	103	36.7
50%	575	10	43.9	8.17	52.3	9.46	60.8	10.8	65.0	11.5	69.2	12.3	77.7	13.8	86.1	15.3
		12	43.9	8.28	52.3	9.59	60.8	11.0	65.0	11.7	69.2	12.5	77.7	14.0	86.1	15.6
		14	43.9	8.39	52.3	9.73	60.8	11.2	65.0	11.9	69.2	12.7	77.7	14.2	86.1	15.9
		16	43.9	8.50	52.3	9.88	60.8	11.3	65.0	12.1	69.2	12.9	77.7	14.5	86.1	16.2
		18	43.9	8.62	52.3	10.0	60.8	11.5	65.0	12.3	69.2	13.1	77.7	14.8	86.1	16.5
		20	43.9	8.74	52.3	10.2	60.8	11.7	65.0	12.5	69.2	13.3	77.7	15.0	86.1	16.8
		21	43.9	8.81	52.3	10.3	60.8	11.8	65.0	12.6	69.2	13.4	77.7	15.2	86.1	16.9
		23	43.9	8.94	52.3	10.4	60.8	12.0	65.0	12.8	69.2	13.7	77.7	15.4	86.1	17.3
		25	43.9	9.07	52.3	10.6	60.8	12.2	65.0	13.1	69.2	14.1	77.7	16.2	86.1	18.5
		27	43.9	9.22	52.3	11.0	60.8	12.9	65.0	13.9	69.2	15.0	77.7	17.3	86.1	19.7
		29	43.9	9.75	52.3	11.6	60.8	13.7	65.0	14.8	69.2	15.9	77.7	18.4	86.1	21.0
		31	43.9	10.3	52.3	12.3	60.8	14.5	65.0	15.7	69.2	16.9	77.7	19.5	86.1	22.3
		33	43.9	10.9	52.3	13.0	60.8	15.4	65.0	16.7	69.2	18.0	77.7	20.7	86.1	23.7
		35	43.9	11.5	52.3	13.8	60.8	16.3	65.0	17.6	69.2	19.0	77.7	22.0	86.1	25.2
		37	43.9	12.1	52.3	14.6	60.8	17.3	65.0	18.7	69.2	20.2	77.7	23.4	86.1	26.8
		39	43.9	12.8	52.3	15.4	60.8	18.3	65.0	19.8	69.2	21.4	77.7	24.8	86.1	28.4

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 1 Cooling capacity tables

48HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,560	10	118	22.1	141	27.1	164	32.2	170	32.9	172	32.2	176	30.8	181	29.4
		12	118	22.5	141	27.6	164	32.8	168	32.7	170	32.0	174	30.6	179	30.2
		14	118	22.9	141	28.1	164	33.2	166	32.5	168	31.8	172	31.6	176	31.9
		16	118	23.4	141	28.6	161	33.0	163	32.8	166	33.0	170	33.3	174	33.6
		18	118	23.8	141	29.2	159	34.3	161	34.5	163	34.6	168	35.0	172	35.3
		20	118	24.3	141	31.1	157	36.0	159	36.2	161	36.3	165	36.7	170	37.1
		21	118	25.0	141	32.2	156	36.8	158	37.0	160	37.2	164	37.6	169	37.9
		23	118	26.8	141	34.6	154	38.5	156	38.7	158	38.9	162	39.3	166	39.7
		25	118	28.6	141	37.0	151	40.2	154	40.4	156	40.6	160	41.0	164	41.4
		27	118	30.6	141	39.6	149	41.9	151	42.1	153	42.3	158	42.8	162	43.2
		29	118	32.6	141	42.3	147	43.6	149	43.8	151	44.0	156	44.5	160	45.0
		31	118	34.8	141	44.8	145	45.3	147	45.5	149	45.8	153	46.3	158	46.8
		33	118	37.1	138	46.5	143	47.0	145	47.2	147	47.5	151	48.0	155	48.5
		35	118	39.5	136	48.2	140	48.7	143	49.0	145	49.3	149	49.8	153	50.4
		37	118	42.1	134	49.9	138	50.4	140	50.7	143	51.0	147	51.6	151	52.2
		39	118	44.8	132	51.6	136	52.2	138	52.5	140	52.8	145	53.4	149	54.0
120%	1,440	10	109	20.2	130	24.7	151	29.3	162	31.7	169	33.0	173	31.8	177	30.5
		12	109	20.6	130	25.1	151	29.9	162	32.3	167	32.9	171	31.6	175	30.3
		14	109	20.9	130	25.6	151	30.5	162	32.9	165	32.7	169	31.4	173	31.6
		16	109	21.3	130	26.1	151	31.1	161	33.2	163	32.8	167	33.0	171	33.3
		18	109	21.8	130	26.6	151	32.1	159	34.3	161	34.4	165	34.7	169	35.1
		20	109	22.2	130	27.7	151	34.5	157	35.9	158	36.1	162	36.4	166	36.8
		21	109	22.4	130	28.7	151	35.8	155	36.8	157	37.0	161	37.3	165	37.6
		23	109	23.9	130	30.7	151	38.3	153	38.5	155	38.6	159	39.0	163	39.4
		25	109	25.6	130	32.9	149	39.9	151	40.1	153	40.3	157	40.7	161	41.1
		27	109	27.3	130	35.1	147	41.6	149	41.8	151	42.0	155	42.4	159	42.8
		29	109	29.1	130	37.5	145	43.3	147	43.5	149	43.7	153	44.2	156	44.6
		31	109	31.0	130	40.1	142	45.0	144	45.2	146	45.5	150	45.9	154	46.4
		33	109	33.1	130	42.7	140	46.7	142	46.9	144	47.2	148	47.7	152	48.1
		35	109	35.2	130	45.6	138	48.4	140	48.7	142	48.9	146	49.4	150	49.9
		37	109	37.4	130	48.5	136	50.1	138	50.4	140	50.6	144	51.2	148	51.7
		39	109	39.8	130	51.3	134	51.8	136	52.1	138	52.4	142	53.0	146	53.5
110%	1,320	10	100	18.3	120	22.3	139	26.5	149	28.7	158	30.8	170	32.7	174	31.6
		12	100	18.7	120	22.7	139	27.0	149	29.2	158	31.4	168	32.6	172	31.4
		14	100	19.0	120	23.2	139	27.5	149	29.8	158	32.0	166	32.4	170	31.4
		16	100	19.4	120	23.6	139	28.1	149	30.3	158	32.6	164	32.8	167	33.1
		18	100	19.7	120	24.1	139	28.6	149	31.2	158	34.2	162	34.5	165	34.8
		20	100	20.1	120	24.6	139	30.3	149	33.5	156	35.9	159	36.2	163	36.5
		21	100	20.3	120	25.3	139	31.4	149	34.7	155	36.7	158	37.0	162	37.3
		23	100	21.3	120	27.1	139	33.7	149	37.2	153	38.4	156	38.7	160	39.1
		25	100	22.7	120	29.0	139	36.1	149	39.9	150	40.1	154	40.4	158	40.8
		27	100	24.2	120	31.0	139	38.6	146	41.6	148	41.8	152	42.1	155	42.5
		29	100	25.8	120	33.1	139	41.2	144	43.2	146	43.4	150	43.8	153	44.2
		31	100	27.5	120	35.3	139	44.0	142	44.9	144	45.1	147	45.6	151	46.0
		33	100	29.3	120	37.6	138	46.4	140	46.6	142	46.8	145	47.3	149	47.7
		35	100	31.1	120	40.0	136	48.1	138	48.3	139	48.6	143	49.0	147	49.5
		37	100	33.1	120	42.6	134	49.8	135	50.0	137	50.3	141	50.8	144	51.3
		39	100	35.2	120	45.4	131	51.5	133	51.8	135	52.0	139	52.5	142	53.0
100%	1,200	10	91.1	16.5	109	20.1	126	23.8	135	25.7	144	27.6	161	31.6	171	32.7
		12	91.1	16.8	109	20.4	126	24.2	135	26.2	144	28.1	161	32.2	168	32.5
		14	91.1	17.1	109	20.8	126	24.7	135	26.7	144	28.7	161	32.8	166	32.3
		16	91.1	17.4	109	21.2	126	25.1	135	27.2	144	29.2	161	33.2	164	32.8
		18	91.1	17.8	109	21.6	126	25.6	135	27.7	144	29.8	159	34.3	162	34.5
		20	91.1	18.1	109	22.0	126	26.4	135	29.1	144	31.9	156	35.9	160	36.2
		21	91.1	18.3	109	22.3	126	27.4	135	30.1	144	33.1	155	36.8	159	37.1
		23	91.1	18.8	109	23.7	126	29.3	135	32.3	144	35.5	153	38.4	156	38.7
		25	91.1	20.0	109	25.4	126	31.3	135	34.6	144	38.0	151	40.1	154	40.4
		27	91.1	21.3	109	27.1	126	33.5	135	37.0	144	40.6	149	41.8	152	42.2
		29	91.1	22.7	109	28.9	126	35.8	135	39.5	143	43.1	147	43.5	150	43.9
		31	91.1	24.2	109	30.8	126	38.2	135	42.2	141	44.8	144	45.2	148	45.6
		33	91.1	25.7	109	32.8	126	40.7	135	45.0	139	46.5	142	46.9	145	47.3
		35	91.1	27.3	109	34.9	126	43.4	135	48.0	137	48.2	140	48.6	143	49.1
		37	91.1	29.0	109	37.1	126	46.2	133	49.7	134	49.9	138	50.4	141	50.8
		39	91.1	30.8	109	39.5	126	49.2	131	51.4	132	51.6	136	52.1	139	52.6
90%	1,080	10	82.0	14.8	97.8	17.9	114	21.1	122	22.8	129	24.5	145	27.9	161	31.5
		12	82.0	15.1	97.8	18.2	114	21.5	122	23.2	129	24.9	145	28.5	161	32.1
		14	82.0	15.3	97.8	18.5	114	21.9	122	23.6	129	25.4	145	29.0	161	32.7
		16	82.0	15.6	97.8	18.8	114	22.3	122	24.1	129	25.9	145	29.6	161	33.2
		18	82.0	15.9	97.8	19.2	114	22.7	122	24.5	129	26.4	145	30.2	159	34.3
		20	82.0	16.2	97.8	19.6	114	23.2	122	25.0	129	27.4	145	32.4	156	35.9
		21	82.0	16.3	97.8	19.8	114	23.6	122	25.9	129	28.3	145	33.6	155	36.8
		23	82.0	16.6	97.8	20.6	114	25.2	122	27.7	129	30.4	145	36.0	153	38.4
		25	82.0	17.5	97.8	22.0	114	27.0	122	29.7	129	32.5	145	38.6	151	40.1
		27	82.0	18.6	97.8	23.4	114	28.8	122	31.7	129	34.7	145	41.3	149	41.8
		29	82.0	19.8	97.8	25.0	114	30.7	122	33.8	129	37.1	143	43.2	146	43.5
		31	82.0	21.1	97.8	26.6	114	32.8	122	36.1	129	39.6	141	44.9	144	45.2
		33	82.0	22.4	97.8	28.3	114	34.9	122	38.5	129	42.2	139	46.6	142	46.9
		35	82.0	23.8	97.8	30.1	114	37.2	122	41.0	129	45.0	137	48.2	140	48.6
		37	82.0	25.2	97.8	32.0	114	39.6	122	43.7	129	48.0	135	50.0	138	50.4
		39	82.0	26.8	97.8	34.0	114	42.1	122	46.5	129	51.1	133	51.7	135	52.1

3 Capacity tables

3 - 1 Cooling capacity tables

48HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp. °CDB	Indoor air temperature: °CWB													
			14,0		16,0		18,0		19,0		20,0		22,0		24,0	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	960	10	72.9	13.1	86.9	15.7	101	18.5	108	19.9	115	21.4	129	24.4	143	27.5
		12	72.9	13.4	86.9	16.0	101	18.8	108	20.3	115	21.8	129	24.8	143	28.0
		14	72.9	13.6	86.9	16.3	101	19.2	108	20.7	115	22.2	129	25.3	143	28.5
		16	72.9	13.8	86.9	16.6	101	19.5	108	21.0	115	22.6	129	25.8	143	29.1
		18	72.9	14.0	86.9	16.9	101	19.9	108	21.5	115	23.0	129	26.3	143	29.7
		20	72.9	14.3	86.9	17.2	101	20.3	108	21.9	115	23.5	129	27.3	143	31.7
		21	72.9	14.4	86.9	17.4	101	20.5	108	22.1	115	24.0	129	28.2	143	32.9
		23	72.9	14.7	86.9	17.7	101	21.5	108	23.5	115	25.7	129	30.3	143	35.2
		25	72.9	15.2	86.9	18.8	101	22.9	108	25.1	115	27.4	129	32.4	143	37.7
		27	72.9	16.1	86.9	20.1	101	24.5	108	26.8	115	29.3	129	34.6	143	40.4
		29	72.9	17.1	86.9	21.4	101	26.1	108	28.6	115	31.3	129	37.0	143	43.1
		31	72.9	18.2	86.9	22.7	101	27.8	108	30.5	115	33.4	129	39.5	141	44.8
		33	72.9	19.3	86.9	24.2	101	29.6	108	32.5	115	35.5	129	42.1	139	46.5
		35	72.9	20.5	86.9	25.7	101	31.5	108	34.6	115	37.9	129	44.9	137	48.2
		37	72.9	21.7	86.9	27.3	101	33.4	108	36.8	115	40.3	129	47.8	134	49.9
		39	72.9	23.0	86.9	28.9	101	35.6	108	39.1	115	42.9	129	50.9	132	51.6
70%	840	10	63.8	11.6	76.1	13.7	88.4	16.0	94.5	17.2	101	18.4	113	20.9	125	23.5
		12	63.8	11.7	76.1	13.9	88.4	16.3	94.5	17.5	101	18.8	113	21.3	125	24.0
		14	63.8	11.9	76.1	14.2	88.4	16.6	94.5	17.8	101	19.1	113	21.7	125	24.4
		16	63.8	12.1	76.1	14.4	88.4	16.9	94.5	18.1	101	19.5	113	22.1	125	24.9
		18	63.8	12.3	76.1	14.7	88.4	17.2	94.5	18.5	101	19.8	113	22.6	125	25.4
		20	63.8	12.5	76.1	14.9	88.4	17.5	94.5	18.8	101	20.2	113	23.0	125	26.1
		21	63.8	12.6	76.1	15.1	88.4	17.7	94.5	19.0	101	20.4	113	23.4	125	27.0
		23	63.8	12.8	76.1	15.4	88.4	18.0	94.5	19.7	101	21.4	113	25.0	125	29.0
		25	63.8	13.1	76.1	16.0	88.4	19.2	94.5	21.0	101	22.8	113	26.8	125	31.0
		27	63.8	13.8	76.1	17.0	88.4	20.5	94.5	22.4	101	24.4	113	28.6	125	33.1
		29	63.8	14.7	76.1	18.1	88.4	21.8	94.5	23.8	101	26.0	113	30.5	125	35.4
		31	63.8	15.5	76.1	19.2	88.4	23.2	94.5	25.4	101	27.7	113	32.5	125	37.7
		33	63.8	16.5	76.1	20.4	88.4	24.7	94.5	27.0	101	29.4	113	34.6	125	40.2
		35	63.8	17.4	76.1	21.6	88.4	26.2	94.5	28.7	101	31.3	113	36.9	125	42.9
		37	63.8	18.5	76.1	22.9	88.4	27.9	94.5	30.5	101	33.3	113	39.2	125	45.7
		39	63.8	19.5	76.1	24.3	88.4	29.6	94.5	32.4	101	35.4	113	41.8	125	48.7
60%	720	10	54.7	10.1	65.2	11.8	75.7	13.7	81.0	14.6	86.3	15.6	96.8	17.7	107	19.8
		12	54.7	10.2	65.2	12.0	75.7	13.9	81.0	14.9	86.3	15.9	96.8	18.0	107	20.1
		14	54.7	10.3	65.2	12.2	75.7	14.1	81.0	15.1	86.3	16.2	96.8	18.3	107	20.5
		16	54.7	10.5	65.2	12.4	75.7	14.4	81.0	15.4	86.3	16.4	96.8	18.6	107	20.9
		18	54.7	10.7	65.2	12.6	75.7	14.6	81.0	15.7	86.3	16.7	96.8	19.0	107	21.3
		20	54.7	10.8	65.2	12.8	75.7	14.9	81.0	16.0	86.3	17.1	96.8	19.4	107	21.7
		21	54.7	10.9	65.2	12.9	75.7	15.0	81.0	16.1	86.3	17.2	96.8	19.5	107	21.9
		23	54.7	11.1	65.2	13.1	75.7	15.3	81.0	16.4	86.3	17.6	96.8	20.3	107	23.3
		25	54.7	11.3	65.2	13.4	75.7	15.9	81.0	17.2	86.3	18.7	96.8	21.7	107	24.9
		27	54.7	11.7	65.2	14.2	75.7	16.9	81.0	18.4	86.3	19.9	96.8	23.1	107	26.6
		29	54.7	12.4	65.2	15.0	75.7	18.0	81.0	19.5	86.3	21.2	96.8	24.6	107	28.4
		31	54.7	13.1	65.2	15.9	75.7	19.1	81.0	20.8	86.3	22.5	96.8	26.2	107	30.2
		33	54.7	13.9	65.2	16.9	75.7	20.2	81.0	22.0	86.3	23.9	96.8	27.9	107	32.2
		35	54.7	14.7	65.2	17.9	75.7	21.5	81.0	23.4	86.3	25.4	96.8	29.7	107	34.3
		37	54.7	15.5	65.2	19.0	75.7	22.8	81.0	24.8	86.3	27.0	96.8	31.5	107	36.5
		39	54.7	16.4	65.2	20.1	75.7	24.2	81.0	26.3	86.3	28.6	96.8	33.5	107	38.8
50%	600	10	45.6	8.64	54.3	10.0	63.1	11.4	67.5	12.2	71.9	13.0	80.7	14.6	89.4	16.2
		12	45.6	8.75	54.3	10.1	63.1	11.6	67.5	12.4	71.9	13.2	80.7	14.8	89.4	16.5
		14	45.6	8.87	54.3	10.3	63.1	11.8	67.5	12.6	71.9	13.4	80.7	15.1	89.4	16.8
		16	45.6	8.99	54.3	10.4	63.1	12.0	67.5	12.8	71.9	13.6	80.7	15.3	89.4	17.1
		18	45.6	9.11	54.3	10.6	63.1	12.2	67.5	13.0	71.9	13.8	80.7	15.6	89.4	17.4
		20	45.6	9.24	54.3	10.8	63.1	12.4	67.5	13.2	71.9	14.1	80.7	15.9	89.4	17.7
		21	45.6	9.31	54.3	10.9	63.1	12.5	67.5	13.3	71.9	14.2	80.7	16.0	89.4	17.9
		23	45.6	9.45	54.3	11.0	63.1	12.7	67.5	13.6	71.9	14.5	80.7	16.3	89.4	18.3
		25	45.6	9.59	54.3	11.2	63.1	12.9	67.5	13.9	71.9	14.9	80.7	17.2	89.4	19.5
		27	45.6	9.75	54.3	11.6	63.1	13.7	67.5	14.7	71.9	15.9	80.7	18.3	89.4	20.8
		29	45.6	10.3	54.3	12.3	63.1	14.5	67.5	15.6	71.9	16.9	80.7	19.4	89.4	22.2
		31	45.6	10.9	54.3	13.0	63.1	15.4	67.5	16.6	71.9	17.9	80.7	20.6	89.4	23.6
		33	45.6	11.5	54.3	13.8	63.1	16.3	67.5	17.6	71.9	19.0	80.7	21.9	89.4	25.1
		35	45.6	12.1	54.3	14.6	63.1	17.2	67.5	18.7	71.9	20.1	80.7	23.3	89.4	26.7
		37	45.6	12.8	54.3	15.4	63.1	18.2	67.5	19.8	71.9	21.3	80.7	24.7	89.4	28.3
		39	45.6	13.5	54.3	16.3	63.1	19.3	67.5	20.9	71.9	22.6	80.7	26.2	89.4	30.1

NOTES

1 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

5HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	162.5	-19.8	-20.0	10.6	2.64	10.5	2.82	10.5	3.00	10.5	3.09	10.5	3.18	10.4	3.36
		-18.8	-19.0	10.9	2.74	10.9	2.91	10.8	3.08	10.8	3.17	10.8	3.26	10.7	3.43
		-16.7	-17.0	11.5	2.92	11.5	3.08	11.4	3.24	11.4	3.32	11.4	3.41	11.4	3.57
		-13.7	-15.0	12.1	3.07	12.1	3.23	12.1	3.38	12.1	3.46	12.0	3.54	12.0	3.69
		-11.8	-13.0	12.8	3.22	12.7	3.36	12.7	3.51	12.7	3.58	12.7	3.66	12.6	3.80
		-9.8	-11.0	13.4	3.35	13.4	3.49	13.3	3.63	13.3	3.69	13.3	3.76	13.3	3.90
		-9.5	-10.0	13.7	3.41	13.7	3.54	13.6	3.68	13.6	3.75	13.6	3.81	13.6	3.95
		-8.5	-9.1	14.0	3.46	14.0	3.59	13.9	3.72	13.9	3.79	13.9	3.86	13.9	3.99
		-7.0	-7.6	14.5	3.54	14.4	3.67	14.4	3.80	14.4	3.86	14.4	3.93	14.3	4.06
		-5.0	-5.6	15.1	3.64	15.1	3.76	15.0	3.89	15.0	3.95	15.0	4.01	14.9	4.13
		-3.0	-3.7	15.7	3.73	15.7	3.85	15.6	3.97	15.6	4.03	15.6	4.09	15.5	4.20
		0.0	-0.7	16.6	3.86	16.6	3.97	16.6	4.08	16.5	4.14	16.5	4.19	16.5	4.30
		3.0	2.2	17.5	3.97	17.5	4.07	17.5	4.18	17.5	4.23	17.4	4.28	17.4	4.39
		5.0	4.1	18.1	4.03	18.1	4.14	18.1	4.24	18.0	4.29	18.0	4.34	18.0	4.44
		7.0	6.0	18.7	4.10	18.7	4.19	18.7	4.29	18.6	4.34	18.6	4.39	18.1	4.32
		9.0	7.9	19.3	4.15	19.3	4.25	19.3	4.35	19.2	4.39	19.2	4.44	18.1	4.15
		11.0	9.8	19.9	4.21	19.9	4.30	19.9	4.39	19.8	4.44	19.5	4.36	18.1	4.00
		13.0	11.8	20.6	4.26	20.5	4.35	20.5	4.44	20.1	4.37	19.5	4.20	18.1	3.85
		15.0	13.7	21.1	4.31	21.1	4.40	20.8	4.40	20.1	4.22	19.5	4.05	18.1	3.72
120%	150	-19.8	-20.0	10.5	2.88	10.5	3.05	10.5	3.21	10.4	3.29	10.4	3.38	10.4	3.54
		-18.8	-19.0	10.8	2.97	10.8	3.13	10.8	3.29	10.8	3.37	10.7	3.45	10.7	3.61
		-16.7	-17.0	11.5	3.14	11.4	3.29	11.4	3.44	11.4	3.51	11.4	3.59	11.3	3.74
		-13.7	-15.0	12.1	3.28	12.1	3.43	12.0	3.57	12.0	3.64	12.0	3.71	12.0	3.85
		-11.8	-13.0	12.7	3.42	12.7	3.55	12.7	3.69	12.6	3.75	12.6	3.82	12.6	3.96
		-9.8	-11.0	13.4	3.53	13.3	3.66	13.3	3.79	13.3	3.86	13.3	3.92	13.2	4.05
		-9.5	-10.0	13.7	3.59	13.6	3.72	13.6	3.84	13.6	3.90	13.6	3.97	13.5	4.09
		-8.5	-9.1	13.9	3.64	13.9	3.76	13.9	3.88	13.9	3.95	13.8	4.01	13.8	4.13
		-7.0	-7.6	14.4	3.71	14.4	3.83	14.4	3.95	14.3	4.01	14.3	4.07	14.3	4.19
		-5.0	-5.6	15.0	3.81	15.0	3.92	15.0	4.04	15.0	4.09	14.9	4.15	14.9	4.26
		-3.0	-3.7	15.6	3.89	15.6	4.00	15.6	4.11	15.6	4.16	15.5	4.22	15.5	4.33
		0.0	-0.7	16.6	4.01	16.5	4.11	16.5	4.21	16.5	4.27	16.5	4.32	16.4	4.42
		3.0	2.2	17.5	4.11	17.5	4.21	17.4	4.30	17.4	4.35	17.4	4.40	16.7	4.25
		5.0	4.1	18.1	4.17	18.1	4.27	18.0	4.36	18.0	4.41	18.0	4.45	16.7	4.07
		7.0	6.0	18.7	4.23	18.7	4.32	18.6	4.41	18.6	4.45	18.0	4.27	16.7	3.91
		9.0	7.9	19.3	4.28	19.2	4.37	19.2	4.46	18.6	4.28	18.0	4.11	16.7	3.77
		11.0	9.8	19.9	4.33	19.8	4.42	19.2	4.29	18.6	4.12	18.0	3.96	16.7	3.63
		13.0	11.8	20.5	4.39	20.4	4.46	19.2	4.13	18.6	3.97	18.0	3.81	16.7	3.50
		15.0	13.7	21.1	4.43	20.4	4.30	19.2	3.99	18.6	3.83	18.0	3.68	16.7	3.38
110%	137.5	-19.8	-20.0	10.5	3.12	10.4	3.27	10.4	3.43	10.4	3.50	10.4	3.58	10.4	3.73
		-18.8	-19.0	10.8	3.21	10.8	3.35	10.7	3.50	10.7	3.57	10.7	3.64	10.7	3.79
		-16.7	-17.0	11.4	3.36	11.4	3.49	11.4	3.63	11.3	3.70	11.3	3.77	11.3	3.91
		-13.7	-15.0	12.0	3.49	12.0	3.62	12.0	3.75	12.0	3.82	12.0	3.88	11.9	4.01
		-11.8	-13.0	12.7	3.61	12.6	3.74	12.6	3.86	12.6	3.92	12.6	3.98	12.6	4.11
		-9.8	-11.0	13.3	3.72	13.3	3.84	13.2	3.96	13.2	4.02	13.2	4.08	13.2	4.19
		-9.5	-10.0	13.6	3.77	13.6	3.89	13.6	4.00	13.5	4.06	13.5	4.12	13.5	4.23
		-8.5	-9.1	13.9	3.82	13.9	3.93	13.8	4.04	13.8	4.10	13.8	4.16	13.8	4.27
		-7.0	-7.6	14.4	3.89	14.3	4.00	14.3	4.11	14.3	4.16	14.3	4.22	14.2	4.32
		-5.0	-5.6	15.0	3.97	15.0	4.08	14.9	4.18	14.9	4.24	14.9	4.29	14.9	4.39
		-3.0	-3.7	15.6	4.05	15.6	4.15	15.5	4.25	15.5	4.30	15.5	4.35	15.3	4.39
		0.0	-0.7	16.5	4.16	16.5	4.25	16.5	4.35	16.5	4.39	16.4	4.44	15.3	4.08
		3.0	2.2	17.4	4.25	17.4	4.34	17.4	4.43	17.0	4.34	16.5	4.17	15.3	3.82
		5.0	4.1	18.0	4.31	18.0	4.40	17.6	4.33	17.0	4.16	16.5	4.00	15.3	3.67
		7.0	6.0	18.6	4.36	18.6	4.45	17.6	4.16	17.0	4.00	16.5	3.84	15.3	3.53
		9.0	7.9	19.2	4.41	18.7	4.32	17.6	4.00	17.0	3.85	16.5	3.70	15.3	3.40
		11.0	9.8	19.8	4.46	18.7	4.16	17.6	3.86	17.0	3.71	16.5	3.56	15.3	3.28
		13.0	11.8	19.9	4.30	18.7	4.01	17.6	3.72	17.0	3.57	16.5	3.43	15.3	3.16
		15.0	13.7	19.9	4.15	18.7	3.87	17.6	3.59	17.0	3.45	16.5	3.32	15.3	3.06
100%	125	-19.8	-20.0	10.4	3.36	10.4	3.50	10.4	3.64	10.4	3.71	10.3	3.78	10.3	3.91
		-18.8	-19.0	10.7	3.44	10.7	3.57	10.7	3.71	10.7	3.77	10.7	3.84	10.6	3.97
		-16.7	-17.0	11.4	3.58	11.3	3.70	11.3	3.83	11.3	3.89	11.3	3.95	11.3	4.08
		-13.7	-15.0	12.0	3.70	12.0	3.82	11.9	3.94	11.9	4.00	11.9	4.06	11.9	4.18
		-11.8	-13.0	12.6	3.81	12.6	3.92	12.6	4.04	12.6	4.09	12.5	4.15	12.5	4.26
		-9.8	-11.0	13.3	3.91	13.2	4.02	13.2	4.13	13.2	4.18	13.2	4.23	13.1	4.34
		-9.5	-10.0	13.6	3.96	13.5	4.06	13.5	4.17	13.5	4.22	13.5	4.27	13.5	4.38
		-8.5	-9.1	13.8	4.00	13.8	4.10	13.8	4.20	13.8	4.25	13.8	4.31	13.7	4.41
		-7.0	-7.6	14.3	4.06	14.3	4.16	14.3	4.26	14.2	4.31	14.2	4.36	13.9	4.33
		-5.0	-5.6	14.9	4.14	14.9	4.24	14.9	4.33	14.9	4.38	14.9	4.43	13.9	4.10
		-3.0	-3.7	15.5	4.21	15.5	4.30	15.5	4.39	15.5	4.44	15.0	4.26	13.9	3.91
		0.0	-0.7	16.5	4.31	16.5	4.40	16.0	4.30	15.5	4.13	15.0	3.96	13.9	3.64
		3.0	2.2	17.4	4.40	17.0	4.34	16.0	4.02	15.5	3.87	15.0	3.71	13.9	3.41
		5.0	4.1	18.0	4.45	17.0	4.16	16.0	3.86	15.5	3.71	15.0	3.56	13.9	3.28
		7.0	6.0	18.1	4.30	17.0	4.00	16.0	3.71	15.5	3.57	15.0	3.43	13.9	3.16
		9.0	7.9	18.1	4.13	17.0	3.85	16.0	3.57	15.5	3.44	15.0	3.30	13.9	3.04
		11.0	9.8	18.1	3.98	17.0	3.71	16.0	3.44	15.5	3.32	15.0	3.19	13.9	2.94
		13.0	11.8	18.1	3.83	17.0	3.57	16.0	3.32	15.5	3.20	15.0	3.07	13.9	2.84
		15.0	13.7	18.1	3.70	17.0	3.45	16.0	3.21	15.5	3.09	15.0	2.98	13.9	2.75
90%	112.5	-19.8	-20.0	10.4	3.61	10.4	3.73	10.3	3.85	10.3	3.91	10.3	3.98	10.3	4.10
		-18.8	-19.0	10.7	3.67	10.7	3.79	10.6	3.91	10.6	3.97	10.6	4.03	10.6	4.15
		-16.7	-17.0	11.3	3.80	11.3	3.91	11.3	4.02	11.3	4.08	11.2	4.14	11.2	4.25
		-13.7	-15.0	11.9	3.91	11.9	4.02	11.9	4.12	11.9	4.18	11.9	4.23	11.8	4.34
		-11.8	-13.0	12.6	4.01	12.6	4.11	12.5	4.21	12.5	4.26	12.5	4.31	12.5	4.41
		-9.8	-11.0	13.2	4.10	13.2	4.20	13.2	4.29	13.1	4.34	13.1	4.39	12.5	4.19
		-9.5	-10.0	13.5	4.14	13.5	4.24	13.5	4.33	13.5	4.38	13.4	4.42	12.5	4.07
		-8.5	-9.1	13.8	4.18	13.8	4.27	13.7	4.36	13.7	4.41	13.5	4.33	12.5	3.97
		-7.0	-7.6	14.3	4.24	14.2	4.33	14.2	4.41	13.9	4.33	13.5	4.15	12.5	3.81
		-5.0	-5.6	14.9	4.31	14.9	4.39	14.4	4.27	13.9	4.10	13.5	3.93	12.5	3.61
		-3.0	-3.7	15.5	4.37	15.3	4.39	14.4	4.06	13.9	3.91	13.5	3.75	12.5	3.45
		0.0	-0.7	16.3	4.38	15.3	4.08	14.4	3.78	13.9	3.64	13.5	3.49	12.5	3.21
		3.0	2.2	16.3	4.10	15.3	3.82	14.4	3.54	13.9	3.41	13.5	3.28	12.5	3.02
		5.0	4.1	16.3	3.93	15.3	3.66	14.4	3.40	13.9	3.28	13.5	3.15	12.5	2.91
		7.0	6.0	16.3	3.78	15.3	3.52	14.4	3.28	13.9	3.15	13.5	3.03	12.5	2.80
		9.0	7.9	16.3	3.64	15.3	3.40	14.4	3.16	13.9	3.04	13.5	2.93	12.5	2.70
		11.0	9.8	16.3	3.51	15.3	3.28	14.4	3.05	13.9	2.94	13.5	2.83	12.5	2.61
		13.0	11.8	16.3	3.38	15.3	3.16	14.4	2.94	13.9	2.83	13.5	2.73	12.5	2.52
		15.0	13.7	16.3	3.27	15.3	3.06	14.4	2.85	13.9	2.74	13.5	2.64	12.5	2.44

3 Capacity tables

3 - 2 Heating capacity tables

5HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	100	-19.8	-20.0	10.3	3.85	10.3	3.96	10.3	4.07	10.3	4.12	10.3	4.18	10.2	4.29
		-18.8	-19.0	10.6	3.91	10.6	4.01	10.6	4.12	10.6	4.17	10.6	4.23	10.6	4.33
		-16.7	-17.0	11.3	4.02	11.2	4.12	11.2	4.22	11.2	4.27	11.2	4.32	11.2	4.40
		-13.7	-15.0	11.9	4.12	11.9	4.21	11.9	4.31	11.8	4.35	11.8	4.40	11.2	4.11
		-11.8	-13.0	12.5	4.21	12.5	4.30	12.5	4.39	12.4	4.39	12.0	4.21	11.2	3.86
		-9.8	-11.0	13.2	4.29	13.1	4.37	12.8	4.29	12.4	4.13	12.0	3.96	11.2	3.63
		-9.5	-10.0	13.5	4.33	13.4	4.41	12.8	4.17	12.4	4.01	12.0	3.85	11.2	3.53
		-8.5	-9.1	13.8	4.36	13.6	4.39	12.8	4.06	12.4	3.91	12.0	3.75	11.2	3.45
		-7.0	-7.6	14.2	4.41	13.6	4.21	12.8	3.90	12.4	3.75	12.0	3.60	11.2	3.31
		-5.0	-5.6	14.4	4.28	13.6	3.99	12.8	3.70	12.4	3.56	12.0	3.42	11.2	3.15
		-3.0	-3.7	14.4	4.08	13.6	3.80	12.8	3.53	12.4	3.39	12.0	3.26	11.2	3.01
		0.0	-0.7	14.4	3.80	13.6	3.54	12.8	3.29	12.4	3.17	12.0	3.05	11.2	2.81
		3.0	2.2	14.4	3.56	13.6	3.32	12.8	3.09	12.4	2.98	12.0	2.86	11.2	2.64
		5.0	4.1	14.4	3.42	13.6	3.19	12.8	2.97	12.4	2.86	12.0	2.76	11.2	2.55
		7.0	6.0	14.4	3.29	13.6	3.07	12.8	2.86	12.4	2.76	12.0	2.66	11.2	2.46
		9.0	7.9	14.4	3.17	13.6	2.96	12.8	2.76	12.4	2.66	12.0	2.57	11.2	2.37
		11.0	9.8	14.4	3.06	13.6	2.86	12.8	2.67	12.4	2.57	12.0	2.48	11.2	2.30
		13.0	11.8	14.4	2.95	13.6	2.76	12.8	2.58	12.4	2.49	12.0	2.40	11.2	2.22
		15.0	13.7	14.4	2.86	13.6	2.68	12.8	2.50	12.4	2.41	12.0	2.32	11.2	2.16
70%	87.5	-19.8	-20.0	10.3	4.09	10.3	4.18	10.2	4.28	10.2	4.33	10.2	4.38	9.76	4.17
		-18.8	-19.0	10.6	4.14	10.6	4.23	10.6	4.33	10.5	4.37	10.5	4.38	9.76	4.02
		-16.7	-17.0	11.2	4.24	11.2	4.33	11.2	4.41	10.8	4.25	10.5	4.08	9.76	3.74
		-13.7	-15.0	11.9	4.33	11.8	4.41	11.2	4.13	10.8	3.97	10.5	3.81	9.76	3.50
		-11.8	-13.0	12.5	4.40	11.9	4.18	11.2	3.88	10.8	3.73	10.5	3.58	9.76	3.29
		-9.8	-11.0	12.6	4.23	11.9	3.94	11.2	3.65	10.8	3.51	10.5	3.38	9.76	3.11
		-9.5	-10.0	12.6	4.11	11.9	3.82	11.2	3.55	10.8	3.42	10.5	3.28	9.76	3.02
		-8.5	-9.1	12.6	4.00	11.9	3.73	11.2	3.46	10.8	3.33	10.5	3.20	9.76	2.95
		-7.0	-7.6	12.6	3.84	11.9	3.58	11.2	3.33	10.8	3.20	10.5	3.08	9.76	2.84
		-5.0	-5.6	12.6	3.64	11.9	3.40	11.2	3.16	10.8	3.05	10.5	2.93	9.76	2.70
		-3.0	-3.7	12.6	3.48	11.9	3.25	11.2	3.02	10.8	2.91	10.5	2.80	9.76	2.59
		0.0	-0.7	12.6	3.24	11.9	3.03	11.2	2.82	10.8	2.72	10.5	2.62	9.76	2.42
		3.0	2.2	12.6	3.04	11.9	2.85	11.2	2.66	10.8	2.56	10.5	2.47	9.76	2.29
		5.0	4.1	12.6	2.93	11.9	2.74	11.2	2.56	10.8	2.47	10.5	2.38	9.76	2.21
		7.0	6.0	12.6	2.82	11.9	2.64	11.2	2.47	10.8	2.38	10.5	2.30	9.76	2.13
		9.0	7.9	12.6	2.72	11.9	2.55	11.2	2.38	10.8	2.30	10.5	2.22	9.76	2.06
		11.0	9.8	12.6	2.63	11.9	2.47	11.2	2.31	10.8	2.23	10.5	2.15	9.76	2.00
		13.0	11.8	12.6	2.54	11.9	2.39	11.2	2.23	10.8	2.16	10.5	2.08	9.76	1.93
		15.0	13.7	12.6	2.46	11.9	2.31	11.2	2.16	10.8	2.09	10.5	2.02	9.76	1.88
60%	75	-19.8	-20.0	10.2	4.33	10.2	4.41	9.60	4.09	9.29	3.93	8.98	3.77	8.37	3.46
		-18.8	-19.0	10.5	4.37	10.2	4.25	9.60	3.94	9.29	3.78	8.98	3.63	8.37	3.34
		-16.7	-17.0	10.8	4.25	10.2	3.95	9.60	3.67	9.29	3.53	8.98	3.39	8.37	3.12
		-13.7	-15.0	10.8	3.97	10.2	3.70	9.60	3.43	9.29	3.31	8.98	3.18	8.37	2.93
		-11.8	-13.0	10.8	3.73	10.2	3.47	9.60	3.23	9.29	3.11	8.98	2.99	8.37	2.76
		-9.8	-11.0	10.8	3.51	10.2	3.28	9.60	3.05	9.29	2.94	8.98	2.83	8.37	2.61
		-9.5	-10.0	10.8	3.41	10.2	3.19	9.60	2.97	9.29	2.86	8.98	2.75	8.37	2.54
		-8.5	-9.1	10.8	3.33	10.2	3.11	9.60	2.90	9.29	2.79	8.98	2.69	8.37	2.49
		-7.0	-7.6	10.8	3.20	10.2	2.99	9.60	2.79	9.29	2.69	8.98	2.59	8.37	2.39
		-5.0	-5.6	10.8	3.04	10.2	2.85	9.60	2.65	9.29	2.56	8.98	2.47	8.37	2.28
		-3.0	-3.7	10.8	2.91	10.2	2.72	9.60	2.54	9.29	2.45	8.98	2.36	8.37	2.19
		0.0	-0.7	10.8	2.72	10.2	2.55	9.60	2.38	9.29	2.30	8.98	2.22	8.37	2.06
		3.0	2.2	10.8	2.56	10.2	2.40	9.60	2.25	9.29	2.17	8.98	2.09	8.37	1.95
		5.0	4.1	10.8	2.47	10.2	2.32	9.60	2.17	9.29	2.09	8.98	2.02	8.37	1.88
		7.0	6.0	10.8	2.38	10.2	2.24	9.60	2.09	9.29	2.02	8.98	1.95	8.37	1.82
		9.0	7.9	10.8	2.30	10.2	2.16	9.60	2.03	9.29	1.96	8.98	1.89	8.37	1.76
		11.0	9.8	10.8	2.23	10.2	2.09	9.60	1.96	9.29	1.90	8.98	1.83	8.37	1.71
		13.0	11.8	10.8	2.15	10.2	2.03	9.60	1.90	9.29	1.84	8.98	1.78	8.37	1.66
		15.0	13.7	10.8	2.09	10.2	1.97	9.60	1.85	9.29	1.79	8.98	1.73	8.37	1.61
50%	62.5	-19.8	-20.0	9.03	3.79	8.51	3.54	8.00	3.29	7.74	3.16	7.49	3.04	6.97	2.81
		-18.8	-19.0	9.03	3.66	8.51	3.41	8.00	3.17	7.74	3.05	7.49	2.94	6.97	2.71
		-16.7	-17.0	9.03	3.41	8.51	3.18	8.00	2.96	7.74	2.86	7.49	2.75	6.97	2.54
		-13.7	-15.0	9.03	3.20	8.51	2.99	8.00	2.78	7.74	2.68	7.49	2.59	6.97	2.39
		-11.8	-13.0	9.03	3.01	8.51	2.82	8.00	2.63	7.74	2.53	7.49	2.44	6.97	2.26
		-9.8	-11.0	9.03	2.84	8.51	2.66	8.00	2.49	7.74	2.40	7.49	2.31	6.97	2.14
		-9.5	-10.0	9.03	2.77	8.51	2.59	8.00	2.42	7.74	2.34	7.49	2.25	6.97	2.09
		-8.5	-9.1	9.03	2.70	8.51	2.53	8.00	2.37	7.74	2.29	7.49	2.20	6.97	2.05
		-7.0	-7.6	9.03	2.60	8.51	2.44	8.00	2.28	7.74	2.20	7.49	2.13	6.97	1.97
		-5.0	-5.6	9.03	2.48	8.51	2.33	8.00	2.18	7.74	2.10	7.49	2.03	6.97	1.89
		-3.0	-3.7	9.03	2.38	8.51	2.23	8.00	2.09	7.74	2.02	7.49	1.95	6.97	1.81
		0.0	-0.7	9.03	2.23	8.51	2.10	8.00	1.96	7.74	1.90	7.49	1.84	6.97	1.71
		3.0	2.2	9.03	2.11	8.51	1.98	8.00	1.86	7.74	1.80	7.49	1.74	6.97	1.62
		5.0	4.1	9.03	2.03	8.51	1.91	8.00	1.80	7.74	1.74	7.49	1.68	6.97	1.57
		7.0	6.0	9.03	1.96	8.51	1.85	8.00	1.74	7.74	1.68	7.49	1.63	6.97	1.52
		9.0	7.9	9.03	1.90	8.51	1.79	8.00	1.68	7.74	1.63	7.49	1.58	6.97	1.48
		11.0	9.8	9.03	1.84	8.51	1.74	8.00	1.63	7.74	1.58	7.49	1.53	6.97	1.43
		13.0	11.8	9.03	1.79	8.51	1.69	8.00	1.59	7.74	1.54	7.49	1.49	6.97	1.39
		15.0	13.7	9.03	1.74	8.51	1.64	8.00	1.54	7.74	1.50	7.49	1.45	6.97	1.36

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

8HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	260	-19.8	-20.0	14.4	2.80	14.3	3.09	14.2	3.38	14.2	3.53	14.2	3.67	14.1	3.96
		-18.8	-19.0	14.8	2.95	14.7	3.24	14.7	3.52	14.6	3.66	14.6	3.80	14.6	4.08
		-16.7	-17.0	15.6	3.24	15.6	3.51	15.5	3.78	15.5	3.91	15.5	4.04	15.4	4.31
		-13.7	-15.0	16.5	3.50	16.4	3.75	16.4	4.01	16.3	4.13	16.3	4.26	16.2	4.51
		-11.8	-13.0	17.3	3.73	17.3	3.97	17.2	4.21	17.2	4.33	17.1	4.45	17.1	4.69
		-9.8	-11.0	18.2	3.94	18.1	4.17	18.0	4.40	18.0	4.51	18.0	4.63	17.9	4.85
		-9.5	-10.0	18.6	4.04	18.5	4.26	18.5	4.49	18.4	4.60	18.4	4.71	18.3	4.93
		-8.5	-9.1	19.0	4.12	18.9	4.34	18.8	4.56	18.8	4.67	18.8	4.78	18.7	5.00
		-7.0	-7.6	19.6	4.26	19.5	4.47	19.5	4.68	19.4	4.78	19.4	4.89	19.4	5.10
		-5.0	-5.6	20.4	4.42	20.4	4.62	20.3	4.82	20.3	4.92	20.3	5.03	20.2	5.23
		-3.0	-3.7	21.2	4.56	21.2	4.76	21.1	4.95	21.1	5.05	21.1	5.15	21.0	5.34
		0.0	-0.7	22.5	4.77	22.4	4.95	22.4	5.14	22.4	5.23	22.3	5.32	22.3	5.50
		3.0	2.2	23.7	4.95	23.7	5.12	23.6	5.29	23.6	5.38	23.5	5.47	23.5	5.64
		5.0	4.1	24.5	5.06	24.5	5.22	24.4	5.39	24.4	5.47	24.3	5.56	24.3	5.72
		7.0	6.0	25.3	5.16	25.3	5.32	25.2	5.48	25.2	5.56	25.1	5.64	25.1	5.80
		9.0	7.9	26.1	5.25	26.1	5.41	26.0	5.56	26.0	5.64	25.9	5.72	25.9	5.88
		11.0	9.8	26.9	5.34	26.9	5.49	26.8	5.64	26.8	5.72	26.8	5.79	26.7	5.95
		13.0	11.8	27.8	5.43	27.7	5.57	27.7	5.72	27.6	5.80	27.6	5.87	27.5	6.02
		15.0	13.7	28.6	5.51	28.5	5.65	28.5	5.79	28.4	5.86	28.4	5.94	28.3	6.07
120%	240	-19.8	-20.0	14.3	3.19	14.2	3.46	14.2	3.73	14.1	3.86	14.1	4.00	14.1	4.27
		-18.8	-19.0	14.7	3.34	14.7	3.60	14.6	3.86	14.6	3.99	14.5	4.12	14.5	4.38
		-16.7	-17.0	15.5	3.60	15.5	3.85	15.4	4.10	15.4	4.22	15.4	4.34	15.3	4.59
		-13.7	-15.0	16.4	3.84	16.3	4.07	16.3	4.31	16.3	4.42	16.2	4.54	16.2	4.77
		-11.8	-13.0	17.2	4.06	17.2	4.28	17.1	4.50	17.1	4.61	17.1	4.72	17.0	4.94
		-9.8	-11.0	18.1	4.25	18.0	4.46	18.0	4.67	17.9	4.78	17.9	4.88	17.9	5.09
		-9.5	-10.0	18.5	4.34	18.4	4.55	18.4	4.75	18.4	4.85	18.3	4.96	18.3	5.16
		-8.5	-9.1	18.9	4.42	18.8	4.62	18.8	4.82	18.7	4.92	18.7	5.02	18.7	5.22
		-7.0	-7.6	19.5	4.54	19.5	4.74	19.4	4.93	19.4	5.03	19.4	5.12	19.3	5.32
		-5.0	-5.6	20.4	4.69	20.3	4.88	20.2	5.06	20.2	5.16	20.2	5.25	20.1	5.44
		-3.0	-3.7	21.2	4.83	21.1	5.00	21.0	5.18	21.0	5.27	21.0	5.36	20.9	5.54
		0.0	-0.7	22.4	5.02	22.4	5.19	22.3	5.35	22.3	5.44	22.3	5.52	22.2	5.69
		3.0	2.2	23.6	5.18	23.6	5.34	23.5	5.50	23.5	5.58	23.5	5.66	23.4	5.82
		5.0	4.1	24.4	5.28	24.4	5.44	24.3	5.59	24.3	5.67	24.3	5.74	24.2	5.90
		7.0	6.0	25.2	5.37	25.2	5.52	25.1	5.67	25.1	5.75	25.1	5.82	25.0	5.97
		9.0	7.9	26.0	5.46	26.0	5.61	25.9	5.75	25.9	5.82	25.9	5.90	25.8	6.04
		11.0	9.8	26.8	5.54	26.8	5.68	26.7	5.82	26.7	5.89	26.7	5.97	26.1	5.93
		13.0	11.8	27.7	5.63	27.6	5.76	27.6	5.90	27.6	5.97	27.5	6.03	26.1	5.72
		15.0	13.7	28.5	5.70	28.4	5.83	28.4	5.96	28.4	6.03	28.1	6.01	26.1	5.53
110%	220	-19.8	-20.0	14.2	3.58	14.2	3.83	14.1	4.08	14.1	4.20	14.1	4.32	14.0	4.57
		-18.8	-19.0	14.6	3.72	14.6	3.96	14.5	4.20	14.5	4.32	14.5	4.44	14.4	4.67
		-16.7	-17.0	15.5	3.96	15.4	4.19	15.4	4.41	15.3	4.53	15.3	4.64	15.3	4.87
		-13.7	-15.0	16.3	4.18	16.3	4.40	16.2	4.61	16.2	4.72	16.2	4.82	16.1	5.04
		-11.8	-13.0	17.2	4.38	17.1	4.58	17.1	4.78	17.0	4.89	17.0	4.99	17.0	5.19
		-9.8	-11.0	18.0	4.56	18.0	4.75	17.9	4.94	17.9	5.04	17.9	5.14	17.8	5.33
		-9.5	-10.0	18.4	4.64	18.4	4.83	18.3	5.02	18.3	5.11	18.3	5.21	18.2	5.39
		-8.5	-9.1	18.8	4.71	18.8	4.90	18.7	5.08	18.7	5.17	18.7	5.27	18.6	5.45
		-7.0	-7.6	19.4	4.83	19.4	5.00	19.3	5.18	19.3	5.27	19.3	5.36	19.2	5.54
		-5.0	-5.6	20.3	4.97	20.2	5.14	20.2	5.31	20.2	5.39	20.1	5.48	20.1	5.65
		-3.0	-3.7	21.1	5.09	21.0	5.25	21.0	5.42	21.0	5.50	20.9	5.58	20.9	5.74
		0.0	-0.7	22.3	5.26	22.3	5.42	22.2	5.57	22.2	5.65	22.2	5.73	22.1	5.88
		3.0	2.2	23.6	5.42	23.5	5.56	23.5	5.71	23.4	5.78	23.4	5.85	23.4	6.00
		5.0	4.1	24.4	5.51	24.3	5.65	24.3	5.79	24.2	5.86	24.2	5.93	24.0	5.99
		7.0	6.0	25.2	5.59	25.1	5.73	25.1	5.87	25.0	5.93	25.0	6.00	24.0	5.76
		9.0	7.9	26.0	5.67	25.9	5.81	25.9	5.94	25.8	6.00	25.7	6.04	24.0	5.55
		11.0	9.8	26.8	5.75	26.7	5.88	26.7	6.01	26.6	6.06	25.7	5.82	24.0	5.36
		13.0	11.8	27.6	5.83	27.6	5.95	27.5	6.07	26.6	5.84	25.7	5.61	24.0	5.16
		15.0	13.7	28.4	5.89	28.4	6.01	27.5	5.86	26.6	5.64	25.7	5.42	24.0	5.00
100%	200	-19.8	-20.0	14.1	3.98	14.1	4.20	14.0	4.43	14.0	4.54	14.0	4.65	14.0	4.87
		-18.8	-19.0	14.5	4.10	14.5	4.32	14.5	4.53	14.4	4.64	14.4	4.75	14.4	4.97
		-16.7	-17.0	15.4	4.32	15.3	4.53	15.3	4.73	15.3	4.84	15.3	4.94	15.2	5.14
		-13.7	-15.0	16.2	4.52	16.2	4.72	16.1	4.91	16.1	5.01	16.1	5.10	16.1	5.30
		-11.8	-13.0	17.1	4.70	17.0	4.89	17.0	5.07	17.0	5.16	16.9	5.26	16.9	5.44
		-9.8	-11.0	17.9	4.87	17.9	5.04	17.8	5.22	17.8	5.30	17.8	5.39	17.7	5.57
		-9.5	-10.0	18.3	4.94	18.3	5.11	18.3	5.28	18.2	5.37	18.2	5.45	18.2	5.63
		-8.5	-9.1	18.7	5.01	18.7	5.17	18.6	5.34	18.6	5.43	18.6	5.51	18.5	5.68
		-7.0	-7.6	19.4	5.11	19.3	5.27	19.3	5.43	19.2	5.51	19.2	5.60	19.2	5.76
		-5.0	-5.6	20.2	5.24	20.2	5.39	20.1	5.55	20.1	5.62	20.1	5.70	20.0	5.86
		-3.0	-3.7	21.0	5.35	21.0	5.50	20.9	5.65	20.9	5.72	20.9	5.80	20.8	5.94
		0.0	-0.7	22.3	5.51	22.2	5.65	22.2	5.79	22.2	5.86	22.1	5.93	21.8	5.94
		3.0	2.2	23.5	5.65	23.4	5.78	23.4	5.91	23.4	5.98	23.4	6.05	21.8	5.57
		5.0	4.1	24.3	5.73	24.2	5.86	24.2	5.99	24.2	6.05	23.4	5.82	21.8	5.36
		7.0	6.0	25.1	5.81	25.0	5.94	25.0	6.06	24.2	5.83	23.4	5.60	21.8	5.16
		9.0	7.9	25.9	5.88	25.8	6.01	25.0	5.83	24.2	5.61	23.4	5.40	21.8	4.97
		11.0	9.8	26.7	5.95	26.6	6.06	25.0	5.63	24.2	5.42	23.4	5.21	21.8	4.80
		13.0	11.8	27.5	6.02	26.6	5.84	25.0	5.42	24.2	5.22	23.4	5.02	21.8	4.63
		15.0	13.7	28.2	6.05	26.6	5.64	25.0	5.24	24.2	5.05	23.4	4.86	21.8	4.48
90%	180	-19.8	-20.0	14.0	4.37	14.0	4.57	14.0	4.77	14.0	4.88	13.9	4.98	13.9	5.18
		-18.8	-19.0	14.5	4.48	14.4	4.68	14.4	4.87	14.4	4.97	14.4	5.07	14.3	5.26
		-16.7	-17.0	15.3	4.68	15.3	4.87	15.2	5.05	15.2	5.14	15.2	5.24	15.2	5.42
		-13.7	-15.0	16.2	4.86	16.1	5.04	16.1	5.21	16.1	5.30	16.0	5.39	16.0	5.56
		-11.8	-13.0	17.0	5.03	17.0	5.19	16.9	5.36	16.9	5.44	16.9	5.52	16.8	5.69
		-9.8	-11.0	17.8	5.17	17.8	5.33	17.8	5.49	17.7	5.57	17.7	5.65	17.7	5.80
		-9.5	-10.0	18.3	5.24	18.2	5.40	18.2	5.55	18.2	5.63	18.1	5.70	18.1	5.86
		-8.5	-9.1	18.6	5.30	18.6	5.45	18.6	5.60	18.5	5.68	18.5	5.75	18.5	5.90
		-7.0	-7.6	19.3	5.39	19.2	5.54	19.2	5.69	19.2	5.76	19.2	5.83	19.1	5.98
		-5.0	-5.6	20.1	5.51	20.1	5.65	20.0	5.79	20.0	5.86	20.0	5.93	19.6	5.90
		-3.0	-3.7	20.9	5.61	20.9	5.74	20.8	5.88	20.8	5.95	20.8	6.01	19.6	5.63
		0.0	-0.7	22.2	5.76	22.1	5.88	22.1	6.01	21.8	5.94	21.1	5.71	19.6	5.25
		3.0	2.2	23.4	5.88	23.4	6.00	22.5	5.79	21.8	5.57	21.1	5.35	19.6	4.93
		5.0	4.1	24.2	5.96	23.9	5.99	22.5	5.56	21.8	5.35	21.1	5.15	19.6	4.75
		7.0	6.0	25.0	6.03	23.9	5.76	22.5	5.35	21.8	5.15	21.1	4.96	19.6	4.57
		9.0	7.9	25.4	5.94	23.9	5.55	22.5	5.16	21.8	4.97	21.1	4.78	19.6	4.41
		11.0	9.8	25.4	5.73	23.9	5.35	22.5	4.98	21.8	4.80	21.1	4.62	19.6	4.27
		13.0	11.8	25.4	5.52	23.9	5.16	22.5	4.80	21.8	4.63	21.1	4.46	19.6	4.12
		15.0	13.7	25.4	5.34	23.9	4.99	22.5	4.65	21.8	4.48	21.1	4.32	19.6	3.99

3 Capacity tables

3 - 2 Heating capacity tables

8HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	160	-19.8	-20.0	14.0	4.76	13.9	4.94	13.9	5.12	13.9	5.21	13.9	5.30	13.8	5.48
		-18.8	-19.0	14.4	4.86	14.4	5.04	14.3	5.21	14.3	5.30	14.3	5.38	14.3	5.56
		-16.7	-17.0	15.2	5.04	15.2	5.21	15.2	5.37	15.1	5.45	15.1	5.54	15.1	5.70
		-13.7	-15.0	16.1	5.20	16.0	5.36	16.0	5.51	16.0	5.59	16.0	5.67	15.9	5.82
		-11.8	-13.0	16.9	5.35	16.9	5.50	16.9	5.64	16.8	5.72	16.8	5.79	16.8	5.94
		-9.8	-11.0	17.8	5.48	17.7	5.62	17.7	5.76	17.7	5.83	17.7	5.90	17.4	5.94
		-9.5	-10.0	18.2	5.54	18.2	5.68	18.1	5.82	18.1	5.88	18.1	5.95	17.4	5.77
		-8.5	-9.1	18.6	5.59	18.5	5.73	18.5	5.86	18.5	5.93	18.5	6.00	17.4	5.63
		-7.0	-7.6	19.2	5.68	19.2	5.81	19.1	5.94	19.1	6.00	18.7	5.88	17.4	5.41
		-5.0	-5.6	20.0	5.78	20.0	5.91	20.0	6.03	19.4	5.81	18.7	5.58	17.4	5.14
		-3.0	-3.7	20.8	5.87	20.8	5.99	20.0	5.76	19.4	5.55	18.7	5.33	17.4	4.91
		0.0	-0.7	22.1	6.00	21.3	5.78	20.0	5.37	19.4	5.17	18.7	4.98	17.4	4.59
		3.0	2.2	22.6	5.81	21.3	5.42	20.0	5.05	19.4	4.86	18.7	4.68	17.4	4.32
		5.0	4.1	22.6	5.58	21.3	5.21	20.0	4.85	19.4	4.68	18.7	4.50	17.4	4.16
		7.0	6.0	22.6	5.37	21.3	5.02	20.0	4.68	19.4	4.51	18.7	4.34	17.4	4.01
		9.0	7.9	22.6	5.18	21.3	4.84	20.0	4.51	19.4	4.35	18.7	4.19	17.4	3.88
		11.0	9.8	22.6	5.00	21.3	4.67	20.0	4.36	19.4	4.20	18.7	4.05	17.4	3.75
		13.0	11.8	22.6	4.82	21.3	4.51	20.0	4.21	19.4	4.06	18.7	3.92	17.4	3.63
		15.0	13.7	22.6	4.67	21.3	4.37	20.0	4.08	19.4	3.94	18.7	3.80	17.4	3.52
70%	140	-19.8	-20.0	13.9	5.16	13.9	5.32	13.8	5.47	13.8	5.55	13.8	5.63	13.8	5.79
		-18.8	-19.0	14.3	5.24	14.3	5.40	14.3	5.55	14.2	5.63	14.2	5.70	14.2	5.85
		-16.7	-17.0	15.2	5.40	15.1	5.55	15.1	5.69	15.1	5.76	15.1	5.83	15.0	5.98
		-13.7	-15.0	16.0	5.54	16.0	5.68	15.9	5.82	15.9	5.88	15.9	5.95	15.3	5.72
		-11.8	-13.0	16.8	5.67	16.8	5.80	16.8	5.93	16.8	5.99	16.4	5.85	15.3	5.38
		-9.8	-11.0	17.7	5.79	17.7	5.91	17.5	5.97	16.9	5.74	16.4	5.51	15.3	5.08
		-9.5	-10.0	18.1	5.84	18.1	5.96	17.5	5.80	16.9	5.58	16.4	5.36	15.3	4.94
		-8.5	-9.1	18.5	5.89	18.5	6.01	17.5	5.66	16.9	5.44	16.4	5.23	15.3	4.82
		-7.0	-7.6	19.1	5.96	18.6	5.85	17.5	5.43	16.9	5.23	16.4	5.03	15.3	4.64
		-5.0	-5.6	19.7	5.95	18.6	5.55	17.5	5.16	16.9	4.97	16.4	4.79	15.3	4.42
		-3.0	-3.7	19.7	5.68	18.6	5.30	17.5	4.93	16.9	4.75	16.4	4.58	15.3	4.23
		0.0	-0.7	19.7	5.29	18.6	4.95	17.5	4.61	16.9	4.44	16.4	4.28	15.3	3.96
		3.0	2.2	19.7	4.97	18.6	4.65	17.5	4.34	16.9	4.19	16.4	4.03	15.3	3.73
		5.0	4.1	19.7	4.78	18.6	4.48	17.5	4.18	16.9	4.03	16.4	3.89	15.3	3.60
		7.0	6.0	19.7	4.61	18.6	4.32	17.5	4.03	16.9	3.89	16.4	3.75	15.3	3.48
		9.0	7.9	19.7	4.45	18.6	4.17	17.5	3.89	16.9	3.76	16.4	3.63	15.3	3.37
		11.0	9.8	19.7	4.30	18.6	4.03	17.5	3.77	16.9	3.64	16.4	3.51	15.3	3.26
		13.0	11.8	19.7	4.15	18.6	3.90	17.5	3.64	16.9	3.52	16.4	3.40	15.3	3.16
		15.0	13.7	19.7	4.02	18.6	3.78	17.5	3.54	16.9	3.42	16.4	3.30	15.3	3.07
60%	120	-19.8	-20.0	13.8	5.55	13.8	5.69	13.8	5.82	13.8	5.89	13.7	5.96	13.1	5.66
		-18.8	-19.0	14.2	5.63	14.2	5.76	14.2	5.89	14.2	5.95	14.0	5.94	13.1	5.46
		-16.7	-17.0	15.1	5.76	15.1	5.89	15.0	5.99	14.5	5.76	14.0	5.54	13.1	5.10
		-13.7	-15.0	15.9	5.89	15.9	6.00	15.0	5.61	14.5	5.40	14.0	5.19	13.1	4.78
		-11.8	-13.0	16.8	6.00	16.0	5.67	15.0	5.28	14.5	5.08	14.0	4.89	13.1	4.51
		-9.8	-11.0	16.9	5.73	16.0	5.35	15.0	4.98	14.5	4.80	14.0	4.62	13.1	4.27
		-9.5	-10.0	16.9	5.58	16.0	5.21	15.0	4.85	14.5	4.67	14.0	4.50	13.1	4.15
		-8.5	-9.1	16.9	5.44	16.0	5.08	15.0	4.73	14.5	4.56	14.0	4.39	13.1	4.06
		-7.0	-7.6	16.9	5.23	16.0	4.89	15.0	4.55	14.5	4.39	14.0	4.23	13.1	3.91
		-5.0	-5.6	16.9	4.97	16.0	4.65	15.0	4.34	14.5	4.18	14.0	4.03	13.1	3.73
		-3.0	-3.7	16.9	4.75	16.0	4.45	15.0	4.15	14.5	4.00	14.0	3.86	13.1	3.58
		0.0	-0.7	16.9	4.44	16.0	4.16	15.0	3.89	14.5	3.75	14.0	3.62	13.1	3.36
		3.0	2.2	16.9	4.18	16.0	3.92	15.0	3.67	14.5	3.54	14.0	3.42	13.1	3.18
		5.0	4.1	16.9	4.03	16.0	3.78	15.0	3.54	14.5	3.42	14.0	3.30	13.1	3.07
		7.0	6.0	16.9	3.89	16.0	3.65	15.0	3.42	14.5	3.31	14.0	3.19	13.1	2.97
		9.0	7.9	16.9	3.76	16.0	3.53	15.0	3.31	14.5	3.20	14.0	3.09	13.1	2.88
		11.0	9.8	16.9	3.64	16.0	3.42	15.0	3.21	14.5	3.10	14.0	3.00	13.1	2.79
		13.0	11.8	16.9	3.52	16.0	3.31	15.0	3.10	14.5	3.00	14.0	2.90	13.1	2.71
		15.0	13.7	16.9	3.41	16.0	3.21	15.0	3.02	14.5	2.92	14.0	2.82	13.1	2.63
50%	100	-19.8	-20.0	13.7	5.95	13.3	5.78	12.5	5.37	12.1	5.17	11.7	4.97	10.9	4.58
		-18.8	-19.0	14.1	5.97	13.3	5.57	12.5	5.18	12.1	4.99	11.7	4.80	10.9	4.43
		-16.7	-17.0	14.1	5.57	13.3	5.20	12.5	4.84	12.1	4.67	11.7	4.49	10.9	4.15
		-13.7	-15.0	14.1	5.22	13.3	4.88	12.5	4.55	12.1	4.38	11.7	4.22	10.9	3.91
		-11.8	-13.0	14.1	4.91	13.3	4.60	12.5	4.29	12.1	4.14	11.7	3.99	10.9	3.69
		-9.8	-11.0	14.1	4.64	13.3	4.35	12.5	4.06	12.1	3.92	11.7	3.78	10.9	3.50
		-9.5	-10.0	14.1	4.52	13.3	4.24	12.5	3.96	12.1	3.82	11.7	3.68	10.9	3.42
		-8.5	-9.1	14.1	4.42	13.3	4.14	12.5	3.87	12.1	3.73	11.7	3.60	10.9	3.34
		-7.0	-7.6	14.1	4.25	13.3	3.99	12.5	3.73	12.1	3.60	11.7	3.47	10.9	3.23
		-5.0	-5.6	14.1	4.05	13.3	3.80	12.5	3.56	12.1	3.44	11.7	3.32	10.9	3.08
		-3.0	-3.7	14.1	3.88	13.3	3.64	12.5	3.41	12.1	3.30	11.7	3.19	10.9	2.96
		0.0	-0.7	14.1	3.64	13.3	3.42	12.5	3.21	12.1	3.10	11.7	3.00	10.9	2.79
		3.0	2.2	14.1	3.44	13.3	3.24	12.5	3.04	12.1	2.94	11.7	2.84	10.9	2.65
		5.0	4.1	14.1	3.32	13.3	3.12	12.5	2.93	12.1	2.84	11.7	2.75	10.9	2.56
		7.0	6.0	14.1	3.21	13.3	3.02	12.5	2.84	12.1	2.75	11.7	2.66	10.9	2.48
		9.0	7.9	14.1	3.11	13.3	2.93	12.5	2.75	12.1	2.67	11.7	2.58	10.9	2.41
		11.0	9.8	14.1	3.01	13.3	2.84	12.5	2.67	12.1	2.59	11.7	2.50	10.9	2.34
		13.0	11.8	14.1	2.92	13.3	2.75	12.5	2.59	12.1	2.51	11.7	2.43	10.9	2.27
		15.0	13.7	14.1	2.84	13.3	2.68	12.5	2.52	12.1	2.44	11.7	2.37	10.9	2.22

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

10HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	325	-19.8	-20.0	18.9	4.08	18.8	4.45	18.7	4.82	18.7	5.00	18.7	5.18	18.6	5.55
		-18.8	-19.0	19.5	4.28	19.4	4.64	19.3	4.99	19.3	5.17	19.2	5.35	19.2	5.71
		-16.7	-17.0	20.6	4.65	20.5	4.98	20.4	5.32	20.4	5.49	20.3	5.65	20.3	5.99
		-13.7	-15.0	21.7	4.97	21.6	5.29	21.5	5.61	21.5	5.77	21.5	5.93	21.4	6.24
		-11.8	-13.0	22.8	5.26	22.7	5.57	22.6	5.87	22.6	6.02	22.6	6.17	22.5	6.47
		-9.8	-11.0	23.9	5.53	23.8	5.82	23.8	6.10	23.7	6.25	23.7	6.39	23.6	6.68
		-9.5	-10.0	24.5	5.65	24.4	5.93	24.3	6.21	24.3	6.35	24.2	6.50	24.2	6.78
		-8.5	-9.1	25.0	5.76	24.9	6.03	24.8	6.31	24.8	6.45	24.7	6.58	24.7	6.86
		-7.0	-7.6	25.8	5.93	25.7	6.19	25.6	6.46	25.6	6.59	25.6	6.72	25.5	6.99
		-5.0	-5.6	26.9	6.13	26.8	6.39	26.8	6.64	26.7	6.77	26.7	6.90	26.6	7.15
		-3.0	-3.7	28.0	6.32	27.9	6.56	27.8	6.80	27.8	6.93	27.7	7.05	27.7	7.29
		0.0	-0.7	29.6	6.58	29.6	6.81	29.5	7.04	29.5	7.15	29.4	7.27	29.3	7.50
		3.0	2.2	31.2	6.80	31.2	7.02	31.1	7.24	31.1	7.35	31.0	7.46	31.0	7.67
		5.0	4.1	32.3	6.94	32.2	7.15	32.2	7.36	32.1	7.46	32.1	7.57	32.0	7.78
		7.0	6.0	33.4	7.06	33.3	7.27	33.2	7.47	33.2	7.57	33.1	7.68	33.1	7.88
		9.0	7.9	34.4	7.18	34.3	7.38	34.3	7.58	34.2	7.68	34.2	7.78	34.1	7.98
		11.0	9.8	35.5	7.30	35.4	7.49	35.3	7.68	35.3	7.78	35.3	7.87	35.2	8.06
		13.0	11.8	36.6	7.41	36.5	7.59	36.4	7.78	36.4	7.87	36.4	7.97	35.7	7.94
		15.0	13.7	37.6	7.51	37.6	7.69	37.5	7.87	37.5	7.96	37.4	8.05	35.7	7.67
120%	300	-19.8	-20.0	18.8	4.58	18.7	4.92	18.7	5.26	18.6	5.43	18.6	5.60	18.5	5.94
		-18.8	-19.0	19.4	4.76	19.3	5.09	19.2	5.42	19.2	5.59	19.2	5.75	19.1	6.08
		-16.7	-17.0	20.5	5.10	20.4	5.41	20.3	5.72	20.3	5.88	20.3	6.03	20.2	6.34
		-13.7	-15.0	21.6	5.40	21.5	5.70	21.4	5.99	21.4	6.14	21.4	6.28	21.3	6.58
		-11.8	-13.0	22.7	5.67	22.6	5.95	22.6	6.23	22.5	6.37	22.5	6.51	22.4	6.79
		-9.8	-11.0	23.8	5.92	23.7	6.18	23.7	6.45	23.6	6.58	23.6	6.71	23.5	6.98
		-9.5	-10.0	24.4	6.03	24.3	6.29	24.2	6.55	24.2	6.68	24.2	6.81	24.1	7.07
		-8.5	-9.1	24.9	6.13	24.8	6.38	24.7	6.64	24.7	6.77	24.7	6.89	24.6	7.15
		-7.0	-7.6	25.7	6.29	25.6	6.53	25.6	6.78	25.5	6.90	25.5	7.02	25.4	7.27
		-5.0	-5.6	26.8	6.48	26.7	6.71	26.7	6.95	26.6	7.06	26.6	7.18	26.5	7.42
		-3.0	-3.7	27.9	6.65	27.8	6.87	27.7	7.10	27.7	7.21	27.7	7.32	27.6	7.55
		0.0	-0.7	29.5	6.89	29.5	7.10	29.4	7.31	29.4	7.42	29.3	7.53	29.3	7.74
		3.0	2.2	31.1	7.10	31.1	7.30	31.0	7.50	31.0	7.60	31.0	7.70	30.9	7.90
		5.0	4.1	32.2	7.22	32.1	7.42	32.1	7.61	32.0	7.71	32.0	7.81	31.9	8.00
		7.0	6.0	33.3	7.34	33.2	7.53	33.1	7.72	33.1	7.81	33.1	7.91	32.9	8.07
		9.0	7.9	34.3	7.45	34.3	7.63	34.2	7.82	34.2	7.91	34.1	8.00	32.9	7.77
		11.0	9.8	35.4	7.56	35.3	7.73	35.2	7.91	35.2	8.00	35.2	8.09	32.9	7.49
		13.0	11.8	36.5	7.66	36.4	7.83	36.4	8.00	36.3	8.09	35.4	7.85	32.9	7.22
		15.0	13.7	37.5	7.75	37.5	7.92	37.4	8.09	36.6	7.90	35.4	7.59	32.9	6.98
110%	275	-19.8	-20.0	18.7	5.08	18.6	5.39	18.6	5.70	18.5	5.85	18.5	6.01	18.5	6.32
		-18.8	-19.0	19.3	5.24	19.2	5.55	19.1	5.85	19.1	6.00	19.1	6.15	19.0	6.45
		-16.7	-17.0	20.4	5.55	20.3	5.84	20.2	6.12	20.2	6.27	20.2	6.41	20.1	6.69
		-13.7	-15.0	21.5	5.83	21.4	6.10	21.4	6.37	21.3	6.50	21.3	6.64	21.2	6.91
		-11.8	-13.0	22.6	6.08	22.5	6.34	22.5	6.59	22.4	6.72	22.4	6.85	22.4	7.10
		-9.8	-11.0	23.7	6.31	23.6	6.55	23.6	6.79	23.6	6.91	23.5	7.04	23.5	7.28
		-9.5	-10.0	24.3	6.41	24.2	6.65	24.1	6.89	24.1	7.01	24.1	7.12	24.0	7.36
		-8.5	-9.1	24.8	6.50	24.7	6.73	24.6	6.97	24.6	7.08	24.6	7.20	24.5	7.43
		-7.0	-7.6	25.6	6.64	25.5	6.87	25.5	7.09	25.4	7.21	25.4	7.32	25.4	7.54
		-5.0	-5.6	26.7	6.82	26.7	7.04	26.6	7.25	26.6	7.36	26.5	7.47	26.5	7.68
		-3.0	-3.7	27.8	6.98	27.7	7.18	27.6	7.39	27.6	7.49	27.6	7.60	27.5	7.80
		0.0	-0.7	29.4	7.20	29.4	7.39	29.3	7.59	29.3	7.69	29.3	7.78	29.2	7.98
		3.0	2.2	31.1	7.39	31.0	7.58	30.9	7.76	30.9	7.85	30.9	7.94	30.2	7.88
		5.0	4.1	32.1	7.51	32.0	7.69	32.0	7.86	32.0	7.95	31.9	8.04	30.2	7.56
		7.0	6.0	33.2	7.62	33.1	7.79	33.0	7.96	33.0	8.05	32.4	7.92	30.2	7.27
		9.0	7.9	34.2	7.72	34.2	7.89	34.1	8.05	33.5	7.94	32.4	7.62	30.2	7.01
		11.0	9.8	35.3	7.82	35.2	7.98	34.7	7.96	33.5	7.65	32.4	7.35	30.2	6.76
		13.0	11.8	36.4	7.91	36.3	8.07	34.7	7.66	33.5	7.37	32.4	7.08	30.2	6.52
		15.0	13.7	37.5	8.00	36.9	7.98	34.7	7.40	33.5	7.12	32.4	6.85	30.2	6.31
100%	250	-19.8	-20.0	18.6	5.57	18.5	5.85	18.5	6.14	18.5	6.28	18.4	6.42	18.4	6.70
		-18.8	-19.0	19.2	5.73	19.1	6.00	19.0	6.27	19.0	6.41	19.0	6.55	18.9	6.82
		-16.7	-17.0	20.3	6.01	20.2	6.27	20.2	6.53	20.1	6.66	20.1	6.79	20.0	7.04
		-13.7	-15.0	21.4	6.26	21.3	6.51	21.3	6.75	21.2	6.87	21.2	7.00	21.2	7.24
		-11.8	-13.0	22.5	6.49	22.4	6.72	22.4	6.95	22.4	7.07	22.3	7.19	22.3	7.42
		-9.8	-11.0	23.6	6.69	23.6	6.92	23.5	7.14	23.5	7.25	23.4	7.36	23.4	7.58
		-9.5	-10.0	24.2	6.79	24.1	7.01	24.1	7.22	24.0	7.33	24.0	7.44	23.9	7.65
		-8.5	-9.1	24.7	6.87	24.6	7.08	24.6	7.30	24.5	7.40	24.5	7.51	24.4	7.72
		-7.0	-7.6	25.5	7.00	25.4	7.21	25.4	7.41	25.4	7.51	25.3	7.62	25.3	7.82
		-5.0	-5.6	26.6	7.17	26.6	7.36	26.5	7.56	26.5	7.65	26.4	7.75	26.4	7.95
		-3.0	-3.7	27.7	7.31	27.6	7.49	27.6	7.68	27.5	7.78	27.5	7.87	27.5	8.06
		0.0	-0.7	29.3	7.51	29.3	7.69	29.2	7.86	29.2	7.95	29.2	8.04	27.5	7.50
		3.0	2.2	31.0	7.69	30.9	7.85	30.8	8.02	30.5	7.97	29.5	7.65	27.5	7.04
		5.0	4.1	32.0	7.79	32.0	7.95	31.5	7.96	30.5	7.65	29.5	7.35	27.5	6.76
		7.0	6.0	33.1	7.89	33.0	8.05	31.5	7.65	30.5	7.36	29.5	7.07	27.5	6.51
		9.0	7.9	34.1	7.99	33.5	7.93	31.5	7.37	30.5	7.09	29.5	6.81	27.5	6.27
		11.0	9.8	35.2	8.07	33.5	7.65	31.5	7.10	30.5	6.84	29.5	6.57	27.5	6.06
		13.0	11.8	35.5	7.90	33.5	7.37	31.5	6.85	30.5	6.59	29.5	6.34	27.5	5.85
		15.0	13.7	35.5	7.63	33.5	7.12	31.5	6.62	30.5	6.38	29.5	6.13	27.5	5.66
90%	225	-19.8	-20.0	18.5	6.07	18.5	6.32	18.4	6.58	18.4	6.71	18.4	6.83	18.3	7.09
		-18.8	-19.0	19.1	6.21	19.0	6.46	19.0	6.70	18.9	6.83	18.9	6.95	18.9	7.20
		-16.7	-17.0	20.2	6.46	20.1	6.70	20.1	6.93	20.0	7.05	20.0	7.16	20.0	7.39
		-13.7	-15.0	21.3	6.69	21.2	6.91	21.2	7.13	21.2	7.24	21.1	7.35	21.1	7.57
		-11.8	-13.0	22.4	6.90	22.3	7.11	22.3	7.32	22.3	7.42	22.2	7.52	22.2	7.73
		-9.8	-11.0	23.5	7.08	23.5	7.28	23.4	7.48	23.4	7.58	23.4	7.68	23.3	7.88
		-9.5	-10.0	24.1	7.17	24.0	7.36	24.0	7.56	23.9	7.66	23.9	7.75	23.9	7.95
		-8.5	-9.1	24.6	7.24	24.5	7.43	24.5	7.63	24.4	7.72	24.4	7.82	24.4	8.01
		-7.0	-7.6	25.4	7.36	25.4	7.55	25.3	7.73	25.3	7.82	25.3	7.91	24.7	7.85
		-5.0	-5.6	26.5	7.51	26.5	7.68	26.4	7.86	26.4	7.95	26.4	8.04	24.7	7.45
		-3.0	-3.7	27.6	7.64	27.5	7.81	27.5	7.98	27.4	8.05	26.5	7.73	24.7	7.11
		0.0	-0.7	29.2	7.82	29.2	7.98	28.4	7.80	27.4	7.50	26.5	7.20	24.7	6.63
		3.0	2.2	30.9	7.98	30.2	7.87	28.4	7.31	27.4	7.03	26.5	6.76	24.7	6.23
		5.0	4.1	31.9	8.08	30.2	7.56	28.4	7.02	27.4	6.76	26.5	6.50	24.7	5.99
		7.0	6.0	32.0	7.79	30.2	7.27	28.4	6.76	27.4	6.50	26.5	6.26	24.7	5.77
		9.0	7.9	32.0	7.50	30.2	7.00	28.4	6.51	27.4	6.27	26.5	6.03	24.7	5.57
		11.0	9.8	32.0	7.23	30.2	6.75	28.4	6.29	27.4	6.06	26.5	5.83	24.7	5.38
		13.0	11.8	32.0	6.97	30.2	6.51	28.4	6.06	27.4	5.84	26.5	5.63	24.7	5.20
		15.0	13.7	32.0	6.74	30.2	6.30	28.4	5.87	27.4	5.66	26.5	5.45	24.7	5.04

3 Capacity tables

3 - 2 Heating capacity tables

10HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	200	-19.8	-20.0	18.4	6.57	18.4	6.79	18.3	7.02	18.3	7.13	18.3	7.24	18.2	7.47
		-18.8	-19.0	19.0	6.69	18.9	6.91	18.9	7.13	18.9	7.24	18.8	7.35	18.8	7.57
		-16.7	-17.0	20.1	6.92	20.0	7.12	20.0	7.33	20.0	7.44	19.9	7.54	19.9	7.75
		-13.7	-15.0	21.2	7.12	21.1	7.32	21.1	7.51	21.1	7.61	21.1	7.71	21.0	7.90
		-11.8	-13.0	22.3	7.31	22.3	7.49	22.2	7.68	22.2	7.77	22.2	7.86	22.0	7.96
		-9.8	-11.0	23.4	7.47	23.4	7.65	23.3	7.83	23.3	7.91	23.3	8.00	22.0	7.49
		-9.5	-10.0	24.0	7.55	23.9	7.72	23.9	7.89	23.9	7.98	23.6	7.93	22.0	7.28
		-8.5	-9.1	24.5	7.62	24.4	7.78	24.4	7.95	24.4	8.04	23.6	7.73	22.0	7.11
		-7.0	-7.6	25.3	7.72	25.3	7.88	25.2	8.04	24.4	7.73	23.6	7.42	22.0	6.83
		-5.0	-5.6	26.4	7.85	26.4	8.01	25.2	7.63	24.4	7.34	23.6	7.05	22.0	6.49
		-3.0	-3.7	27.5	7.97	26.8	7.84	25.2	7.28	24.4	7.00	23.6	6.73	22.0	6.20
		0.0	-0.7	28.4	7.83	26.8	7.30	25.2	6.78	24.4	6.53	23.6	6.28	22.0	5.79
		3.0	2.2	28.4	7.33	26.8	6.85	25.2	6.37	24.4	6.14	23.6	5.91	22.0	5.45
		5.0	4.1	28.4	7.05	26.8	6.58	25.2	6.13	24.4	5.90	23.6	5.68	22.0	5.25
		7.0	6.0	28.4	6.78	26.8	6.34	25.2	5.90	24.4	5.69	23.6	5.48	22.0	5.07
		9.0	7.9	28.4	6.53	26.8	6.11	25.2	5.70	24.4	5.49	23.6	5.29	22.0	4.90
		11.0	9.8	28.4	6.31	26.8	5.90	25.2	5.50	24.4	5.31	23.6	5.12	22.0	4.74
		13.0	11.8	28.4	6.09	26.8	5.70	25.2	5.32	24.4	5.13	23.6	4.94	22.0	4.58
		15.0	13.7	28.4	5.89	26.8	5.52	25.2	5.15	24.4	4.97	23.6	4.79	22.0	4.44
70%	175	-19.8	-20.0	18.3	7.06	18.3	7.26	18.2	7.46	18.2	7.56	18.2	7.66	18.2	7.85
		-18.8	-19.0	18.9	7.17	18.8	7.36	18.8	7.56	18.8	7.65	18.7	7.75	18.7	7.94
		-16.7	-17.0	20.0	7.37	19.9	7.55	19.9	7.73	19.9	7.82	19.9	7.92	19.2	7.71
		-13.7	-15.0	21.1	7.55	21.1	7.72	21.0	7.89	21.0	7.98	20.6	7.86	19.2	7.22
		-11.8	-13.0	22.2	7.71	22.2	7.88	22.1	7.99	21.3	7.69	20.6	7.38	19.2	6.79
		-9.8	-11.0	23.3	7.86	23.3	8.01	22.1	7.53	21.3	7.24	20.6	6.96	19.2	6.41
		-9.5	-10.0	23.9	7.93	23.5	7.88	22.1	7.32	21.3	7.04	20.6	6.77	19.2	6.24
		-8.5	-9.1	24.4	7.99	23.5	7.69	22.1	7.14	21.3	6.87	20.6	6.61	19.2	6.09
		-7.0	-7.6	24.9	7.92	23.5	7.38	22.1	6.86	21.3	6.60	20.6	6.35	19.2	5.86
		-5.0	-5.6	24.9	7.51	23.5	7.01	22.1	6.52	21.3	6.28	20.6	6.04	19.2	5.58
		-3.0	-3.7	24.9	7.17	23.5	6.69	22.1	6.23	21.3	6.00	20.6	5.78	19.2	5.34
		0.0	-0.7	24.9	6.68	23.5	6.25	22.1	5.82	21.3	5.61	20.6	5.40	19.2	5.00
		3.0	2.2	24.9	6.28	23.5	5.87	22.1	5.48	21.3	5.28	20.6	5.09	19.2	4.71
		5.0	4.1	24.9	6.04	23.5	5.65	22.1	5.28	21.3	5.09	20.6	4.91	19.2	4.55
		7.0	6.0	24.9	5.82	23.5	5.45	22.1	5.09	21.3	4.91	20.6	4.74	19.2	4.39
		9.0	7.9	24.9	5.62	23.5	5.26	22.1	4.92	21.3	4.75	20.6	4.58	19.2	4.25
		11.0	9.8	24.9	5.43	23.5	5.09	22.1	4.76	21.3	4.59	20.6	4.43	19.2	4.12
		13.0	11.8	24.9	5.24	23.5	4.92	22.1	4.60	21.3	4.44	20.6	4.29	19.2	3.99
		15.0	13.7	24.9	5.08	23.5	4.77	22.1	4.46	21.3	4.31	20.6	4.16	19.2	3.87
60%	150	-19.8	-20.0	18.2	7.56	18.2	7.73	18.1	7.90	18.1	7.98	17.7	7.77	16.5	7.14
		-18.8	-19.0	18.8	7.65	18.7	7.82	18.7	7.98	18.3	7.80	17.7	7.49	16.5	6.89
		-16.7	-17.0	19.9	7.83	19.8	7.98	18.9	7.56	18.3	7.27	17.7	6.99	16.5	6.43
		-13.7	-15.0	21.0	7.98	20.1	7.62	18.9	7.08	18.3	6.81	17.7	6.55	16.5	6.04
		-11.8	-13.0	21.3	7.68	20.1	7.16	18.9	6.66	18.3	6.41	17.7	6.17	16.5	5.69
		-9.8	-11.0	21.3	7.24	20.1	6.76	18.9	6.29	18.3	6.06	17.7	5.83	16.5	5.38
		-9.5	-10.0	21.3	7.04	20.1	6.57	18.9	6.12	18.3	5.90	17.7	5.68	16.5	5.24
		-8.5	-9.1	21.3	6.87	20.1	6.41	18.9	5.97	18.3	5.76	17.7	5.54	16.5	5.12
		-7.0	-7.6	21.3	6.60	20.1	6.17	18.9	5.75	18.3	5.54	17.7	5.34	16.5	4.94
		-5.0	-5.6	21.3	6.27	20.1	5.87	18.9	5.47	18.3	5.28	17.7	5.09	16.5	4.71
		-3.0	-3.7	21.3	6.00	20.1	5.61	18.9	5.24	18.3	5.06	17.7	4.87	16.5	4.52
		0.0	-0.7	21.3	5.61	20.1	5.25	18.9	4.91	18.3	4.74	17.7	4.57	16.5	4.24
		3.0	2.2	21.3	5.28	20.1	4.95	18.9	4.63	18.3	4.47	17.7	4.32	16.5	4.01
		5.0	4.1	21.3	5.09	20.1	4.77	18.9	4.47	18.3	4.32	17.7	4.17	16.5	3.87
		7.0	6.0	21.3	4.91	20.1	4.61	18.9	4.32	18.3	4.17	17.7	4.03	16.5	3.75
		9.0	7.9	21.3	4.74	20.1	4.46	18.9	4.18	18.3	4.04	17.7	3.90	16.5	3.63
		11.0	9.8	21.3	4.59	20.1	4.32	18.9	4.05	18.3	3.91	17.7	3.78	16.5	3.52
		13.0	11.8	21.3	4.44	20.1	4.18	18.9	3.92	18.3	3.79	17.7	3.67	16.5	3.42
		15.0	13.7	21.3	4.31	20.1	4.06	18.9	3.81	18.3	3.68	17.7	3.56	16.5	3.32
50%	125	-19.8	-20.0	17.8	7.82	16.8	7.29	15.8	6.78	15.2	6.52	14.7	6.28	13.7	5.79
		-18.8	-19.0	17.8	7.54	16.8	7.03	15.8	6.54	15.2	6.30	14.7	6.06	13.7	5.59
		-16.7	-17.0	17.8	7.03	16.8	6.57	15.8	6.11	15.2	5.89	14.7	5.67	13.7	5.24
		-13.7	-15.0	17.8	6.59	16.8	6.16	15.8	5.74	15.2	5.53	14.7	5.33	13.7	4.93
		-11.8	-13.0	17.8	6.20	16.8	5.80	15.8	5.41	15.2	5.22	14.7	5.03	13.7	4.66
		-9.8	-11.0	17.8	5.86	16.8	5.49	15.8	5.13	15.2	4.95	14.7	4.77	13.7	4.42
		-9.5	-10.0	17.8	5.71	16.8	5.35	15.8	4.99	15.2	4.82	14.7	4.65	13.7	4.31
		-8.5	-9.1	17.8	5.57	16.8	5.22	15.8	4.88	15.2	4.71	14.7	4.55	13.7	4.22
		-7.0	-7.6	17.8	5.37	16.8	5.03	15.8	4.71	15.2	4.54	14.7	4.39	13.7	4.07
		-5.0	-5.6	17.8	5.12	16.8	4.80	15.8	4.49	15.2	4.34	14.7	4.19	13.7	3.89
		-3.0	-3.7	17.8	4.90	16.8	4.60	15.8	4.31	15.2	4.16	14.7	4.02	13.7	3.74
		0.0	-0.7	17.8	4.60	16.8	4.32	15.8	4.05	15.2	3.92	14.7	3.79	13.7	3.53
		3.0	2.2	17.8	4.34	16.8	4.08	15.8	3.83	15.2	3.71	14.7	3.59	13.7	3.34
		5.0	4.1	17.8	4.19	16.8	3.94	15.8	3.70	15.2	3.58	14.7	3.47	13.7	3.24
		7.0	6.0	17.8	4.05	16.8	3.82	15.8	3.58	15.2	3.47	14.7	3.36	13.7	3.14
		9.0	7.9	17.8	3.92	16.8	3.70	15.8	3.47	15.2	3.36	14.7	3.26	13.7	3.04
		11.0	9.8	17.8	3.80	16.8	3.58	15.8	3.37	15.2	3.27	14.7	3.16	13.7	2.96
		13.0	11.8	17.8	3.68	16.8	3.48	15.8	3.27	15.2	3.17	14.7	3.07	13.7	2.87
		15.0	13.7	17.8	3.58	16.8	3.38	15.8	3.18	15.2	3.08	14.7	2.99	13.7	2.80

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

12HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	390	-19.8	-20.0	22.6	4.99	22.5	5.43	22.4	5.88	22.3	6.10	22.3	6.32	22.2	6.77
		-18.8	-19.0	23.2	5.23	23.1	5.66	23.0	6.09	23.0	6.31	23.0	6.52	22.9	6.95
		-16.7	-17.0	24.5	5.66	24.5	6.07	24.4	6.48	24.3	6.68	24.3	6.89	24.2	7.29
		-13.7	-15.0	25.9	6.06	25.8	6.44	25.7	6.83	25.7	7.02	25.6	7.21	25.5	7.60
		-11.8	-13.0	27.2	6.41	27.1	6.77	27.0	7.14	27.0	7.32	26.9	7.50	26.9	7.87
		-9.8	-11.0	28.5	6.72	28.4	7.07	28.4	7.42	28.3	7.59	28.3	7.77	28.2	8.11
		-9.5	-10.0	29.2	6.87	29.1	7.21	29.0	7.55	29.0	7.72	28.9	7.89	28.9	8.23
		-8.5	-9.1	29.8	7.00	29.7	7.33	29.6	7.66	29.6	7.83	29.5	7.99	29.5	8.33
		-7.0	-7.6	30.8	7.20	30.7	7.52	30.6	7.84	30.6	8.00	30.5	8.16	30.4	8.48
		-5.0	-5.6	32.1	7.44	32.0	7.75	31.9	8.06	31.9	8.21	31.9	8.36	31.8	8.67
		-3.0	-3.7	33.4	7.66	33.3	7.95	33.2	8.25	33.2	8.40	33.1	8.54	33.0	8.84
		0.0	-0.7	35.4	7.97	35.3	8.24	35.2	8.52	35.2	8.66	35.1	8.80	35.0	9.08
		3.0	2.2	37.3	8.23	37.2	8.49	37.1	8.76	37.1	8.89	37.0	9.02	37.0	9.28
		5.0	4.1	38.6	8.39	38.5	8.64	38.4	8.90	38.4	9.02	38.3	9.15	38.2	9.41
		7.0	6.0	39.8	8.54	39.7	8.78	39.7	9.03	39.6	9.15	39.6	9.28	39.5	9.52
		9.0	7.9	41.1	8.68	41.0	8.92	40.9	9.15	40.9	9.27	40.8	9.39	40.7	9.63
		11.0	9.8	42.4	8.81	42.3	9.04	42.2	9.27	42.1	9.39	42.1	9.50	42.0	9.73
		13.0	11.8	43.7	8.94	43.6	9.16	43.5	9.39	43.5	9.50	43.4	9.61	42.5	9.53
		15.0	13.7	44.9	9.06	44.9	9.27	44.8	9.49	44.7	9.60	44.7	9.71	42.5	9.20
120%	360	-19.8	-20.0	22.4	5.59	22.4	6.00	22.3	6.41	22.2	6.62	22.2	6.82	22.1	7.23
		-18.8	-19.0	23.1	5.81	23.0	6.21	22.9	6.61	22.9	6.81	22.9	7.01	22.8	7.40
		-16.7	-17.0	24.4	6.21	24.4	6.59	24.3	6.97	24.2	7.15	24.2	7.34	24.1	7.72
		-13.7	-15.0	25.8	6.58	25.7	6.93	25.6	7.29	25.6	7.46	25.5	7.64	25.4	8.00
		-11.8	-13.0	27.1	6.90	27.0	7.24	26.9	7.57	26.9	7.74	26.9	7.91	26.8	8.25
		-9.8	-11.0	28.4	7.19	28.3	7.51	28.3	7.83	28.2	7.99	28.2	8.15	28.1	8.48
		-9.5	-10.0	29.1	7.33	29.0	7.64	28.9	7.96	28.9	8.11	28.8	8.27	28.8	8.58
		-8.5	-9.1	29.7	7.45	29.6	7.75	29.5	8.06	29.5	8.21	29.4	8.37	29.4	8.67
		-7.0	-7.6	30.7	7.63	30.6	7.93	30.5	8.22	30.5	8.37	30.4	8.52	30.4	8.81
		-5.0	-5.6	32.0	7.86	31.9	8.14	31.8	8.42	31.8	8.57	31.8	8.71	31.7	8.99
		-3.0	-3.7	33.3	8.06	33.2	8.33	33.1	8.60	33.1	8.74	33.0	8.87	33.0	9.15
		0.0	-0.7	35.3	8.34	35.2	8.60	35.1	8.85	35.1	8.98	35.0	9.11	34.9	9.37
		3.0	2.2	37.2	8.59	37.1	8.83	37.0	9.07	37.0	9.19	36.9	9.31	36.9	9.56
		5.0	4.1	38.4	8.73	38.4	8.97	38.3	9.20	38.3	9.32	38.2	9.44	38.1	9.67
		7.0	6.0	39.7	8.87	39.6	9.10	39.6	9.32	39.5	9.44	39.5	9.55	39.2	9.71
		9.0	7.9	41.0	9.00	40.9	9.22	40.8	9.44	40.8	9.55	40.7	9.66	39.2	9.34
		11.0	9.8	42.2	9.12	42.2	9.33	42.1	9.55	42.0	9.65	42.0	9.76	39.2	9.00
		13.0	11.8	43.6	9.24	43.5	9.45	43.4	9.65	43.4	9.76	42.1	9.43	39.2	8.66
		15.0	13.7	44.8	9.35	44.7	9.55	44.7	9.75	43.6	9.48	42.1	9.11	39.2	8.37
110%	330	-19.8	-20.0	22.3	6.19	22.2	6.57	22.2	6.94	22.1	7.13	22.1	7.32	22.0	7.70
		-18.8	-19.0	23.0	6.39	22.9	6.76	22.8	7.12	22.8	7.31	22.8	7.49	22.7	7.85
		-16.7	-17.0	24.3	6.76	24.2	7.11	24.2	7.45	24.1	7.63	24.1	7.80	24.0	8.14
		-13.7	-15.0	25.6	7.10	25.6	7.42	25.5	7.75	25.5	7.91	25.4	8.07	25.4	8.40
		-11.8	-13.0	27.0	7.39	26.9	7.70	26.8	8.01	26.8	8.17	26.8	8.32	26.7	8.63
		-9.8	-11.0	28.3	7.66	28.2	7.96	28.2	8.25	28.1	8.40	28.1	8.54	28.0	8.84
		-9.5	-10.0	29.0	7.79	28.9	8.07	28.8	8.36	28.8	8.50	28.7	8.65	28.7	8.93
		-8.5	-9.1	29.6	7.89	29.5	8.18	29.4	8.46	29.4	8.60	29.3	8.74	29.3	9.02
		-7.0	-7.6	30.6	8.06	30.5	8.34	30.4	8.61	30.4	8.74	30.3	8.88	30.3	9.15
		-5.0	-5.6	31.9	8.27	31.8	8.53	31.7	8.79	31.7	8.92	31.7	9.05	31.6	9.31
		-3.0	-3.7	33.2	8.46	33.1	8.70	33.0	8.95	33.0	9.08	32.9	9.20	32.9	9.45
		0.0	-0.7	35.1	8.72	35.1	8.95	35.0	9.19	35.0	9.30	34.9	9.42	34.9	9.66
		3.0	2.2	37.1	8.94	37.0	9.16	36.9	9.39	36.9	9.50	36.9	9.61	35.9	9.49
		5.0	4.1	38.3	9.08	38.3	9.29	38.2	9.51	38.2	9.61	38.1	9.72	35.9	9.10
		7.0	6.0	39.6	9.20	39.5	9.41	39.5	9.62	39.4	9.72	38.6	9.52	35.9	8.75
		9.0	7.9	40.9	9.32	40.8	9.52	40.7	9.72	39.9	9.54	38.6	9.16	35.9	8.42
		11.0	9.8	42.1	9.43	42.0	9.63	41.3	9.56	39.9	9.19	38.6	8.83	35.9	8.12
		13.0	11.8	43.4	9.54	43.4	9.73	41.3	9.20	39.9	8.85	38.6	8.50	35.9	7.83
		15.0	13.7	44.7	9.64	43.9	9.57	41.3	8.89	39.9	8.55	38.6	8.22	35.9	7.57
100%	300	-19.8	-20.0	22.2	6.79	22.1	7.13	22.1	7.48	22.0	7.65	22.0	7.82	21.9	8.16
		-18.8	-19.0	22.9	6.98	22.8	7.31	22.7	7.64	22.7	7.81	22.7	7.97	22.6	8.30
		-16.7	-17.0	24.2	7.31	24.1	7.63	24.1	7.94	24.0	8.10	24.0	8.25	23.9	8.57
		-13.7	-15.0	25.5	7.62	25.5	7.91	25.4	8.21	25.4	8.36	25.3	8.50	25.3	8.80
		-11.8	-13.0	26.9	7.89	26.8	8.17	26.7	8.45	26.7	8.59	26.7	8.73	26.6	9.01
		-9.8	-11.0	28.2	8.13	28.1	8.40	28.1	8.67	28.0	8.80	28.0	8.93	27.9	9.20
		-9.5	-10.0	28.8	8.25	28.8	8.51	28.7	8.77	28.7	8.90	28.7	9.03	28.6	9.29
		-8.5	-9.1	29.4	8.34	29.4	8.60	29.3	8.85	29.3	8.98	29.2	9.11	29.2	9.36
		-7.0	-7.6	30.4	8.50	30.4	8.74	30.3	8.99	30.3	9.11	30.2	9.24	30.2	9.48
		-5.0	-5.6	31.8	8.69	31.7	8.92	31.6	9.16	31.6	9.28	31.6	9.39	31.5	9.63
		-3.0	-3.7	33.0	8.85	33.0	9.08	32.9	9.31	32.9	9.42	32.8	9.53	32.7	9.72
		0.0	-0.7	35.0	9.09	35.0	9.30	34.9	9.52	34.9	9.62	34.8	9.73	32.7	9.04
		3.0	2.2	37.0	9.30	36.9	9.50	36.8	9.70	36.3	9.60	35.1	9.21	32.7	8.47
		5.0	4.1	38.2	9.42	38.2	9.61	37.5	9.57	36.3	9.21	35.1	8.84	32.7	8.13
		7.0	6.0	39.5	9.53	39.4	9.72	37.5	9.20	36.3	8.85	35.1	8.50	32.7	7.83
		9.0	7.9	40.7	9.64	39.9	9.54	37.5	8.85	36.3	8.52	35.1	8.19	32.7	7.54
		11.0	9.8	42.0	9.74	39.9	9.19	37.5	8.53	36.3	8.21	35.1	7.90	32.7	7.28
		13.0	11.8	42.3	9.49	39.9	8.85	37.5	8.22	36.3	7.92	35.1	7.61	32.7	7.02
		15.0	13.7	42.3	9.16	39.9	8.55	37.5	7.95	36.3	7.65	35.1	7.36	32.7	6.79
90%	270	-19.8	-20.0	22.1	7.39	22.0	7.70	22.0	8.01	21.9	8.16	21.9	8.32	21.9	8.63
		-18.8	-19.0	22.8	7.56	22.7	7.86	22.6	8.16	22.6	8.31	22.6	8.46	22.5	8.76
		-16.7	-17.0	24.1	7.86	24.0	8.15	24.0	8.43	23.9	8.57	23.9	8.71	23.8	8.99
		-13.7	-15.0	25.4	8.14	25.4	8.40	25.3	8.67	25.3	8.80	25.2	8.94	25.2	9.20
		-11.8	-13.0	26.7	8.38	26.7	8.63	26.6	8.89	26.6	9.01	26.6	9.14	26.5	9.39
		-9.8	-11.0	28.1	8.60	28.0	8.84	28.0	9.08	27.9	9.20	27.9	9.32	27.8	9.56
		-9.5	-10.0	28.7	8.70	28.7	8.94	28.6	9.17	28.6	9.29	28.6	9.41	28.5	9.64
		-8.5	-9.1	29.3	8.79	29.3	9.02	29.2	9.25	29.2	9.37	29.2	9.48	29.1	9.71
		-7.0	-7.6	30.3	8.93	30.3	9.15	30.2	9.37	30.2	9.48	30.2	9.60	29.4	9.47
		-5.0	-5.6	31.7	9.10	31.6	9.31	31.5	9.53	31.5	9.63	31.5	9.74	29.4	8.99
		-3.0	-3.7	32.9	9.25	32.9	9.46	32.8	9.66	32.7	9.71	31.6	9.33	29.4	8.57
		0.0	-0.7	34.9	9.47	34.9	9.66	33.8	9.39	32.7	9.03	31.6	8.68	29.4	7.99
		3.0	2.2	36.8	9.65	35.9	9.48	33.8	8.80	32.7	8.46	31.6	8.14	29.4	7.50
		5.0	4.1	38.1	9.76	35.9	9.09	33.8	8.45	32.7	8.13	31.6	7.82	29.4	7.21
		7.0	6.0	38.1	9.37	35.9	8.74	33.8	8.12	32.7	7.82	31.6	7.53	29.4	6.94
		9.0	7.9	38.1	9.02	35.9	8.41	33.8	7.83	32.7	7.54	31.6	7.25	29.4	6.70
		11.0	9.8	38.1	8.69	35.9	8.11	33.8	7.55	32.7	7.28	31.6	7.00	29.4	6.47
		13.0	11.8	38.1	8.37	35.9	7.82	33.8	7.28	32.7	7.02	31.6	6.76	29.4	6.25
		15.0	13.7	38.1	8.09	35.9	7.56	33.8	7.04	32.7	6.79	31.6	6.54	29.4	6.05

3 Capacity tables

3 - 2 Heating capacity tables

12HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	240	-19.8	-20.0	22.0	7.99	21.9	8.27	21.9	8.54	21.8	8.68	21.8	8.82	21.8	9.09
		-18.8	-19.0	22.6	8.14	22.6	8.41	22.5	8.67	22.5	8.81	22.5	8.94	22.4	9.21
		-16.7	-17.0	24.0	8.41	23.9	8.66	23.9	8.92	23.8	9.04	23.8	9.17	23.8	9.42
		-13.7	-15.0	25.3	8.66	25.2	8.89	25.2	9.13	25.2	9.25	25.1	9.37	25.1	9.60
		-11.8	-13.0	26.6	8.87	26.6	9.10	26.5	9.32	26.5	9.44	26.5	9.55	26.1	9.62
		-9.8	-11.0	28.0	9.07	27.9	9.28	27.8	9.50	27.8	9.60	27.8	9.71	26.1	9.05
		-9.5	-10.0	28.6	9.16	28.6	9.37	28.5	9.58	28.5	9.68	28.1	9.58	26.1	8.80
		-8.5	-9.1	29.2	9.24	29.2	9.44	29.1	9.65	29.0	9.72	28.1	9.34	26.1	8.58
		-7.0	-7.6	30.2	9.36	30.2	9.56	30.0	9.70	29.0	9.33	28.1	8.96	26.1	8.24
		-5.0	-5.6	31.5	9.52	31.5	9.70	30.0	9.20	29.0	8.85	28.1	8.50	26.1	7.83
		-3.0	-3.7	32.8	9.65	31.9	9.45	30.0	8.77	29.0	8.44	28.1	8.11	26.1	7.47
		0.0	-0.7	33.9	9.43	31.9	8.79	30.0	8.17	29.0	7.87	28.1	7.57	26.1	6.98
		3.0	2.2	33.9	8.83	31.9	8.24	30.0	7.67	29.0	7.39	28.1	7.11	26.1	6.56
		5.0	4.1	33.9	8.48	31.9	7.92	30.0	7.37	29.0	7.10	28.1	6.84	26.1	6.32
		7.0	6.0	33.9	8.15	31.9	7.62	30.0	7.10	29.0	6.84	28.1	6.59	26.1	6.09
		9.0	7.9	33.9	7.86	31.9	7.34	30.0	6.85	29.0	6.60	28.1	6.36	26.1	5.88
		11.0	9.8	33.9	7.58	31.9	7.09	30.0	6.61	29.0	6.38	28.1	6.15	26.1	5.69
		13.0	11.8	33.9	7.31	31.9	6.84	30.0	6.38	29.0	6.16	28.1	5.94	26.1	5.50
		15.0	13.7	33.9	7.07	31.9	6.62	30.0	6.18	29.0	5.97	28.1	5.75	26.1	5.33
70%	210	-19.8	-20.0	21.9	8.60	21.8	8.84	21.8	9.08	21.7	9.20	21.7	9.32	21.7	9.56
		-18.8	-19.0	22.5	8.73	22.5	8.96	22.4	9.19	22.4	9.31	22.4	9.42	22.3	9.66
		-16.7	-17.0	23.9	8.96	23.8	9.18	23.8	9.40	23.7	9.51	23.7	9.62	22.9	9.33
		-13.7	-15.0	25.2	9.18	25.1	9.38	25.1	9.59	25.1	9.69	24.6	9.51	22.9	8.73
		-11.8	-13.0	26.5	9.37	26.5	9.56	26.3	9.66	25.4	9.29	24.6	8.92	22.9	8.21
		-9.8	-11.0	27.8	9.54	27.8	9.73	26.3	9.10	25.4	8.75	24.6	8.41	22.9	7.74
		-9.5	-10.0	28.5	9.62	27.9	9.52	26.3	8.84	25.4	8.51	24.6	8.18	22.9	7.53
		-8.5	-9.1	29.1	9.69	27.9	9.28	26.3	8.62	25.4	8.30	24.6	7.98	22.9	7.35
		-7.0	-7.6	29.6	9.56	27.9	8.91	26.3	8.28	25.4	7.97	24.6	7.67	22.9	7.07
		-5.0	-5.6	29.6	9.06	27.9	8.46	26.3	7.86	25.4	7.57	24.6	7.29	22.9	6.73
		-3.0	-3.7	29.6	8.64	27.9	8.07	26.3	7.51	25.4	7.24	24.6	6.96	22.9	6.43
		0.0	-0.7	29.6	8.05	27.9	7.53	26.3	7.01	25.4	6.76	24.6	6.51	22.9	6.02
		3.0	2.2	29.6	7.56	27.9	7.07	26.3	6.59	25.4	6.36	24.6	6.13	22.9	5.68
		5.0	4.1	29.6	7.27	27.9	6.80	26.3	6.35	25.4	6.12	24.6	5.90	22.9	5.47
		7.0	6.0	29.6	7.00	27.9	6.55	26.3	6.12	25.4	5.91	24.6	5.70	22.9	5.28
		9.0	7.9	29.6	6.75	27.9	6.33	26.3	5.91	25.4	5.71	24.6	5.50	22.9	5.11
		11.0	9.8	29.6	6.52	27.9	6.11	26.3	5.72	25.4	5.52	24.6	5.33	22.9	4.95
		13.0	11.8	29.6	6.30	27.9	5.91	26.3	5.52	25.4	5.34	24.6	5.15	22.9	4.79
		15.0	13.7	29.6	6.10	27.9	5.72	26.3	5.36	25.4	5.18	24.6	5.00	22.9	4.65
60%	180	-19.8	-20.0	21.7	9.20	21.7	9.40	21.7	9.61	21.6	9.71	21.1	9.42	19.6	8.65
		-18.8	-19.0	22.4	9.31	22.4	9.51	22.3	9.71	21.8	9.45	21.1	9.07	19.6	8.34
		-16.7	-17.0	23.7	9.51	23.7	9.70	22.5	9.15	21.8	8.80	21.1	8.46	19.6	7.79
		-13.7	-15.0	25.1	9.70	23.9	9.22	22.5	8.56	21.8	8.24	21.1	7.93	19.6	7.30
		-11.8	-13.0	25.4	9.28	23.9	8.66	22.5	8.05	21.8	7.75	21.1	7.46	19.6	6.88
		-9.8	-11.0	25.4	8.75	23.9	8.16	22.5	7.60	21.8	7.32	21.1	7.04	19.6	6.51
		-9.5	-10.0	25.4	8.50	23.9	7.94	22.5	7.39	21.8	7.12	21.1	6.86	19.6	6.33
		-8.5	-9.1	25.4	8.29	23.9	7.75	22.5	7.21	21.8	6.95	21.1	6.69	19.6	6.19
		-7.0	-7.6	25.4	7.96	23.9	7.45	22.5	6.94	21.8	6.69	21.1	6.44	19.6	5.96
		-5.0	-5.6	25.4	7.57	23.9	7.08	22.5	6.60	21.8	6.37	21.1	6.14	19.6	5.68
		-3.0	-3.7	25.4	7.23	23.9	6.77	22.5	6.32	21.8	6.10	21.1	5.88	19.6	5.45
		0.0	-0.7	25.4	6.76	23.9	6.33	22.5	5.91	21.8	5.71	21.1	5.51	19.6	5.11
		3.0	2.2	25.4	6.36	23.9	5.96	22.5	5.58	21.8	5.39	21.1	5.20	19.6	4.83
		5.0	4.1	25.4	6.12	23.9	5.74	22.5	5.38	21.8	5.19	21.1	5.02	19.6	4.66
		7.0	6.0	25.4	5.90	23.9	5.54	22.5	5.19	21.8	5.02	21.1	4.85	19.6	4.51
		9.0	7.9	25.4	5.70	23.9	5.36	22.5	5.02	21.8	4.85	21.1	4.69	19.6	4.36
		11.0	9.8	25.4	5.52	23.9	5.19	22.5	4.86	21.8	4.70	21.1	4.54	19.6	4.23
		13.0	11.8	25.4	5.33	23.9	5.02	22.5	4.71	21.8	4.55	21.1	4.40	19.6	4.10
		15.0	13.7	25.4	5.17	23.9	4.87	22.5	4.57	21.8	4.42	21.1	4.27	19.6	3.99
50%	150	-19.8	-20.0	21.2	9.47	20.0	8.83	18.8	8.21	18.1	7.90	17.5	7.60	16.3	7.01
		-18.8	-19.0	21.2	9.13	20.0	8.51	18.8	7.92	18.1	7.62	17.5	7.34	16.3	6.77
		-16.7	-17.0	21.2	8.51	20.0	7.95	18.8	7.40	18.1	7.13	17.5	6.86	16.3	6.34
		-13.7	-15.0	21.2	7.97	20.0	7.45	18.8	6.94	18.1	6.69	17.5	6.45	16.3	5.96
		-11.8	-13.0	21.2	7.50	20.0	7.02	18.8	6.55	18.1	6.31	17.5	6.08	16.3	5.63
		-9.8	-11.0	21.2	7.08	20.0	6.63	18.8	6.19	18.1	5.98	17.5	5.76	16.3	5.34
		-9.5	-10.0	21.2	6.89	20.0	6.46	18.8	6.03	18.1	5.82	17.5	5.62	16.3	5.21
		-8.5	-9.1	21.2	6.73	20.0	6.31	18.8	5.89	18.1	5.69	17.5	5.49	16.3	5.09
		-7.0	-7.6	21.2	6.48	20.0	6.08	18.8	5.68	18.1	5.49	17.5	5.29	16.3	4.92
		-5.0	-5.6	21.2	6.17	20.0	5.79	18.8	5.42	18.1	5.24	17.5	5.05	16.3	4.70
		-3.0	-3.7	21.2	5.91	20.0	5.55	18.8	5.19	18.1	5.02	17.5	4.85	16.3	4.51
		0.0	-0.7	21.2	5.54	20.0	5.21	18.8	4.88	18.1	4.72	17.5	4.56	16.3	4.25
		3.0	2.2	21.2	5.23	20.0	4.92	18.8	4.61	18.1	4.46	17.5	4.32	16.3	4.02
		5.0	4.1	21.2	5.04	20.0	4.75	18.8	4.46	18.1	4.31	17.5	4.17	16.3	3.89
		7.0	6.0	21.2	4.87	20.0	4.59	18.8	4.31	18.1	4.17	17.5	4.04	16.3	3.77
		9.0	7.9	21.2	4.71	20.0	4.44	18.8	4.18	18.1	4.04	17.5	3.91	16.3	3.66
		11.0	9.8	21.2	4.57	20.0	4.31	18.8	4.05	18.1	3.92	17.5	3.80	16.3	3.55
		13.0	11.8	21.2	4.42	20.0	4.17	18.8	3.93	18.1	3.81	17.5	3.69	16.3	3.45
		15.0	13.7	21.2	4.30	20.0	4.06	18.8	3.82	18.1	3.70	17.5	3.59	16.3	3.36

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

14HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	455	-19.8	-20.0	25.0	5.44	24.9	6.06	24.8	6.67	24.7	6.98	24.7	7.29	24.6	7.91
		-18.8	-19.0	25.9	5.84	25.7	6.43	25.6	7.02	25.6	7.32	25.5	7.62	25.4	8.21
		-16.7	-17.0	27.6	6.55	27.5	7.10	27.4	7.66	27.3	7.93	27.3	8.21	27.2	8.76
		-13.7	-15.0	29.4	7.17	29.3	7.69	29.2	8.21	29.1	8.47	29.0	8.73	28.9	9.24
		-11.8	-13.0	31.1	7.72	31.0	8.20	30.9	8.69	30.9	8.94	30.8	9.18	30.7	9.67
		-9.8	-11.0	32.9	8.20	32.8	8.66	32.7	9.12	32.6	9.35	32.6	9.58	32.5	10.0
		-9.5	-10.0	33.7	8.42	33.6	8.87	33.5	9.32	33.5	9.55	33.4	9.77	33.3	10.2
		-8.5	-9.1	34.5	8.62	34.4	9.05	34.3	9.49	34.3	9.71	34.2	9.93	34.1	10.4
		-7.0	-7.6	35.8	8.91	35.7	9.33	35.6	9.75	35.6	9.97	35.5	10.2	35.4	10.6
		-5.0	-5.6	37.6	9.28	37.5	9.68	37.4	10.1	37.3	10.3	37.3	10.5	37.2	10.9
		-3.0	-3.7	39.3	9.59	39.2	9.97	39.1	10.4	39.0	10.5	39.0	10.7	38.9	11.1
		0.0	-0.7	41.9	10.0	41.8	10.4	41.7	10.8	41.6	10.9	41.6	11.1	41.5	11.5
		3.0	2.2	44.4	10.4	44.3	10.8	44.2	11.1	44.2	11.3	44.1	11.4	44.0	11.8
		5.0	4.1	46.1	10.6	46.0	11.0	45.9	11.3	45.8	11.4	45.8	11.6	45.7	11.9
		7.0	6.0	47.8	10.8	47.7	11.2	47.6	11.5	47.5	11.6	47.5	11.8	47.4	12.1
		9.0	7.9	49.4	11.0	49.3	11.3	49.2	11.6	49.2	11.8	49.1	11.9	49.0	12.2
		11.0	9.8	51.1	11.2	51.0	11.5	50.9	11.8	50.8	12.0	50.8	12.1	50.7	12.4
		13.0	11.8	52.8	11.4	52.7	11.7	52.6	12.0	52.6	12.1	52.5	12.2	51.0	12.0
		15.0	13.7	54.5	11.6	54.4	11.8	54.3	12.1	54.3	12.2	54.2	12.4	51.0	11.5
120%	420	-19.8	-20.0	24.8	6.27	24.7	6.84	24.6	7.41	24.6	7.70	24.6	7.98	24.5	8.55
		-18.8	-19.0	25.7	6.64	25.6	7.19	25.5	7.74	25.5	8.01	25.4	8.29	25.3	8.83
		-16.7	-17.0	27.5	7.30	27.4	7.81	27.3	8.32	27.2	8.57	27.2	8.83	27.1	9.34
		-13.7	-15.0	29.2	7.87	29.1	8.35	29.0	8.83	29.0	9.07	28.9	9.31	28.8	9.79
		-11.8	-13.0	31.0	8.37	30.9	8.83	30.8	9.28	30.7	9.50	30.7	9.73	30.6	10.2
		-9.8	-11.0	32.7	8.82	32.6	9.25	32.5	9.67	32.5	9.89	32.4	10.1	32.3	10.5
		-9.5	-10.0	33.6	9.03	33.5	9.44	33.4	9.86	33.4	10.1	33.3	10.3	33.2	10.7
		-8.5	-9.1	34.4	9.21	34.3	9.61	34.2	10.0	34.2	10.2	34.1	10.4	34.0	10.8
		-7.0	-7.6	35.7	9.48	35.6	9.87	35.5	10.3	35.5	10.5	35.4	10.6	35.3	11.0
		-5.0	-5.6	37.5	9.82	37.4	10.2	37.3	10.6	37.2	10.7	37.2	10.9	37.1	11.3
		-3.0	-3.7	39.1	10.1	39.0	10.5	38.9	10.8	38.9	11.0	38.8	11.2	38.7	11.5
		0.0	-0.7	41.8	10.5	41.7	10.8	41.6	11.2	41.5	11.3	41.5	11.5	41.4	11.8
		3.0	2.2	44.3	10.9	44.2	11.2	44.1	11.5	44.1	11.6	44.0	11.8	43.9	12.1
		5.0	4.1	46.0	11.1	45.9	11.4	45.8	11.7	45.7	11.8	45.7	12.0	45.6	12.3
		7.0	6.0	47.6	11.3	47.5	11.6	47.4	11.8	47.4	12.0	47.3	12.1	47.1	12.3
		9.0	7.9	49.3	11.4	49.2	11.7	49.1	12.0	49.1	12.1	49.0	12.3	47.1	11.8
		11.0	9.8	51.0	11.6	50.9	11.9	50.8	12.2	50.7	12.3	50.5	12.4	47.1	11.4
		13.0	11.8	52.7	11.8	52.6	12.0	52.5	12.3	52.3	12.4	50.5	11.9	47.1	10.9
		15.0	13.7	54.4	11.9	54.3	12.2	54.0	12.4	52.3	11.9	50.5	11.4	47.1	10.5
110%	385	-19.8	-20.0	24.7	7.11	24.6	7.63	24.5	8.15	24.5	8.41	24.4	8.67	24.4	9.20
		-18.8	-19.0	25.6	7.44	25.5	7.95	25.4	8.45	25.4	8.70	25.3	8.95	25.2	9.45
		-16.7	-17.0	27.3	8.04	27.2	8.51	27.2	8.98	27.1	9.22	27.1	9.45	27.0	9.92
		-13.7	-15.0	29.1	8.57	29.0	9.01	28.9	9.45	28.9	9.67	28.8	9.89	28.7	10.3
		-11.8	-13.0	30.8	9.03	30.7	9.45	30.7	9.86	30.6	10.1	30.6	10.3	30.5	10.7
		-9.8	-11.0	32.6	9.45	32.5	9.84	32.4	10.2	32.4	10.4	32.3	10.6	32.2	11.0
		-9.5	-10.0	33.5	9.64	33.4	10.0	33.3	10.4	33.2	10.6	33.2	10.8	33.1	11.2
		-8.5	-9.1	34.3	9.80	34.2	10.2	34.1	10.5	34.0	10.7	34.0	10.9	33.9	11.3
		-7.0	-7.6	35.6	10.1	35.5	10.4	35.4	10.8	35.3	10.9	35.3	11.1	35.2	11.5
		-5.0	-5.6	37.3	10.4	37.2	10.7	37.1	11.0	37.1	11.2	37.1	11.4	37.0	11.7
		-3.0	-3.7	39.0	10.6	38.9	10.9	38.8	11.3	38.8	11.4	38.7	11.6	38.6	11.9
		0.0	-0.7	41.6	11.0	41.5	11.3	41.4	11.6	41.4	11.8	41.4	11.9	41.3	12.2
		3.0	2.2	44.2	11.3	44.1	11.6	44.0	11.9	43.9	12.0	43.9	12.2	43.1	12.2
		5.0	4.1	45.8	11.5	45.7	11.8	45.6	12.1	45.6	12.2	45.6	12.3	43.1	11.6
		7.0	6.0	47.5	11.7	47.4	12.0	47.3	12.2	47.3	12.4	46.3	12.1	43.1	11.1
		9.0	7.9	49.2	11.9	49.1	12.1	49.0	12.4	47.9	12.1	46.3	11.6	43.1	10.7
		11.0	9.8	50.8	12.0	50.7	12.3	49.5	12.1	47.9	11.6	46.3	11.1	43.1	10.3
		13.0	11.8	52.6	12.2	52.5	12.4	49.5	11.6	47.9	11.1	46.3	10.7	43.1	9.85
		15.0	13.7	54.2	12.3	52.7	12.0	49.5	11.1	47.9	10.7	46.3	10.3	43.1	9.50
100%	350	-19.8	-20.0	24.6	7.94	24.5	8.42	24.4	8.89	24.4	9.13	24.3	9.36	24.2	9.84
		-18.8	-19.0	25.4	8.25	25.4	8.70	25.3	9.16	25.2	9.39	25.2	9.62	25.1	10.1
		-16.7	-17.0	27.2	8.79	27.1	9.22	27.0	9.65	27.0	9.86	27.0	10.1	26.9	10.5
		-13.7	-15.0	28.9	9.27	28.9	9.67	28.8	10.1	28.7	10.3	28.7	10.5	28.6	10.9
		-11.8	-13.0	30.7	9.69	30.6	10.1	30.5	10.4	30.5	10.6	30.5	10.8	30.4	11.2
		-9.8	-11.0	32.4	10.1	32.4	10.4	32.3	10.8	32.2	11.0	32.2	11.1	32.1	11.5
		-9.5	-10.0	33.3	10.2	33.2	10.6	33.2	10.9	33.1	11.1	33.1	11.3	33.0	11.6
		-8.5	-9.1	34.1	10.4	34.0	10.7	34.0	11.1	33.9	11.2	33.9	11.4	33.8	11.7
		-7.0	-7.6	35.4	10.6	35.3	10.9	35.3	11.3	35.2	11.4	35.2	11.6	35.1	11.9
		-5.0	-5.6	37.2	10.9	37.1	11.2	37.0	11.5	37.0	11.7	36.9	11.8	36.9	12.1
		-3.0	-3.7	38.8	11.1	38.8	11.4	38.7	11.7	38.6	11.9	38.6	12.0	38.5	12.3
		0.0	-0.7	41.5	11.5	41.4	11.8	41.3	12.0	41.3	12.2	41.2	12.3	39.2	11.7
		3.0	2.2	44.0	11.8	43.9	12.0	43.9	12.3	43.6	12.3	42.1	11.8	39.2	10.9
		5.0	4.1	45.7	12.0	45.6	12.2	45.0	12.2	43.6	11.8	42.1	11.3	39.2	10.4
		7.0	6.0	47.3	12.1	47.3	12.4	45.0	11.7	43.6	11.3	42.1	10.8	39.2	9.95
		9.0	7.9	49.0	12.3	47.9	12.1	45.0	11.2	43.6	10.8	42.1	10.4	39.2	9.56
		11.0	9.8	50.7	12.4	47.9	11.6	45.0	10.8	43.6	10.4	42.1	9.97	39.2	9.19
		13.0	11.8	50.8	11.9	47.9	11.1	45.0	10.3	43.6	9.96	42.1	9.58	39.2	8.84
		15.0	13.7	50.8	11.5	47.9	10.7	45.0	9.97	43.6	9.60	42.1	9.24	39.2	8.53
90%	315	-19.8	-20.0	24.4	8.77	24.3	9.20	24.3	9.63	24.2	9.84	24.2	10.1	24.1	10.5
		-18.8	-19.0	25.3	9.05	25.2	9.46	25.2	9.87	25.1	10.1	25.1	10.3	25.0	10.7
		-16.7	-17.0	27.0	9.54	27.0	9.93	26.9	10.3	26.9	10.5	26.8	10.7	26.8	11.1
		-13.7	-15.0	28.8	9.97	28.7	10.3	28.7	10.7	28.6	10.9	28.6	11.1	28.5	11.4
		-11.8	-13.0	30.6	10.4	30.5	10.7	30.4	11.0	30.4	11.2	30.3	11.4	30.3	11.7
		-9.8	-11.0	32.3	10.7	32.2	11.0	32.2	11.3	32.1	11.5	32.1	11.6	32.0	12.0
		-9.5	-10.0	33.2	10.8	33.1	11.2	33.0	11.5	33.0	11.6	33.0	11.8	32.9	12.1
		-8.5	-9.1	34.0	11.0	33.9	11.3	33.8	11.6	33.8	11.7	33.8	11.9	33.7	12.2
		-7.0	-7.6	35.3	11.2	35.2	11.5	35.1	11.8	35.1	11.9	35.1	12.1	35.0	12.4
		-5.0	-5.6	37.0	11.4	37.0	11.7	36.9	12.0	36.9	12.1	36.8	12.3	35.3	11.8
		-3.0	-3.7	38.7	11.7	38.6	11.9	38.6	12.2	38.5	12.3	37.9	12.2	35.3	11.2
		0.0	-0.7	41.3	12.0	41.3	12.2	40.5	12.1	39.2	11.7	37.9	11.2	35.3	10.3
		3.0	2.2	43.9	12.2	43.1	12.2	40.5	11.3	39.2	10.9	37.9	10.4	35.3	9.61
		5.0	4.1	45.5	12.4	43.1	11.6	40.5	10.8	39.2	10.4	37.9	9.98	35.3	9.20
		7.0	6.0	45.7	11.9	43.1	11.1	40.5	10.3	39.2	9.95	37.9	9.57	35.3	8.83
		9.0	7.9	45.7	11.4	43.1	10.7	40.5	9.92	39.2	9.55	37.9	9.19	35.3	8.49
		11.0	9.8	45.7	11.0	43.1	10.2	40.5	9.54	39.2	9.19	37.9	8.84	35.3	8.17
		13.0	11.8	45.7	10.5	43.1	9.84	40.5	9.17	39.2	8.83	37.9	8.51	35.3	7.86
		15.0	13.7	45.7	10.2	43.1	9.49	40.5	8.84	39.2	8.52	37.9	8.21	35.3	7.60

3 Capacity tables

3 - 2 Heating capacity tables

14HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	280	-19.8	-20.0	24.3	9.61	24.2	9.99	24.2	10.4	24.1	10.6	24.1	10.7	24.0	11.1
		-18.8	-19.0	25.2	9.85	25.1	10.2	25.0	10.6	25.0	10.8	25.0	10.9	24.9	11.3
		-16.7	-17.0	26.9	10.3	26.8	10.6	26.8	11.0	26.8	11.1	26.7	11.3	26.7	11.7
		-13.7	-15.0	28.7	10.7	28.6	11.0	28.5	11.3	28.5	11.5	28.5	11.6	28.4	12.0
		-11.8	-13.0	30.4	11.0	30.4	11.3	30.3	11.6	30.3	11.8	30.2	11.9	30.2	12.2
		-9.8	-11.0	32.2	11.3	32.1	11.6	32.0	11.9	32.0	12.0	32.0	12.2	31.4	12.1
		-9.5	-10.0	33.0	11.5	33.0	11.7	32.9	12.0	32.9	12.1	32.9	12.3	31.4	11.7
		-8.5	-9.1	33.8	11.6	33.8	11.8	33.7	12.1	33.7	12.2	33.6	12.4	31.4	11.4
		-7.0	-7.6	35.1	11.8	35.1	12.0	35.0	12.3	34.8	12.3	33.7	11.8	31.4	10.9
		-5.0	-5.6	36.9	12.0	36.8	12.2	36.0	12.1	34.8	11.6	33.7	11.1	31.4	10.3
		-3.0	-3.7	38.6	12.2	38.3	12.3	36.0	11.4	34.8	11.0	33.7	10.6	31.4	9.73
		0.0	-0.7	40.6	12.2	38.3	11.4	36.0	10.6	34.8	10.2	33.7	9.77	31.4	9.01
		3.0	2.2	40.6	11.3	38.3	10.6	36.0	9.83	34.8	9.47	33.7	9.11	31.4	8.41
		5.0	4.1	40.6	10.8	38.3	10.1	36.0	9.41	34.8	9.07	33.7	8.73	31.4	8.07
		7.0	6.0	40.6	10.4	38.3	9.69	36.0	9.03	34.8	8.70	33.7	8.38	31.4	7.75
		9.0	7.9	40.6	9.95	38.3	9.31	36.0	8.67	34.8	8.36	33.7	8.06	31.4	7.46
		11.0	9.8	40.6	9.57	38.3	8.95	36.0	8.35	34.8	8.06	33.7	7.76	31.4	7.19
		13.0	11.8	40.6	9.20	38.3	8.61	36.0	8.04	34.8	7.75	33.7	7.48	31.4	6.93
		15.0	13.7	40.6	8.87	38.3	8.31	36.0	7.76	34.8	7.49	33.7	7.22	31.4	6.70
70%	245	-19.8	-20.0	24.1	10.4	24.1	10.8	24.0	11.1	24.0	11.3	24.0	11.4	23.9	11.8
		-18.8	-19.0	25.0	10.7	25.0	11.0	24.9	11.3	24.9	11.5	24.9	11.6	24.8	11.9
		-16.7	-17.0	26.8	11.0	26.7	11.3	26.7	11.6	26.6	11.8	26.6	11.9	26.5	12.2
		-13.7	-15.0	28.5	11.4	28.5	11.7	28.4	11.9	28.4	12.1	28.4	12.2	27.5	11.9
		-11.8	-13.0	30.3	11.7	30.2	11.9	30.2	12.2	30.1	12.3	29.5	12.1	27.5	11.1
		-9.8	-11.0	32.0	11.9	32.0	12.2	31.5	12.2	30.5	11.7	29.5	11.2	27.5	10.3
		-9.5	-10.0	32.9	12.1	32.9	12.3	31.5	11.8	30.5	11.3	29.5	10.9	27.5	10.0
		-8.5	-9.1	33.7	12.2	33.5	12.3	31.5	11.4	30.5	11.0	29.5	10.6	27.5	9.74
		-7.0	-7.6	35.0	12.3	33.5	11.8	31.5	10.9	30.5	10.5	29.5	10.1	27.5	9.31
		-5.0	-5.6	35.5	11.9	33.5	11.1	31.5	10.3	30.5	9.92	29.5	9.54	27.5	8.80
		-3.0	-3.7	35.5	11.3	33.5	10.5	31.5	9.78	30.5	9.42	29.5	9.06	27.5	8.37
		0.0	-0.7	35.5	10.4	33.5	9.72	31.5	9.05	30.5	8.73	29.5	8.40	27.5	7.77
		3.0	2.2	35.5	9.69	33.5	9.06	31.5	8.45	30.5	8.15	29.5	7.86	27.5	7.27
		5.0	4.1	35.5	9.28	33.5	8.68	31.5	8.10	30.5	7.82	29.5	7.54	27.5	6.98
		7.0	6.0	35.5	8.90	33.5	8.34	31.5	7.78	30.5	7.51	29.5	7.24	27.5	6.72
		9.0	7.9	35.5	8.55	33.5	8.02	31.5	7.49	30.5	7.23	29.5	6.98	27.5	6.47
		11.0	9.8	35.5	8.24	33.5	7.72	31.5	7.22	30.5	6.97	29.5	6.73	27.5	6.25
		13.0	11.8	35.5	7.93	33.5	7.44	31.5	6.96	30.5	6.72	29.5	6.49	27.5	6.03
		15.0	13.7	35.5	7.66	33.5	7.19	31.5	6.73	30.5	6.50	29.5	6.28	27.5	5.84
60%	210	-19.8	-20.0	24.0	11.3	24.0	11.6	23.9	11.8	23.9	12.0	23.9	12.1	23.5	12.2
		-18.8	-19.0	24.9	11.5	24.8	11.7	24.8	12.0	24.8	12.1	24.7	12.3	23.5	11.7
		-16.7	-17.0	26.6	11.8	26.6	12.0	26.5	12.3	26.1	12.2	25.3	11.7	23.5	10.7
		-13.7	-15.0	28.4	12.1	28.3	12.3	27.0	11.7	26.1	11.2	25.3	10.8	23.5	9.94
		-11.8	-13.0	30.1	12.3	28.7	11.7	27.0	10.9	26.1	10.5	25.3	10.0	23.5	9.26
		-9.8	-11.0	30.5	11.7	28.7	10.9	27.0	10.1	26.1	9.77	25.3	9.40	23.5	8.68
		-9.5	-10.0	30.5	11.3	28.7	10.6	27.0	9.83	26.1	9.47	25.3	9.11	23.5	8.41
		-8.5	-9.1	30.5	11.0	28.7	10.3	27.0	9.56	26.1	9.21	25.3	8.86	23.5	8.19
		-7.0	-7.6	30.5	10.5	28.7	9.81	27.0	9.14	26.1	8.81	25.3	8.48	23.5	7.84
		-5.0	-5.6	30.5	9.91	28.7	9.27	27.0	8.64	26.1	8.33	25.3	8.03	23.5	7.43
		-3.0	-3.7	30.5	9.41	28.7	8.81	27.0	8.22	26.1	7.93	25.3	7.64	23.5	7.08
		0.0	-0.7	30.5	8.72	28.7	8.17	27.0	7.63	26.1	7.37	25.3	7.10	23.5	6.59
		3.0	2.2	30.5	8.15	28.7	7.64	27.0	7.14	26.1	6.90	25.3	6.66	23.5	6.19
		5.0	4.1	30.5	7.81	28.7	7.33	27.0	6.86	26.1	6.63	25.3	6.40	23.5	5.95
		7.0	6.0	30.5	7.51	28.7	7.05	27.0	6.60	26.1	6.38	25.3	6.16	23.5	5.73
		9.0	7.9	30.5	7.23	28.7	6.79	27.0	6.36	26.1	6.15	25.3	5.94	23.5	5.53
		11.0	9.8	30.5	6.97	28.7	6.55	27.0	6.14	26.1	5.94	25.3	5.74	23.5	5.35
		13.0	11.8	30.5	6.72	28.7	6.32	27.0	5.93	26.1	5.74	25.3	5.55	23.5	5.17
		15.0	13.7	30.5	6.50	28.7	6.12	27.0	5.74	26.1	5.56	25.3	5.37	23.5	5.01
50%	175	-19.8	-20.0	23.9	12.1	23.8	12.3	22.5	11.5	21.8	11.1	21.1	10.7	19.6	9.83
		-18.8	-19.0	24.7	12.3	23.9	11.9	22.5	11.1	21.8	10.6	21.1	10.2	19.6	9.42
		-16.7	-17.0	25.4	11.7	23.9	10.9	22.5	10.2	21.8	9.80	21.1	9.43	19.6	8.70
		-13.7	-15.0	25.4	10.9	23.9	10.1	22.5	9.44	21.8	9.10	21.1	8.76	19.6	8.09
		-11.8	-13.0	25.4	10.1	23.9	9.45	22.5	8.80	21.8	8.49	21.1	8.18	19.6	7.56
		-9.8	-11.0	25.4	9.46	23.9	8.85	22.5	8.25	21.8	7.96	21.1	7.67	19.6	7.11
		-9.5	-10.0	25.4	9.16	23.9	8.58	22.5	8.01	21.8	7.73	21.1	7.45	19.6	6.90
		-8.5	-9.1	25.4	8.91	23.9	8.35	22.5	7.80	21.8	7.52	21.1	7.26	19.6	6.73
		-7.0	-7.6	25.4	8.53	23.9	8.00	22.5	7.47	21.8	7.21	21.1	6.96	19.6	6.46
		-5.0	-5.6	25.4	8.07	23.9	7.57	22.5	7.08	21.8	6.84	21.1	6.60	19.6	6.13
		-3.0	-3.7	25.4	7.68	23.9	7.21	22.5	6.75	21.8	6.52	21.1	6.30	19.6	5.86
		0.0	-0.7	25.4	7.14	23.9	6.71	22.5	6.29	21.8	6.08	21.1	5.88	19.6	5.47
		3.0	2.2	25.4	6.69	23.9	6.30	22.5	5.91	21.8	5.72	21.1	5.53	19.6	5.15
		5.0	4.1	25.4	6.43	23.9	6.06	22.5	5.69	21.8	5.50	21.1	5.32	19.6	4.97
		7.0	6.0	25.4	6.19	23.9	5.84	22.5	5.48	21.8	5.31	21.1	5.14	19.6	4.80
		9.0	7.9	25.4	5.97	23.9	5.63	22.5	5.29	21.8	5.13	21.1	4.96	19.6	4.64
		11.0	9.8	25.4	5.77	23.9	5.44	22.5	5.12	21.8	4.96	21.1	4.80	19.6	4.49
		13.0	11.8	25.4	5.57	23.9	5.26	22.5	4.95	21.8	4.80	21.1	4.65	19.6	4.35
		15.0	13.7	25.4	5.40	23.9	5.10	22.5	4.80	21.8	4.66	21.1	4.51	19.6	4.22

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

16HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	520	-19.8	-20.0	26.5	5.13	26.4	5.83	26.3	6.52	26.2	6.87	26.2	7.22	26.1	7.92
		-18.8	-19.0	27.5	5.58	27.3	6.25	27.2	6.92	27.2	7.26	27.1	7.59	27.0	8.26
		-16.7	-17.0	29.3	6.38	29.2	7.01	29.1	7.63	29.0	7.94	29.0	8.26	28.9	8.88
		-13.7	-15.0	31.2	7.08	31.0	7.67	30.9	8.25	30.9	8.55	30.8	8.84	30.7	9.42
		-11.8	-13.0	33.0	7.70	32.9	8.25	32.8	8.80	32.7	9.08	32.7	9.35	32.6	9.90
		-9.8	-11.0	34.9	8.25	34.8	8.77	34.6	9.29	34.6	9.55	34.5	9.81	34.4	10.3
		-9.5	-10.0	35.8	8.50	35.7	9.00	35.6	9.51	35.5	9.76	35.5	10.0	35.3	10.5
		-8.5	-9.1	36.6	8.71	36.5	9.21	36.4	9.70	36.3	9.95	36.3	10.2	36.2	10.7
		-7.0	-7.6	38.0	9.05	37.9	9.52	37.8	10.0	37.7	10.2	37.7	10.5	37.6	10.9
		-5.0	-5.6	39.9	9.46	39.8	9.91	39.7	10.4	39.6	10.6	39.5	10.8	39.4	11.3
		-3.0	-3.7	41.6	9.82	41.5	10.2	41.4	10.7	41.4	10.9	41.3	11.1	41.2	11.5
		0.0	-0.7	44.4	10.3	44.3	10.7	44.2	11.1	44.1	11.3	44.1	11.5	44.0	11.9
		3.0	2.2	47.1	10.7	47.0	11.1	46.9	11.5	46.8	11.7	46.8	11.9	46.7	12.3
		5.0	4.1	48.9	11.0	48.8	11.4	48.6	11.7	48.6	11.9	48.5	12.1	48.4	12.5
		7.0	6.0	50.6	11.2	50.5	11.6	50.4	11.9	50.4	12.1	50.3	12.3	50.2	12.6
		9.0	7.9	52.4	11.4	52.3	11.8	52.2	12.1	52.1	12.3	52.1	12.5	51.9	12.8
		11.0	9.8	54.2	11.7	54.0	12.0	53.9	12.3	53.9	12.5	53.8	12.6	53.7	13.0
		13.0	11.8	56.0	11.9	55.9	12.2	55.8	12.5	55.7	12.6	55.7	12.8	55.6	13.1
		15.0	13.7	57.8	12.0	57.7	12.3	57.6	12.6	57.5	12.8	57.4	13.0	56.6	13.0
120%	480	-19.8	-20.0	26.4	6.07	26.3	6.72	26.2	7.36	26.1	7.68	26.1	8.00	25.9	8.64
		-18.8	-19.0	27.3	6.48	27.2	7.10	27.1	7.72	27.0	8.03	27.0	8.34	26.9	8.96
		-16.7	-17.0	29.2	7.23	29.0	7.80	28.9	8.38	28.9	8.67	28.8	8.96	28.7	9.54
		-13.7	-15.0	31.0	7.87	30.9	8.41	30.8	8.95	30.7	9.22	30.7	9.49	30.6	10.0
		-11.8	-13.0	32.9	8.44	32.8	8.95	32.7	9.46	32.6	9.71	32.5	10.0	32.4	10.5
		-9.8	-11.0	34.7	8.95	34.6	9.43	34.5	9.91	34.5	10.1	34.4	10.4	34.3	10.9
		-9.5	-10.0	35.6	9.18	35.5	9.65	35.4	10.1	35.4	10.3	35.3	10.6	35.2	11.0
		-8.5	-9.1	36.5	9.38	36.4	9.84	36.3	10.3	36.2	10.5	36.2	10.7	36.1	11.2
		-7.0	-7.6	37.9	9.69	37.8	10.1	37.7	10.6	37.6	10.8	37.6	11.0	37.4	11.4
		-5.0	-5.6	39.7	10.1	39.6	10.5	39.5	10.9	39.5	11.1	39.4	11.3	39.3	11.7
		-3.0	-3.7	41.5	10.4	41.4	10.8	41.3	11.2	41.2	11.4	41.2	11.6	41.1	12.0
		0.0	-0.7	44.3	10.9	44.2	11.2	44.1	11.6	44.0	11.8	44.0	12.0	43.8	12.4
		3.0	2.2	47.0	11.3	46.9	11.6	46.7	12.0	46.7	12.1	46.6	12.3	46.5	12.7
		5.0	4.1	48.7	11.5	48.6	11.8	48.5	12.2	48.5	12.3	48.4	12.5	48.3	12.8
		7.0	6.0	50.5	11.7	50.4	12.0	50.3	12.4	50.2	12.5	50.2	12.7	50.1	13.0
		9.0	7.9	52.2	11.9	52.1	12.2	52.0	12.5	52.0	12.7	51.9	12.8	51.8	13.2
		11.0	9.8	54.0	12.1	53.9	12.4	53.8	12.7	53.7	12.9	53.7	13.0	52.3	12.8
		13.0	11.8	55.9	12.3	55.8	12.6	55.7	12.9	55.6	13.0	55.5	13.2	52.3	12.3
		15.0	13.7	57.6	12.4	57.5	12.7	57.4	13.0	57.4	13.2	56.1	12.9	52.3	11.8
110%	440	-19.8	-20.0	26.2	7.01	26.1	7.60	26.0	8.19	26.0	8.49	25.9	8.78	25.8	9.37
		-18.8	-19.0	27.1	7.39	27.0	7.96	27.0	8.53	26.9	8.81	26.9	9.09	26.8	9.66
		-16.7	-17.0	29.0	8.07	28.9	8.60	28.8	9.13	28.8	9.39	28.7	9.66	28.6	10.2
		-13.7	-15.0	30.9	8.66	30.8	9.16	30.7	9.66	30.6	9.90	30.6	10.2	30.5	10.6
		-11.8	-13.0	32.7	9.19	32.6	9.65	32.5	10.1	32.5	10.4	32.4	10.6	32.3	11.1
		-9.8	-11.0	34.6	9.65	34.5	10.1	34.4	10.5	34.3	10.8	34.3	11.0	34.2	11.4
		-9.5	-10.0	35.5	9.86	35.4	10.3	35.3	10.7	35.2	10.9	35.2	11.1	35.1	11.6
		-8.5	-9.1	36.3	10.0	36.2	10.5	36.1	10.9	36.1	11.1	36.0	11.3	35.9	11.7
		-7.0	-7.6	37.7	10.3	37.6	10.7	37.5	11.1	37.5	11.3	37.4	11.5	37.3	11.9
		-5.0	-5.6	39.6	10.7	39.5	11.1	39.4	11.4	39.3	11.6	39.3	11.8	39.2	12.2
		-3.0	-3.7	41.3	11.0	41.2	11.3	41.1	11.7	41.1	11.9	41.0	12.1	40.9	12.4
		0.0	-0.7	44.1	11.4	44.0	11.7	43.9	12.1	43.9	12.3	43.8	12.4	43.7	12.8
		3.0	2.2	46.8	11.8	46.7	12.1	46.6	12.4	46.6	12.6	46.5	12.7	46.4	13.1
		5.0	4.1	48.6	12.0	48.5	12.3	48.4	12.6	48.3	12.8	48.3	12.9	47.9	13.1
		7.0	6.0	50.3	12.2	50.2	12.5	50.1	12.8	50.1	12.9	50.0	13.1	47.9	12.6
		9.0	7.9	52.1	12.4	52.0	12.7	51.9	12.9	51.9	13.1	51.5	13.1	47.9	12.0
		11.0	9.8	53.9	12.5	53.8	12.8	53.7	13.1	53.2	13.1	51.5	12.6	47.9	11.6
		13.0	11.8	55.7	12.7	55.6	13.0	55.0	13.1	53.2	12.6	51.5	12.1	47.9	11.1
		15.0	13.7	57.5	12.9	57.4	13.1	55.0	12.6	53.2	12.1	51.5	11.6	47.9	10.7
100%	400	-19.8	-20.0	26.1	7.95	26.0	8.49	25.9	9.02	25.8	9.29	25.8	9.56	25.7	10.1
		-18.8	-19.0	27.0	8.30	26.9	8.81	26.8	9.33	26.8	9.59	26.7	9.85	26.6	10.4
		-16.7	-17.0	28.8	8.92	28.8	9.40	28.7	9.88	28.6	10.1	28.6	10.4	28.5	10.8
		-13.7	-15.0	30.7	9.46	30.6	9.91	30.5	10.4	30.5	10.6	30.4	10.8	30.3	11.3
		-11.8	-13.0	32.6	9.93	32.5	10.4	32.4	10.8	32.3	11.0	32.3	11.2	32.2	11.6
		-9.8	-11.0	34.4	10.4	34.3	10.8	34.2	11.2	34.2	11.4	34.1	11.6	34.1	12.0
		-9.5	-10.0	35.3	10.5	35.2	10.9	35.2	11.3	35.1	11.5	35.1	11.7	35.0	12.1
		-8.5	-9.1	36.2	10.7	36.1	11.1	36.0	11.5	36.0	11.7	35.9	11.9	35.8	12.2
		-7.0	-7.6	37.6	11.0	37.5	11.3	37.4	11.7	37.3	11.9	37.3	12.1	37.2	12.4
		-5.0	-5.6	39.4	11.3	39.3	11.6	39.2	12.0	39.2	12.2	39.2	12.3	39.1	12.7
		-3.0	-3.7	41.2	11.6	41.1	11.9	41.0	12.2	41.0	12.4	40.9	12.6	40.8	12.9
		0.0	-0.7	44.0	12.0	43.9	12.3	43.8	12.6	43.7	12.7	43.7	12.9	43.6	13.2
		3.0	2.2	46.7	12.3	46.6	12.6	46.5	12.9	46.4	13.0	46.4	13.2	43.6	12.3
		5.0	4.1	48.4	12.5	48.3	12.8	48.2	13.0	48.2	13.2	46.8	12.7	43.6	11.7
		7.0	6.0	50.2	12.7	50.1	12.9	50.0	13.2	48.4	12.7	46.8	12.2	43.6	11.2
		9.0	7.9	51.9	12.8	51.9	13.1	50.0	12.7	48.4	12.2	46.8	11.7	43.6	10.8
		11.0	9.8	53.7	13.0	53.2	13.1	50.0	12.2	48.4	11.7	46.8	11.3	43.6	10.4
		13.0	11.8	55.6	13.1	53.2	12.6	50.0	11.7	48.4	11.2	46.8	10.8	43.6	10.0
		15.0	13.7	56.4	13.0	53.2	12.1	50.0	11.2	48.4	10.8	46.8	10.4	43.6	9.62
90%	360	-19.8	-20.0	25.9	8.89	25.8	9.38	25.7	9.86	25.7	10.1	25.7	10.3	25.6	10.8
		-18.8	-19.0	26.8	9.20	26.8	9.67	26.7	10.1	26.6	10.4	26.6	10.6	26.5	11.1
		-16.7	-17.0	28.7	9.76	28.6	10.2	28.5	10.6	28.5	10.8	28.5	11.1	28.4	11.5
		-13.7	-15.0	30.5	10.2	30.5	10.7	30.4	11.1	30.3	11.3	30.3	11.5	30.2	11.9
		-11.8	-13.0	32.4	10.7	32.3	11.1	32.2	11.4	32.2	11.6	32.2	11.8	32.1	12.2
		-9.8	-11.0	34.3	11.1	34.2	11.4	34.1	11.8	34.1	12.0	34.0	12.1	33.9	12.5
		-9.5	-10.0	35.2	11.2	35.1	11.6	35.0	11.9	35.0	12.1	34.9	12.3	34.9	12.6
		-8.5	-9.1	36.0	11.4	35.9	11.7	35.9	12.1	35.8	12.2	35.8	12.4	35.7	12.7
		-7.0	-7.6	37.4	11.6	37.3	11.9	37.2	12.3	37.2	12.4	37.2	12.6	37.1	12.9
		-5.0	-5.6	39.3	11.9	39.2	12.2	39.1	12.5	39.1	12.7	39.0	12.8	38.9	13.2
		-3.0	-3.7	41.0	12.1	40.9	12.4	40.9	12.7	40.8	12.9	40.8	13.0	39.2	12.6
		0.0	-0.7	43.8	12.5	43.7	12.8	43.6	13.1	43.6	13.2	42.1	12.6	39.2	11.6
		3.0	2.2	46.5	12.8	46.4	13.1	45.0	12.7	43.6	12.2	42.1	11.8	39.2	10.8
		5.0	4.1	48.3	13.0	47.9	13.1	45.0	12.2	43.6	11.7	42.1	11.3	39.2	10.4
		7.0	6.0	50.0	13.1	47.9	12.5	45.0	11.7	43.6	11.2	42.1	10.8	39.2	10.0
		9.0	7.9	50.8	12.9	47.9	12.0	45.0	11.2	43.6	10.8	42.1	10.4	39.2	9.57
		11.0	9.8	50.8	12.4	47.9	11.6	45.0	10.8	43.6	10.4	42.1	10.0	39.2	9.22
		13.0	11.8	50.8	11.9	47.9	11.1	45.0	10.3	43.6	10.0	42.1	9.60	39.2	8.87
		15.0	13.7	50.8	11.5	47.9	10.7	45.0	10.0	43.6	9.62	42.1	9.26	39.2	8.57

3 Capacity tables

3 - 2 Heating capacity tables

16HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	320	-19.8	-20.0	25.8	9.83	25.7	10.3	25.6	10.7	25.6	10.9	25.5	11.1	25.5	11.5
		-18.8	-19.0	26.7	10.1	26.6	10.5	26.5	10.9	26.5	11.1	26.5	11.3	26.4	11.8
		-16.7	-17.0	28.5	10.6	28.5	11.0	28.4	11.4	28.4	11.6	28.3	11.8	28.3	12.1
		-13.7	-15.0	30.4	11.0	30.3	11.4	30.2	11.8	30.2	11.9	30.2	12.1	30.1	12.5
		-11.8	-13.0	32.2	11.4	32.2	11.8	32.1	12.1	32.1	12.3	32.0	12.4	32.0	12.8
		-9.8	-11.0	34.1	11.8	34.0	12.1	34.0	12.4	33.9	12.6	33.9	12.7	33.8	13.0
		-9.5	-10.0	35.0	11.9	35.0	12.2	34.9	12.5	34.9	12.7	34.8	12.8	34.7	13.2
		-8.5	-9.1	35.9	12.0	35.8	12.4	35.7	12.7	35.7	12.8	35.7	13.0	34.9	12.8
		-7.0	-7.6	37.3	12.3	37.2	12.5	37.1	12.8	37.1	13.0	37.0	13.1	34.9	12.3
		-5.0	-5.6	39.1	12.5	39.0	12.8	39.0	13.1	38.7	13.1	37.4	12.6	34.9	11.6
		-3.0	-3.7	40.9	12.7	40.8	13.0	40.0	12.9	38.7	12.4	37.4	11.9	34.9	11.0
		0.0	-0.7	43.7	13.0	42.6	12.8	40.0	11.9	38.7	11.5	37.4	11.0	34.9	10.2
		3.0	2.2	45.1	12.8	42.6	11.9	40.0	11.1	38.7	10.7	37.4	10.3	34.9	9.49
		5.0	4.1	45.1	12.2	42.6	11.4	40.0	10.6	38.7	10.2	37.4	9.85	34.9	9.10
		7.0	6.0	45.1	11.7	42.6	10.9	40.0	10.2	38.7	9.82	37.4	9.45	34.9	8.74
		9.0	7.9	45.1	11.2	42.6	10.5	40.0	9.79	38.7	9.44	37.4	9.09	34.9	8.41
		11.0	9.8	45.1	10.8	42.6	10.1	40.0	9.42	38.7	9.09	37.4	8.76	34.9	8.11
		13.0	11.8	45.1	10.4	42.6	9.72	40.0	9.07	38.7	8.75	37.4	8.43	34.9	7.82
		15.0	13.7	45.1	10.0	42.6	9.38	40.0	8.76	38.7	8.45	37.4	8.15	34.9	7.56
70%	280	-19.8	-20.0	25.6	10.8	25.5	11.2	25.5	11.5	25.4	11.7	25.4	11.9	25.4	12.3
		-18.8	-19.0	26.5	11.0	26.5	11.4	26.4	11.7	26.4	11.9	26.3	12.1	26.3	12.5
		-16.7	-17.0	28.4	11.5	28.3	11.8	28.3	12.1	28.2	12.3	28.2	12.5	28.1	12.8
		-13.7	-15.0	30.2	11.8	30.2	12.1	30.1	12.5	30.1	12.6	30.1	12.8	30.0	13.1
		-11.8	-13.0	32.1	12.2	32.0	12.5	32.0	12.8	31.9	12.9	31.9	13.1	30.5	12.5
		-9.8	-11.0	33.9	12.5	33.9	12.7	33.8	13.0	33.8	13.2	32.8	12.7	30.5	11.7
		-9.5	-10.0	34.9	12.6	34.8	12.9	34.8	13.1	33.9	12.8	32.8	12.3	30.5	11.3
		-8.5	-9.1	35.7	12.7	35.6	13.0	35.0	12.9	33.9	12.4	32.8	11.9	30.5	11.0
		-7.0	-7.6	37.1	12.9	37.0	13.2	35.0	12.3	33.9	11.9	32.8	11.4	30.5	10.5
		-5.0	-5.6	39.0	13.1	37.2	12.5	35.0	11.6	33.9	11.2	32.8	10.8	30.5	9.93
		-3.0	-3.7	39.5	12.7	37.2	11.9	35.0	11.0	33.9	10.6	32.8	10.2	30.5	9.44
		0.0	-0.7	39.5	11.7	37.2	11.0	35.0	10.2	33.9	9.84	32.8	9.48	30.5	8.77
		3.0	2.2	39.5	10.9	37.2	10.2	35.0	9.54	33.9	9.20	32.8	8.86	30.5	8.21
		5.0	4.1	39.5	10.5	37.2	9.80	35.0	9.14	33.9	8.82	32.8	8.50	30.5	7.88
		7.0	6.0	39.5	10.0	37.2	9.40	35.0	8.78	33.9	8.48	32.8	8.17	30.5	7.58
		9.0	7.9	39.5	9.65	37.2	9.04	35.0	8.45	33.9	8.16	32.8	7.87	30.5	7.30
		11.0	9.8	39.5	9.29	37.2	8.71	35.0	8.15	33.9	7.87	32.8	7.59	30.5	7.05
		13.0	11.8	39.5	8.94	37.2	8.39	35.0	7.85	33.9	7.58	32.8	7.32	30.5	6.80
		15.0	13.7	39.5	8.64	37.2	8.11	35.0	7.59	33.9	7.34	32.8	7.08	30.5	6.59
60%	240	-19.8	-20.0	25.4	11.7	25.4	12.0	25.3	12.4	25.3	12.5	25.3	12.7	25.2	13.0
		-18.8	-19.0	26.4	11.9	26.3	12.2	26.3	12.5	26.2	12.7	26.2	12.9	26.1	13.1
		-16.7	-17.0	28.2	12.3	28.2	12.6	28.1	12.9	28.1	13.0	28.1	13.2	26.1	12.1
		-13.7	-15.0	30.1	12.6	30.0	12.9	30.0	13.2	29.0	12.7	28.1	12.2	26.1	11.2
		-11.8	-13.0	31.9	12.9	31.9	13.2	30.0	12.3	29.0	11.8	28.1	11.3	26.1	10.4
		-9.8	-11.0	33.8	13.2	31.9	12.3	30.0	11.5	29.0	11.0	28.1	10.6	26.1	9.79
		-9.5	-10.0	33.9	12.8	31.9	11.9	30.0	11.1	29.0	10.7	28.1	10.3	26.1	9.49
		-8.5	-9.1	33.9	12.4	31.9	11.6	30.0	10.8	29.0	10.4	28.1	10.0	26.1	9.24
		-7.0	-7.6	33.9	11.9	31.9	11.1	30.0	10.3	29.0	9.94	28.1	9.57	26.1	8.85
		-5.0	-5.6	33.9	11.2	31.9	10.5	30.0	9.75	29.0	9.40	28.1	9.06	26.1	8.38
		-3.0	-3.7	33.9	10.6	31.9	9.94	30.0	9.27	29.0	8.94	28.1	8.62	26.1	7.98
		0.0	-0.7	33.9	9.84	31.9	9.22	30.0	8.61	29.0	8.31	28.1	8.02	26.1	7.44
		3.0	2.2	33.9	9.19	31.9	8.62	30.0	8.06	29.0	7.79	28.1	7.51	26.1	6.98
		5.0	4.1	33.9	8.81	31.9	8.27	30.0	7.74	29.0	7.48	28.1	7.22	26.1	6.71
		7.0	6.0	33.9	8.47	31.9	7.95	30.0	7.45	29.0	7.20	28.1	6.95	26.1	6.47
		9.0	7.9	33.9	8.15	31.9	7.66	30.0	7.18	29.0	6.94	28.1	6.71	26.1	6.24
		11.0	9.8	33.9	7.86	31.9	7.39	30.0	6.93	29.0	6.70	28.1	6.48	26.1	6.04
		13.0	11.8	33.9	7.58	31.9	7.13	30.0	6.69	29.0	6.47	28.1	6.26	26.1	5.83
		15.0	13.7	33.9	7.33	31.9	6.90	30.0	6.48	29.0	6.27	28.1	6.06	26.1	5.66
50%	200	-19.8	-20.0	25.3	12.7	25.2	12.9	25.0	13.0	24.2	12.5	23.4	12.0	21.8	11.1
		-18.8	-19.0	26.2	12.8	26.2	13.1	25.0	12.5	24.2	12.0	23.4	11.5	21.8	10.6
		-16.7	-17.0	28.1	13.1	26.6	12.4	25.0	11.5	24.2	11.1	23.4	10.6	21.8	9.82
		-13.7	-15.0	28.2	12.3	26.6	11.4	25.0	10.6	24.2	10.3	23.4	9.88	21.8	9.13
		-11.8	-13.0	28.2	11.4	26.6	10.7	25.0	9.93	24.2	9.58	23.4	9.23	21.8	8.53
		-9.8	-11.0	28.2	10.7	26.6	10.0	25.0	9.31	24.2	8.98	23.4	8.66	21.8	8.02
		-9.5	-10.0	28.2	10.3	26.6	9.68	25.0	9.03	24.2	8.72	23.4	8.40	21.8	7.79
		-8.5	-9.1	28.2	10.1	26.6	9.42	25.0	8.80	24.2	8.49	23.4	8.19	21.8	7.59
		-7.0	-7.6	28.2	9.62	26.6	9.02	25.0	8.43	24.2	8.14	23.4	7.85	21.8	7.29
		-5.0	-5.6	28.2	9.11	26.6	8.54	25.0	7.99	24.2	7.72	23.4	7.45	21.8	6.92
		-3.0	-3.7	28.2	8.67	26.6	8.14	25.0	7.61	24.2	7.36	23.4	7.11	21.8	6.61
		0.0	-0.7	28.2	8.06	26.6	7.57	25.0	7.10	24.2	6.86	23.4	6.63	21.8	6.17
		3.0	2.2	28.2	7.55	26.6	7.11	25.0	6.67	24.2	6.45	23.4	6.24	21.8	5.81
		5.0	4.1	28.2	7.26	26.6	6.83	25.0	6.42	24.2	6.21	23.4	6.01	21.8	5.60
		7.0	6.0	28.2	6.99	26.6	6.58	25.0	6.18	24.2	5.99	23.4	5.79	21.8	5.41
		9.0	7.9	28.2	6.74	26.6	6.35	25.0	5.97	24.2	5.78	23.4	5.60	21.8	5.23
		11.0	9.8	28.2	6.51	26.6	6.14	25.0	5.78	24.2	5.60	23.4	5.42	21.8	5.07
		13.0	11.8	28.2	6.29	26.6	5.93	25.0	5.59	24.2	5.41	23.4	5.24	21.8	4.91
		15.0	13.7	28.2	6.09	26.6	5.75	25.0	5.42	24.2	5.25	23.4	5.09	21.8	4.76

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

18HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	585	-19.8	-20.0	33.3	6.87	33.1	7.53	33.0	8.19	32.9	8.52	32.9	8.85	32.7	9.5
		-18.8	-19.0	34.2	7.23	34.1	7.87	34.0	8.51	33.9	8.82	33.8	9.1	33.7	9.8
		-16.7	-17.0	36.2	7.88	36.1	8.48	35.9	9.09	35.9	9.4	35.8	9.7	35.7	10.3
		-13.7	-15.0	38.1	8.46	38.0	9.03	37.9	9.6	37.8	9.9	37.8	10.2	37.6	10.7
		-11.8	-13.0	40.1	8.99	40.0	9.5	39.8	10.1	39.8	10.3	39.7	10.6	39.6	11.2
		-9.8	-11.0	42.1	9.5	41.9	10.0	41.8	10.5	41.7	10.8	41.7	11.0	41.5	11.5
		-9.5	-10.0	43.0	9.7	42.9	10.2	42.8	10.7	42.7	10.9	42.6	11.2	42.5	11.7
		-8.5	-9.1	43.9	9.9	43.8	10.4	43.7	10.9	43.6	11.1	43.5	11.4	43.4	11.8
		-7.0	-7.6	45.4	10.2	45.3	10.7	45.1	11.1	45.1	11.4	45.0	11.6	44.9	12.1
		-5.0	-5.6	47.3	10.5	47.2	11.0	47.1	11.5	47.0	11.7	46.9	11.9	46.8	12.4
		-3.0	-3.7	49.2	10.9	49.1	11.3	48.9	11.7	48.9	12.0	48.8	12.2	48.7	12.6
		0.0	-0.7	52.1	11.3	52.0	11.7	51.9	12.2	51.8	12.4	51.7	12.6	51.6	13.0
		3.0	2.2	55.0	11.7	54.8	12.1	54.7	12.5	54.6	12.7	54.6	12.9	54.4	13.3
		5.0	4.1	56.8	12.0	56.7	12.4	56.6	12.7	56.5	12.9	56.4	13.1	56.3	13.5
		7.0	6.0	58.7	12.2	58.6	12.6	58.4	12.9	58.4	13.1	58.3	13.3	58.2	13.7
		9.0	7.9	60.5	12.4	60.4	12.8	60.3	13.1	60.2	13.3	60.2	13.5	60.0	13.8
		11.0	9.8	62.4	12.6	62.3	13.0	62.1	13.3	62.1	13.5	62.0	13.7	61.9	14.0
		13.0	11.8	64.4	12.8	64.2	13.2	64.1	13.5	64.0	13.7	64.0	13.8	63.8	14.2
		15.0	13.7	66.2	13.0	66.1	13.3	66.0	13.7	65.9	13.8	65.8	14.0	64.0	13.7
120%	540	-19.8	-20.0	33.1	7.76	33.0	8.37	32.8	8.98	32.8	9.3	32.7	9.6	32.6	10.2
		-18.8	-19.0	34.1	8.09	33.9	8.68	33.8	9.3	33.8	9.6	33.7	9.9	33.6	10.4
		-16.7	-17.0	36.0	8.69	35.9	9.3	35.8	9.8	35.7	10.1	35.7	10.4	35.5	10.9
		-13.7	-15.0	38.0	9.2	37.8	9.8	37.7	10.3	37.7	10.5	37.6	10.8	37.5	11.3
		-11.8	-13.0	39.9	9.7	39.8	10.2	39.7	10.7	39.6	11.0	39.6	11.2	39.4	11.7
		-9.8	-11.0	41.9	10.2	41.8	10.6	41.6	11.1	41.6	11.3	41.5	11.6	41.4	12.1
		-9.5	-10.0	42.9	10.4	42.7	10.8	42.6	11.3	42.6	11.5	42.5	11.8	42.4	12.2
		-8.5	-9.1	43.7	10.5	43.6	11.0	43.5	11.4	43.4	11.7	43.4	11.9	43.3	12.4
		-7.0	-7.6	45.2	10.8	45.1	11.3	45.0	11.7	44.9	11.9	44.8	12.1	44.7	12.6
		-5.0	-5.6	47.2	11.2	47.0	11.6	46.9	12.0	46.9	12.2	46.8	12.4	46.7	12.8
		-3.0	-3.7	49.0	11.5	48.9	11.9	48.8	12.3	48.7	12.5	48.7	12.7	48.5	13.1
		0.0	-0.7	52.0	11.9	51.8	12.3	51.7	12.7	51.7	12.8	51.6	13.0	51.5	13.4
		3.0	2.2	54.8	12.3	54.7	12.6	54.6	13.0	54.5	13.2	54.4	13.3	54.3	13.7
		5.0	4.1	56.6	12.5	56.5	12.8	56.4	13.2	56.4	13.4	56.3	13.5	56.2	13.9
		7.0	6.0	58.5	12.7	58.4	13.0	58.3	13.4	58.2	13.5	58.1	13.7	58.0	14.1
		9.0	7.9	60.4	12.9	60.2	13.2	60.1	13.6	60.1	13.7	60.0	13.9	59.1	13.9
		11.0	9.8	62.2	13.1	62.1	13.4	62.0	13.7	61.9	13.9	61.9	14.0	59.1	13.4
		13.0	11.8	64.2	13.3	64.1	13.6	63.9	13.9	63.9	14.0	63.4	14.1	59.1	12.9
		15.0	13.7	66.0	13.4	65.9	13.7	65.8	14.0	65.6	14.1	63.4	13.6	59.1	12.5
110%	495	-19.8	-20.0	32.9	8.65	32.8	9.2	32.7	9.8	32.6	10.0	32.6	10.3	32.5	10.9
		-18.8	-19.0	33.9	8.95	33.8	9.5	33.7	10.0	33.6	10.3	33.6	10.6	33.4	11.1
		-16.7	-17.0	35.8	9.5	35.7	10.0	35.6	10.5	35.6	10.8	35.5	11.0	35.4	11.5
		-13.7	-15.0	37.8	10.0	37.7	10.5	37.6	11.0	37.5	11.2	37.5	11.5	37.4	11.9
		-11.8	-13.0	39.7	10.5	39.6	10.9	39.5	11.4	39.5	11.6	39.4	11.8	39.3	12.3
		-9.8	-11.0	41.7	10.9	41.6	11.3	41.5	11.7	41.4	11.9	41.4	12.2	41.3	12.6
		-9.5	-10.0	42.7	11.0	42.6	11.5	42.5	11.9	42.4	12.1	42.4	12.3	42.2	12.7
		-8.5	-9.1	43.6	11.2	43.5	11.6	43.3	12.0	43.3	12.2	43.2	12.5	43.1	12.9
		-7.0	-7.6	45.0	11.5	44.9	11.9	44.8	12.3	44.8	12.5	44.7	12.7	44.6	13.1
		-5.0	-5.6	47.0	11.8	46.9	12.2	46.8	12.5	46.7	12.7	46.7	12.9	46.5	13.3
		-3.0	-3.7	48.8	12.1	48.7	12.4	48.6	12.8	48.6	13.0	48.5	13.2	48.4	13.5
		0.0	-0.7	51.8	12.5	51.7	12.8	51.6	13.1	51.5	13.3	51.5	13.5	51.3	13.8
		3.0	2.2	54.6	12.8	54.5	13.1	54.4	13.5	54.3	13.6	54.3	13.8	54.2	14.1
		5.0	4.1	56.5	13.0	56.4	13.3	56.3	13.6	56.2	13.8	56.1	14.0	54.2	13.5
		7.0	6.0	58.3	13.2	58.2	13.5	58.1	13.8	58.1	14.0	58.0	14.1	54.2	13.0
		9.0	7.9	60.2	13.4	60.1	13.7	60.0	14.0	59.9	14.1	58.2	13.7	54.2	12.5
		11.0	9.8	62.0	13.6	61.9	13.8	61.8	14.1	60.2	13.7	58.2	13.2	54.2	12.1
		13.0	11.8	64.0	13.7	63.9	14.0	62.2	13.7	60.2	13.2	58.2	12.7	54.2	11.7
		15.0	13.7	65.9	13.9	65.8	14.2	62.2	13.3	60.2	12.8	58.2	12.3	54.2	11.3
100%	450	-19.8	-20.0	32.7	9.5	32.6	10.0	32.5	10.6	32.5	10.8	32.4	11.1	32.3	11.6
		-18.8	-19.0	33.7	9.8	33.6	10.3	33.5	10.8	33.5	11.0	33.4	11.3	33.3	11.8
		-16.7	-17.0	35.7	10.3	35.6	10.8	35.5	11.2	35.4	11.5	35.4	11.7	35.3	12.2
		-13.7	-15.0	37.6	10.8	37.5	11.2	37.4	11.7	37.4	11.9	37.3	12.1	37.2	12.5
		-11.8	-13.0	39.6	11.2	39.5	11.6	39.4	12.0	39.3	12.2	39.3	12.4	39.2	12.8
		-9.8	-11.0	41.5	11.5	41.4	11.9	41.3	12.3	41.3	12.5	41.2	12.7	41.1	13.1
		-9.5	-10.0	42.5	11.7	42.4	12.1	42.3	12.5	42.3	12.7	42.2	12.9	42.1	13.3
		-8.5	-9.1	43.4	11.9	43.3	12.2	43.2	12.6	43.1	12.8	43.1	13.0	43.0	13.4
		-7.0	-7.6	44.9	12.1	44.8	12.5	44.7	12.8	44.6	13.0	44.6	13.2	44.5	13.6
		-5.0	-5.6	46.8	12.4	46.7	12.7	46.6	13.1	46.6	13.3	46.5	13.4	46.4	13.8
		-3.0	-3.7	48.7	12.6	48.6	13.0	48.5	13.3	48.4	13.5	48.4	13.7	48.3	14.0
		0.0	-0.7	51.6	13.0	51.5	13.3	51.4	13.6	51.4	13.8	51.3	14.0	49.2	13.4
		3.0	2.2	54.4	13.3	54.3	13.6	54.2	13.9	54.2	14.1	52.9	13.7	49.2	12.6
		5.0	4.1	56.3	13.5	56.2	13.8	56.1	14.1	54.7	13.7	52.9	13.2	49.2	12.1
		7.0	6.0	58.2	13.7	58.1	14.0	56.5	13.7	54.7	13.2	52.9	12.7	49.2	11.7
		9.0	7.9	60.0	13.9	59.9	14.1	56.5	13.2	54.7	12.7	52.9	12.2	49.2	11.2
		11.0	9.8	61.9	14.0	60.1	13.7	56.5	12.7	54.7	12.2	52.9	11.8	49.2	10.9
		13.0	11.8	63.8	14.1	60.1	13.2	56.5	12.3	54.7	11.8	52.9	11.4	49.2	10.5
		15.0	13.7	63.8	13.7	60.1	12.8	56.5	11.9	54.7	11.4	52.9	11.0	49.2	10.1
90%	405	-19.8	-20.0	32.6	10.4	32.5	10.9	32.4	11.3	32.3	11.6	32.3	11.8	32.2	12.3
		-18.8	-19.0	33.5	10.7	33.4	11.1	33.4	11.6	33.3	11.8	33.3	12.0	33.2	12.4
		-16.7	-17.0	35.5	11.1	35.4	11.6	35.3	12.0	35.3	12.2	35.2	12.4	35.1	12.8
		-13.7	-15.0	37.4	11.5	37.4	11.9	37.3	12.3	37.2	12.5	37.2	12.7	37.1	13.1
		-11.8	-13.0	39.4	11.9	39.3	12.3	39.2	12.7	39.2	12.8	39.1	13.0	39.0	13.4
		-9.8	-11.0	41.4	12.2	41.3	12.6	41.2	13.0	41.1	13.1	41.1	13.3	41.0	13.7
		-9.5	-10.0	42.3	12.4	42.2	12.7	42.2	13.1	42.1	13.3	42.1	13.4	42.0	13.8
		-8.5	-9.1	43.2	12.5	43.1	12.9	43.0	13.2	43.0	13.4	42.9	13.6	42.9	13.9
		-7.0	-7.6	44.7	12.7	44.6	13.1	44.5	13.4	44.5	13.6	44.4	13.7	44.3	14.1
		-5.0	-5.6	46.6	13.0	46.5	13.3	46.5	13.6	46.4	13.8	46.4	14.0	44.3	13.3
		-3.0	-3.7	48.5	13.2	48.4	13.5	48.3	13.8	48.3	14.0	47.6	13.9	44.3	12.7
		0.0	-0.7	51.4	13.6	51.3	13.8	50.9	14.0	49.2	13.4	47.6	12.9	44.3	11.9
		3.0	2.2	54.3	13.9	54.1	14.1	50.9	13.1	49.2	12.6	47.6	12.1	44.3	11.2
		5.0	4.1	56.1	14.0	54.1	13.5	50.9	12.6	49.2	12.1	47.6	11.6	44.3	10.7
		7.0	6.0	57.4	14.0	54.1	13.0	50.9	12.1	49.2	11.6	47.6	11.2	44.3	10.3
		9.0	7.9	57.4	13.4	54.1	12.5	50.9	11.7	49.2	11.2	47.6	10.8	44.3	10.0
		11.0	9.8	57.4	13.0	54.1	12.1	50.9	11.3	49.2	10.8	47.6	10.4	44.3	9.6
		13.0	11.8	57.4	12.5	54.1	11.7	50.9	10.9	49.2	10.5	47.6	10.1	44.3	9.3
		15.0	13.7	57.4	12.1	54.1	11.3	50.9	10.5	49.2	10.1	47.6	9.8	44.3	9.03

3 Capacity tables

3 - 2 Heating capacity tables

18HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	360	-19.8	-20.0	32.4	11.3	32.3	11.7	32.2	12.1	32.2	12.3	32.1	12.5	32.1	12.9
		-18.8	-19.0	33.4	11.5	33.3	11.9	33.2	12.3	33.2	12.5	33.1	12.7	33.0	13.1
		-16.7	-17.0	35.3	11.9	35.2	12.3	35.2	12.7	35.1	12.9	35.1	13.1	35.0	13.4
		-13.7	-15.0	37.3	12.3	37.2	12.7	37.1	13.0	37.1	13.2	37.0	13.4	37.0	13.7
		-11.8	-13.0	39.2	12.6	39.1	13.0	39.1	13.3	39.0	13.5	39.0	13.6	38.9	14.0
		-9.8	-11.0	41.2	12.9	41.1	13.3	41.0	13.6	41.0	13.7	40.9	13.9	39.4	13.4
		-9.5	-10.0	42.2	13.1	42.1	13.4	42.0	13.7	42.0	13.9	41.9	14.0	39.4	13.0
		-8.5	-9.1	43.0	13.2	43.0	13.5	42.9	13.8	42.8	14.0	42.3	13.8	39.4	12.7
		-7.0	-7.6	44.5	13.4	44.4	13.7	44.3	14.0	43.7	13.8	42.3	13.3	39.4	12.2
		-5.0	-5.6	46.5	13.6	46.4	13.9	45.2	13.7	43.7	13.1	42.3	12.6	39.4	11.6
		-3.0	-3.7	48.3	13.8	48.1	14.0	45.2	13.0	43.7	12.5	42.3	12.1	39.4	11.1
		0.0	-0.7	51.0	14.0	48.1	13.1	45.2	12.1	43.7	11.7	42.3	11.2	39.4	10.4
		3.0	2.2	51.0	13.1	48.1	12.3	45.2	11.4	43.7	11.0	42.3	10.6	39.4	9.8
		5.0	4.1	51.0	12.6	48.1	11.8	45.2	11.0	43.7	10.6	42.3	10.2	39.4	9.4
		7.0	6.0	51.0	12.1	48.1	11.3	45.2	10.6	43.7	10.2	42.3	9.8	39.4	9.1
		9.0	7.9	51.0	11.7	48.1	10.9	45.2	10.2	43.7	9.8	42.3	9.5	39.4	8.77
		11.0	9.8	51.0	11.3	48.1	10.6	45.2	9.9	43.7	9.5	42.3	9.2	39.4	8.48
		13.0	11.8	51.0	10.9	48.1	10.2	45.2	9.5	43.7	9.2	42.3	8.85	39.4	8.20
		15.0	13.7	51.0	10.5	48.1	9.9	45.2	9.2	43.7	8.90	42.3	8.58	39.4	7.96
70%	315	-19.8	-20.0	32.2	12.2	32.1	12.6	32.1	12.9	32.0	13.1	32.0	13.3	31.9	13.6
		-18.8	-19.0	33.2	12.4	33.1	12.7	33.0	13.1	33.0	13.3	33.0	13.4	32.9	13.8
		-16.7	-17.0	35.1	12.8	35.1	13.1	35.0	13.4	35.0	13.6	34.9	13.7	34.5	13.8
		-13.7	-15.0	37.1	13.1	37.0	13.4	37.0	13.7	36.9	13.9	36.9	14.0	34.5	12.9
		-11.8	-13.0	39.1	13.4	39.0	13.7	38.9	14.0	38.3	13.8	37.0	13.2	34.5	12.2
		-9.8	-11.0	41.0	13.6	40.9	13.9	39.6	13.5	38.3	13.0	37.0	12.5	34.5	11.5
		-9.5	-10.0	42.0	13.8	41.9	14.0	39.6	13.1	38.3	12.6	37.0	12.1	34.5	11.2
		-8.5	-9.1	42.9	13.9	42.1	13.8	39.6	12.8	38.3	12.3	37.0	11.8	34.5	10.9
		-7.0	-7.6	44.3	14.0	42.1	13.2	39.6	12.3	38.3	11.8	37.0	11.4	34.5	10.5
		-5.0	-5.6	44.6	13.5	42.1	12.6	39.6	11.7	38.3	11.2	37.0	10.8	34.5	10.0
		-3.0	-3.7	44.6	12.8	42.1	12.0	39.6	11.2	38.3	10.7	37.0	10.3	34.5	9.6
		0.0	-0.7	44.6	12.0	42.1	11.2	39.6	10.4	38.3	10.0	37.0	9.7	34.5	8.95
		3.0	2.2	44.6	11.2	42.1	10.5	39.6	9.8	38.3	9.5	37.0	9.1	34.5	8.44
		5.0	4.1	44.6	10.8	42.1	10.1	39.6	9.4	38.3	9.1	37.0	8.79	34.5	8.14
		7.0	6.0	44.6	10.4	42.1	9.8	39.6	9.1	38.3	8.80	37.0	8.48	34.5	7.87
		9.0	7.9	44.6	10.1	42.1	9.4	39.6	8.81	38.3	8.50	37.0	8.20	34.5	7.61
		11.0	9.8	44.6	9.7	42.1	9.1	39.6	8.52	38.3	8.23	37.0	7.94	34.5	7.37
		13.0	11.8	44.6	9.4	42.1	8.81	39.6	8.24	38.3	7.96	37.0	7.68	34.5	7.14
		15.0	13.7	44.6	9.1	42.1	8.54	39.6	7.99	38.3	7.72	37.0	7.46	34.5	6.93
60%	270	-19.8	-20.0	32.0	13.1	32.0	13.4	31.9	13.7	31.9	13.9	31.7	13.9	29.5	12.8
		-18.8	-19.0	33.0	13.3	32.9	13.6	32.9	13.9	32.8	14.0	31.7	13.4	29.5	12.3
		-16.7	-17.0	35.0	13.6	34.9	13.9	33.9	13.5	32.8	13.0	31.7	12.5	29.5	11.5
		-13.7	-15.0	36.9	13.9	36.1	13.7	33.9	12.7	32.8	12.2	31.7	11.7	29.5	10.8
		-11.8	-13.0	38.3	13.8	36.1	12.8	33.9	11.9	32.8	11.5	31.7	11.0	29.5	10.2
		-9.8	-11.0	38.3	13.0	36.1	12.1	33.9	11.3	32.8	10.8	31.7	10.4	29.5	9.6
		-9.5	-10.0	38.3	12.6	36.1	11.8	33.9	11.0	32.8	10.6	31.7	10.2	29.5	9.4
		-8.5	-9.1	38.3	12.3	36.1	11.5	33.9	10.7	32.8	10.3	31.7	9.9	29.5	9.2
		-7.0	-7.6	38.3	11.8	36.1	11.0	33.9	10.3	32.8	9.9	31.7	9.6	29.5	8.84
		-5.0	-5.6	38.3	11.2	36.1	10.5	33.9	9.8	32.8	9.5	31.7	9.1	29.5	8.44
		-3.0	-3.7	38.3	10.7	36.1	10.1	33.9	9.4	32.8	9.05	31.7	8.73	29.5	8.09
		0.0	-0.7	38.3	10.0	36.1	9.4	33.9	8.79	32.8	8.49	31.7	8.19	29.5	7.60
		3.0	2.2	38.3	9.5	36.1	8.87	33.9	8.29	32.8	8.01	31.7	7.73	29.5	7.18
		5.0	4.1	38.3	9.1	36.1	8.55	33.9	8.00	32.8	7.73	31.7	7.46	29.5	6.94
		7.0	6.0	38.3	8.79	36.1	8.26	33.9	7.73	32.8	7.47	31.7	7.22	29.5	6.71
		9.0	7.9	38.3	8.50	36.1	7.98	33.9	7.48	32.8	7.23	31.7	6.99	29.5	6.50
		11.0	9.8	38.3	8.22	36.1	7.73	33.9	7.25	32.8	7.01	31.7	6.77	29.5	6.31
		13.0	11.8	38.3	7.95	36.1	7.48	33.9	7.02	32.8	6.79	31.7	6.56	29.5	6.12
		15.0	13.7	38.3	7.72	36.1	7.26	33.9	6.82	32.8	6.60	31.7	6.38	29.5	5.95
50%	225	-19.8	-20.0	31.9	14.0	30.1	13.1	28.3	12.1	27.3	11.7	26.4	11.2	24.6	10.4
		-18.8	-19.0	31.9	13.5	30.1	12.6	28.3	11.7	27.3	11.3	26.4	10.9	24.6	10.0
		-16.7	-17.0	31.9	12.6	30.1	11.8	28.3	10.9	27.3	10.5	26.4	10.2	24.6	9.4
		-13.7	-15.0	31.9	11.8	30.1	11.0	28.3	10.3	27.3	9.9	26.4	9.5	24.6	8.83
		-11.8	-13.0	31.9	11.1	30.1	10.4	28.3	9.7	27.3	9.4	26.4	9.01	24.6	8.35
		-9.8	-11.0	31.9	10.5	30.1	9.8	28.3	9.2	27.3	8.86	26.4	8.54	24.6	7.92
		-9.5	-10.0	31.9	10.2	30.1	9.6	28.3	8.94	27.3	8.63	26.4	8.33	24.6	7.72
		-8.5	-9.1	31.9	10.0	30.1	9.4	28.3	8.74	27.3	8.44	26.4	8.14	24.6	7.55
		-7.0	-7.6	31.9	9.6	30.1	9.01	28.3	8.43	27.3	8.14	26.4	7.85	24.6	7.29
		-5.0	-5.6	31.9	9.2	30.1	8.60	28.3	8.04	27.3	7.77	26.4	7.50	24.6	6.97
		-3.0	-3.7	31.9	8.77	30.1	8.24	28.3	7.72	27.3	7.46	26.4	7.20	24.6	6.70
		0.0	-0.7	31.9	8.23	30.1	7.74	28.3	7.25	27.3	7.01	26.4	6.78	24.6	6.31
		3.0	2.2	31.9	7.77	30.1	7.31	28.3	6.86	27.3	6.64	26.4	6.42	24.6	5.99
		5.0	4.1	31.9	7.50	30.1	7.06	28.3	6.63	27.3	6.42	26.4	6.21	24.6	5.79
		7.0	6.0	31.9	7.25	30.1	6.83	28.3	6.42	27.3	6.22	26.4	6.01	24.6	5.61
		9.0	7.9	31.9	7.02	30.1	6.62	28.3	6.22	27.3	6.03	26.4	5.83	24.6	5.45
		11.0	9.8	31.9	6.81	30.1	6.42	28.3	6.04	27.3	5.85	26.4	5.66	24.6	5.29
		13.0	11.8	31.9	6.60	30.1	6.22	28.3	5.86	27.3	5.68	26.4	5.50	24.6	5.14
		15.0	13.7	31.9	6.41	30.1	6.05	28.3	5.70	27.3	5.52	26.4	5.35	24.6	5.01

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

20HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	650	-19.8	-20.0	37.8	8.16	37.6	8.90	37.5	9.63	37.4	10.0	37.4	10.4	37.2	11.1
		-18.8	-19.0	38.9	8.56	38.8	9.28	38.6	10.0	38.5	10.3	38.5	10.7	38.3	11.4
		-16.7	-17.0	41.1	9.29	41.0	10.0	40.8	10.6	40.8	11.0	40.7	11.3	40.5	12.0
		-13.7	-15.0	43.4	9.94	43.2	10.6	43.1	11.2	43.0	11.5	42.9	11.9	42.8	12.5
		-11.8	-13.0	45.6	10.5	45.4	11.1	45.3	11.7	45.2	12.0	45.1	12.3	45.0	12.9
		-9.8	-11.0	47.8	11.1	47.7	11.6	47.5	12.2	47.4	12.5	47.4	12.8	47.2	13.4
		-9.5	-10.0	48.9	11.3	48.8	11.9	48.6	12.4	48.6	12.7	48.5	13.0	48.3	13.6
		-8.5	-9.1	49.9	11.5	49.8	12.1	49.6	12.6	49.6	12.9	49.5	13.2	49.3	13.7
		-7.0	-7.6	51.6	11.9	51.4	12.4	51.3	12.9	51.2	13.2	51.2	13.4	51.0	14.0
		-5.0	-5.6	53.8	12.3	53.7	12.8	53.5	13.3	53.5	13.5	53.4	13.8	53.2	14.3
		-3.0	-3.7	55.9	12.6	55.8	13.1	55.6	13.6	55.6	13.9	55.5	14.1	55.4	14.6
		0.0	-0.7	59.3	13.2	59.1	13.6	59.0	14.1	58.9	14.3	58.8	14.5	58.7	15.0
		3.0	2.2	62.5	13.6	62.4	14.0	62.2	14.5	62.1	14.7	62.1	14.9	61.9	15.3
		5.0	4.1	64.6	13.9	64.5	14.3	64.3	14.7	64.2	14.9	64.2	15.1	64.0	15.6
		7.0	6.0	66.7	14.1	66.6	14.5	66.4	14.9	66.4	15.1	66.3	15.4	66.1	15.8
		9.0	7.9	68.8	14.4	68.7	14.8	68.5	15.2	68.5	15.4	68.4	15.6	68.3	16.0
		11.0	9.8	71.0	14.6	70.8	15.0	70.7	15.4	70.6	15.6	70.5	15.7	70.4	16.1
		13.0	11.8	73.2	14.8	73.0	15.2	72.9	15.6	72.8	15.7	72.7	15.9	71.4	15.9
		15.0	13.7	75.3	15.0	75.1	15.4	75.0	15.7	74.9	15.9	74.9	16.1	71.4	15.3
120%	600	-19.8	-20.0	37.6	9.16	37.5	9.84	37.3	10.5	37.3	10.9	37.2	11.2	37.1	11.9
		-18.8	-19.0	38.7	9.53	38.6	10.2	38.4	10.8	38.4	11.2	38.3	11.5	38.2	12.2
		-16.7	-17.0	40.9	10.2	40.8	10.8	40.7	11.4	40.6	11.8	40.5	12.1	40.4	12.7
		-13.7	-15.0	43.2	10.8	43.0	11.4	42.9	12.0	42.8	12.3	42.8	12.6	42.6	13.2
		-11.8	-13.0	45.4	11.3	45.3	11.9	45.1	12.5	45.1	12.7	45.0	13.0	44.9	13.6
		-9.8	-11.0	47.6	11.8	47.5	12.4	47.3	12.9	47.3	13.2	47.2	13.4	47.1	14.0
		-9.5	-10.0	48.7	12.1	48.6	12.6	48.5	13.1	48.4	13.4	48.3	13.6	48.2	14.1
		-8.5	-9.1	49.7	12.3	49.6	12.8	49.5	13.3	49.4	13.5	49.3	13.8	49.2	14.3
		-7.0	-7.6	51.4	12.6	51.3	13.1	51.1	13.6	51.1	13.8	51.0	14.0	50.9	14.5
		-5.0	-5.6	53.6	13.0	53.5	13.4	53.4	13.9	53.3	14.1	53.2	14.4	53.1	14.8
		-3.0	-3.7	55.7	13.3	55.6	13.7	55.5	14.2	55.4	14.4	55.3	14.6	55.2	15.1
		0.0	-0.7	59.1	13.8	58.9	14.2	58.8	14.6	58.7	14.8	58.7	15.1	58.5	15.5
		3.0	2.2	62.3	14.2	62.2	14.6	62.0	15.0	62.0	15.2	61.9	15.4	61.8	15.8
		5.0	4.1	64.4	14.4	64.3	14.8	64.1	15.2	64.1	15.4	64.0	15.6	63.9	16.0
		7.0	6.0	66.5	14.7	66.4	15.1	66.3	15.4	66.2	15.6	66.1	15.8	65.9	16.1
		9.0	7.9	68.6	14.9	68.5	15.3	68.4	15.6	68.3	15.8	68.2	16.0	65.9	15.5
		11.0	9.8	70.8	15.1	70.6	15.5	70.5	15.8	70.4	16.0	70.4	16.2	65.9	15.0
		13.0	11.8	73.0	15.3	72.9	15.7	72.7	16.0	72.7	16.2	70.7	15.7	65.9	14.4
		15.0	13.7	75.1	15.5	75.0	15.8	74.8	16.2	73.2	15.8	70.7	15.2	65.9	14.0
110%	550	-19.8	-20.0	37.4	10.2	37.3	10.8	37.2	11.4	37.1	11.7	37.0	12.0	36.9	12.6
		-18.8	-19.0	38.5	10.5	38.4	11.1	38.3	11.7	38.2	12.0	38.1	12.3	38.0	12.9
		-16.7	-17.0	40.7	11.1	40.6	11.7	40.5	12.2	40.4	12.5	40.4	12.8	40.2	13.4
		-13.7	-15.0	43.0	11.7	42.8	12.2	42.7	12.7	42.7	13.0	42.6	13.3	42.5	13.8
		-11.8	-13.0	45.2	12.2	45.1	12.7	44.9	13.2	44.9	13.4	44.8	13.7	44.7	14.2
		-9.8	-11.0	47.4	12.6	47.3	13.1	47.2	13.6	47.1	13.8	47.0	14.1	46.9	14.6
		-9.5	-10.0	48.5	12.8	48.4	13.3	48.3	13.8	48.2	14.0	48.2	14.2	48.0	14.7
		-8.5	-9.1	49.5	13.0	49.4	13.5	49.3	13.9	49.2	14.2	49.2	14.4	49.0	14.9
		-7.0	-7.6	51.2	13.3	51.1	13.7	51.0	14.2	50.9	14.4	50.8	14.6	50.7	15.1
		-5.0	-5.6	53.4	13.6	53.3	14.1	53.2	14.5	53.1	14.7	53.1	14.9	52.9	15.4
		-3.0	-3.7	55.5	14.0	55.4	14.4	55.3	14.8	55.2	15.0	55.2	15.2	55.1	15.6
		0.0	-0.7	58.9	14.4	58.8	14.8	58.6	15.2	58.6	15.4	58.5	15.6	58.4	16.0
		3.0	2.2	62.1	14.8	62.0	15.2	61.9	15.5	61.8	15.7	61.7	15.9	60.4	15.8
		5.0	4.1	64.2	15.0	64.1	15.4	64.0	15.7	63.9	15.9	63.9	16.1	60.4	15.1
		7.0	6.0	66.3	15.2	66.2	15.6	66.1	15.9	66.0	16.1	64.8	15.8	60.4	14.5
		9.0	7.9	68.4	15.4	68.3	15.8	68.2	16.1	67.1	15.9	64.8	15.2	60.4	14.0
		11.0	9.8	70.6	15.6	70.4	16.0	69.3	15.9	67.1	15.3	64.8	14.7	60.4	13.5
		13.0	11.8	72.8	15.8	72.7	16.1	69.3	15.3	67.1	14.7	64.8	14.2	60.4	13.0
		15.0	13.7	74.9	16.0	73.8	16.0	69.3	14.8	67.1	14.2	64.8	13.7	60.4	12.6
100%	500	-19.8	-20.0	37.2	11.1	37.1	11.7	37.0	12.3	36.9	12.6	36.9	12.8	36.8	13.4
		-18.8	-19.0	38.3	11.5	38.2	12.0	38.1	12.5	38.0	12.8	38.0	13.1	37.9	13.6
		-16.7	-17.0	40.5	12.0	40.4	12.5	40.3	13.1	40.3	13.3	40.2	13.6	40.1	14.1
		-13.7	-15.0	42.8	12.5	42.7	13.0	42.5	13.5	42.5	13.7	42.4	14.0	42.3	14.5
		-11.8	-13.0	45.0	13.0	44.9	13.4	44.8	13.9	44.7	14.1	44.7	14.4	44.6	14.8
		-9.8	-11.0	47.2	13.4	47.1	13.8	47.0	14.3	46.9	14.5	46.9	14.7	46.8	15.2
		-9.5	-10.0	48.3	13.6	48.2	14.0	48.1	14.4	48.1	14.7	48.0	14.9	47.9	15.3
		-8.5	-9.1	49.3	13.7	49.2	14.2	49.1	14.6	49.1	14.8	49.0	15.0	48.9	15.4
		-7.0	-7.6	51.0	14.0	50.9	14.4	50.8	14.8	50.7	15.0	50.7	15.2	50.6	15.6
		-5.0	-5.6	53.2	14.3	53.1	14.7	53.0	15.1	53.0	15.3	52.9	15.5	52.8	15.9
		-3.0	-3.7	55.3	14.6	55.2	15.0	55.1	15.4	55.1	15.6	55.0	15.7	54.9	16.1
		0.0	-0.7	58.7	15.0	58.6	15.4	58.5	15.7	58.4	15.9	58.4	16.1	54.9	15.0
		3.0	2.2	61.9	15.4	61.8	15.7	61.7	16.0	61.0	15.9	59.0	15.3	54.9	14.1
		5.0	4.1	64.0	15.6	63.9	15.9	63.0	15.9	61.0	15.3	59.0	14.7	54.9	13.5
		7.0	6.0	66.1	15.8	66.0	16.1	63.0	15.3	61.0	14.7	59.0	14.1	54.9	13.0
		9.0	7.9	68.3	16.0	67.0	15.9	63.0	14.7	61.0	14.2	59.0	13.6	54.9	12.5
		11.0	9.8	70.4	16.1	67.0	15.3	63.0	14.2	61.0	13.7	59.0	13.1	54.9	12.1
		13.0	11.8	71.1	15.8	67.0	14.7	63.0	13.7	61.0	13.2	59.0	12.7	54.9	11.7
		15.0	13.7	71.1	15.3	67.0	14.2	63.0	13.2	61.0	12.8	59.0	12.3	54.9	11.3
90%	450	-19.8	-20.0	37.0	12.1	36.9	12.6	36.8	13.2	36.8	13.4	36.7	13.7	36.6	14.2
		-18.8	-19.0	38.1	12.4	38.0	12.9	37.9	13.4	37.9	13.7	37.8	13.9	37.7	14.4
		-16.7	-17.0	40.3	12.9	40.2	13.4	40.1	13.9	40.1	14.1	40.0	14.3	39.9	14.8
		-13.7	-15.0	42.6	13.4	42.5	13.8	42.4	14.3	42.3	14.5	42.3	14.7	42.2	15.1
		-11.8	-13.0	44.8	13.8	44.7	14.2	44.6	14.6	44.5	14.8	44.5	15.0	44.4	15.5
		-9.8	-11.0	47.0	14.2	46.9	14.6	46.8	15.0	46.8	15.2	46.7	15.4	46.6	15.8
		-9.5	-10.0	48.1	14.3	48.0	14.7	47.9	15.1	47.9	15.3	47.8	15.5	47.7	15.9
		-8.5	-9.1	49.1	14.5	49.0	14.9	48.9	15.3	48.9	15.4	48.8	15.6	48.7	16.0
		-7.0	-7.6	50.8	14.7	50.7	15.1	50.6	15.5	50.6	15.6	50.5	15.8	49.4	15.7
		-5.0	-5.6	53.0	15.0	52.9	15.4	52.8	15.7	52.8	15.9	52.7	16.1	49.4	14.9
		-3.0	-3.7	55.1	15.3	55.0	15.6	54.9	16.0	54.9	16.1	53.1	15.5	49.4	14.2
		0.0	-0.7	58.5	15.6	58.4	16.0	56.7	15.6	54.9	15.0	53.1	14.4	49.4	13.3
		3.0	2.2	61.7	16.0	60.3	15.7	56.7	14.6	54.9	14.1	53.1	13.5	49.4	12.5
		5.0	4.1	63.8	16.2	60.3	15.1	56.7	14.0	54.9	13.5	53.1	13.0	49.4	12.0
		7.0	6.0	64.0	15.6	60.3	14.5	56.7	13.5	54.9	13.0	53.1	12.5	49.4	11.5
		9.0	7.9	64.0	15.0	60.3	14.0	56.7	13.0	54.9	12.5	53.1	12.1	49.4	11.1
		11.0	9.8	64.0	14.5	60.3	13.5	56.7	12.6	54.9	12.1	53.1	11.7	49.4	10.8
		13.0	11.8	64.0	13.9	60.3	13.0	56.7	12.1	54.9	11.7	53.1	11.3	49.4	10.4
		15.0	13.7	64.0	13.5	60.3	12.6	56.7	11.7	54.9	11.3	53.1	10.9	49.4	10.1

3 Capacity tables

3 - 2 Heating capacity tables

20HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	400	-19.8	-20.0	36.8	13.1	36.7	13.6	36.6	14.0	36.6	14.3	36.5	14.5	36.5	14.9
		-18.8	-19.0	37.9	13.4	37.8	13.8	37.7	14.3	37.7	14.5	37.7	14.7	37.6	15.1
		-16.7	-17.0	40.2	13.8	40.1	14.2	40.0	14.7	39.9	14.9	39.9	15.1	39.8	15.5
		-13.7	-15.0	42.4	14.2	42.3	14.6	42.2	15.0	42.2	15.2	42.1	15.4	42.0	15.8
		-11.8	-13.0	44.6	14.6	44.5	15.0	44.4	15.4	44.4	15.5	44.3	15.7	43.9	15.9
		-9.8	-11.0	46.8	14.9	46.7	15.3	46.7	15.7	46.6	15.8	46.6	16.0	43.9	15.0
		-9.5	-10.0	47.9	15.1	47.9	15.4	47.8	15.8	47.7	16.0	47.2	15.9	43.9	14.6
		-8.5	-9.1	48.9	15.2	48.9	15.6	48.8	15.9	48.7	16.1	47.2	15.5	43.9	14.2
		-7.0	-7.6	50.6	15.4	50.5	15.8	50.4	16.1	48.8	15.5	47.2	14.8	43.9	13.7
		-5.0	-5.6	52.8	15.7	52.8	16.0	50.4	15.3	48.8	14.7	47.2	14.1	43.9	13.0
		-3.0	-3.7	55.0	15.9	53.6	15.7	50.4	14.6	48.8	14.0	47.2	13.5	43.9	12.4
		0.0	-0.7	56.9	15.7	53.6	14.6	50.4	13.6	48.8	13.1	47.2	12.6	43.9	11.6
		3.0	2.2	56.9	14.7	53.6	13.7	50.4	12.7	48.8	12.3	47.2	11.8	43.9	10.9
		5.0	4.1	56.9	14.1	53.6	13.2	50.4	12.3	48.8	11.8	47.2	11.4	43.9	10.5
		7.0	6.0	56.9	13.6	53.6	12.7	50.4	11.8	48.8	11.4	47.2	11.0	43.9	10.1
		9.0	7.9	56.9	13.1	53.6	12.2	50.4	11.4	48.8	11.0	47.2	10.6	43.9	9.79
		11.0	9.8	56.9	12.6	53.6	11.8	50.4	11.0	48.8	10.6	47.2	10.2	43.9	9.47
		13.0	11.8	56.9	12.2	53.6	11.4	50.4	10.6	48.8	10.3	47.2	9.89	43.9	9.16
		15.0	13.7	56.9	11.8	53.6	11.0	50.4	10.3	48.8	9.94	47.2	9.59	43.9	8.89
70%	350	-19.8	-20.0	36.6	14.1	36.5	14.5	36.5	14.9	36.4	15.1	36.4	15.3	36.3	15.7
		-18.8	-19.0	37.7	14.3	37.7	14.7	37.6	15.1	37.5	15.3	37.5	15.5	37.4	15.9
		-16.7	-17.0	40.0	14.7	39.9	15.1	39.8	15.5	39.8	15.6	39.7	15.8	38.4	15.4
		-13.7	-15.0	42.2	15.1	42.1	15.4	42.0	15.8	42.0	16.0	41.3	15.7	38.4	14.4
		-11.8	-13.0	44.4	15.4	44.3	15.8	44.1	16.0	42.7	15.4	41.3	14.8	38.4	13.6
		-9.8	-11.0	46.6	15.7	46.6	16.0	44.1	15.1	42.7	14.5	41.3	13.9	38.4	12.8
		-9.5	-10.0	47.7	15.9	46.9	15.8	44.1	14.6	42.7	14.1	41.3	13.5	38.4	12.5
		-8.5	-9.1	48.8	16.0	46.9	15.4	44.1	14.3	42.7	13.7	41.3	13.2	38.4	12.2
		-7.0	-7.6	49.8	15.8	46.9	14.8	44.1	13.7	42.7	13.2	41.3	12.7	38.4	11.7
		-5.0	-5.6	49.8	15.0	46.9	14.0	44.1	13.0	42.7	12.6	41.3	12.1	38.4	11.2
		-3.0	-3.7	49.8	14.3	46.9	13.4	44.1	12.5	42.7	12.0	41.3	11.6	38.4	10.7
		0.0	-0.7	49.8	13.4	46.9	12.5	44.1	11.6	42.7	11.2	41.3	10.8	38.4	10.0
		3.0	2.2	49.8	12.6	46.9	11.7	44.1	11.0	42.7	10.6	41.3	10.2	38.4	9.43
		5.0	4.1	49.8	12.1	46.9	11.3	44.1	10.6	42.7	10.2	41.3	9.81	38.4	9.09
		7.0	6.0	49.8	11.6	46.9	10.9	44.1	10.2	42.7	9.82	41.3	9.47	38.4	8.78
		9.0	7.9	49.8	11.2	46.9	10.5	44.1	9.83	42.7	9.49	41.3	9.16	38.4	8.50
		11.0	9.8	49.8	10.9	46.9	10.2	44.1	9.51	42.7	9.19	41.3	8.87	38.4	8.23
		13.0	11.8	49.8	10.5	46.9	9.84	44.1	9.20	42.7	8.89	41.3	8.58	38.4	7.97
		15.0	13.7	49.8	10.2	46.9	9.54	44.1	8.93	42.7	8.62	41.3	8.33	38.4	7.74
60%	300	-19.8	-20.0	36.4	15.1	36.4	15.5	36.3	15.8	36.3	16.0	35.4	15.5	32.9	14.3
		-18.8	-19.0	37.5	15.3	37.5	15.6	37.4	16.0	36.6	15.6	35.4	15.0	32.9	13.8
		-16.7	-17.0	39.8	15.7	39.7	16.0	37.8	15.1	36.6	14.5	35.4	14.0	32.9	12.9
		-13.7	-15.0	42.0	16.0	40.2	15.2	37.8	14.2	36.6	13.6	35.4	13.1	32.9	12.1
		-11.8	-13.0	42.7	15.4	40.2	14.3	37.8	13.3	36.6	12.8	35.4	12.3	32.9	11.4
		-9.8	-11.0	42.7	14.5	40.2	13.5	37.8	12.6	36.6	12.1	35.4	11.7	32.9	10.8
		-9.5	-10.0	42.7	14.1	40.2	13.1	37.8	12.2	36.6	11.8	35.4	11.4	32.9	10.5
		-8.5	-9.1	42.7	13.7	40.2	12.8	37.8	11.9	36.6	11.5	35.4	11.1	32.9	10.2
		-7.0	-7.6	42.7	13.2	40.2	12.3	37.8	11.5	36.6	11.1	35.4	10.7	32.9	9.88
		-5.0	-5.6	42.7	12.5	40.2	11.7	37.8	10.9	36.6	10.6	35.4	10.2	32.9	9.42
		-3.0	-3.7	42.7	12.0	40.2	11.2	37.8	10.5	36.6	10.1	35.4	9.75	32.9	9.03
		0.0	-0.7	42.7	11.2	40.2	10.5	37.8	9.82	36.6	9.48	35.4	9.14	32.9	8.48
		3.0	2.2	42.7	10.6	40.2	9.90	37.8	9.26	36.6	8.95	35.4	8.64	32.9	8.02
		5.0	4.1	42.7	10.2	40.2	9.55	37.8	8.94	36.6	8.63	35.4	8.34	32.9	7.75
		7.0	6.0	42.7	9.82	40.2	9.22	37.8	8.63	36.6	8.34	35.4	8.06	32.9	7.50
		9.0	7.9	42.7	9.49	40.2	8.91	37.8	8.35	36.6	8.08	35.4	7.80	32.9	7.26
		11.0	9.8	42.7	9.18	40.2	8.63	37.8	8.09	36.6	7.83	35.4	7.56	32.9	7.05
		13.0	11.8	42.7	8.88	40.2	8.36	37.8	7.84	36.6	7.58	35.4	7.33	32.9	6.83
		15.0	13.7	42.7	8.62	40.2	8.11	37.8	7.61	36.6	7.37	35.4	7.12	32.9	6.64
50%	250	-19.8	-20.0	35.5	15.6	33.5	14.6	31.5	13.6	30.5	13.0	29.5	12.6	27.5	11.6
		-18.8	-19.0	35.5	15.1	33.5	14.1	31.5	13.1	30.5	12.6	29.5	12.1	27.5	11.2
		-16.7	-17.0	35.5	14.1	33.5	13.1	31.5	12.2	30.5	11.8	29.5	11.3	27.5	10.5
		-13.7	-15.0	35.5	13.2	33.5	12.3	31.5	11.5	30.5	11.1	29.5	10.7	27.5	9.86
		-11.8	-13.0	35.5	12.4	33.5	11.6	31.5	10.8	30.5	10.4	29.5	10.1	27.5	9.32
		-9.8	-11.0	35.5	11.7	33.5	11.0	31.5	10.3	30.5	9.89	29.5	9.54	27.5	8.84
		-9.5	-10.0	35.5	11.4	33.5	10.7	31.5	10.0	30.5	9.64	29.5	9.30	27.5	8.62
		-8.5	-9.1	35.5	11.1	33.5	10.4	31.5	9.76	30.5	9.43	29.5	9.09	27.5	8.44
		-7.0	-7.6	35.5	10.7	33.5	10.1	31.5	9.41	30.5	9.09	29.5	8.77	27.5	8.14
		-5.0	-5.6	35.5	10.2	33.5	9.60	31.5	8.98	30.5	8.68	29.5	8.38	27.5	7.79
		-3.0	-3.7	35.5	9.80	33.5	9.20	31.5	8.62	30.5	8.33	29.5	8.04	27.5	7.48
		0.0	-0.7	35.5	9.19	33.5	8.64	31.5	8.10	30.5	7.83	29.5	7.57	27.5	7.05
		3.0	2.2	35.5	8.68	33.5	8.17	31.5	7.66	30.5	7.42	29.5	7.17	27.5	6.69
		5.0	4.1	35.5	8.38	33.5	7.89	31.5	7.41	30.5	7.17	29.5	6.93	27.5	6.47
		7.0	6.0	35.5	8.10	33.5	7.63	31.5	7.17	30.5	6.94	29.5	6.72	27.5	6.27
		9.0	7.9	35.5	7.84	33.5	7.39	31.5	6.95	30.5	6.73	29.5	6.51	27.5	6.09
		11.0	9.8	35.5	7.60	33.5	7.17	31.5	6.74	30.5	6.53	29.5	6.32	27.5	5.91
		13.0	11.8	35.5	7.37	33.5	6.95	31.5	6.54	30.5	6.34	29.5	6.14	27.5	5.74
		15.0	13.7	35.5	7.16	33.5	6.76	31.5	6.36	30.5	6.17	29.5	5.98	27.5	5.59

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

22HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	715	-19.8	-20.0	41.4	9.12	41.3	9.94	41.1	10.8	41.1	11.2	41.0	11.6	40.8	12.4
		-18.8	-19.0	42.7	9.56	42.5	10.4	42.4	11.2	42.3	11.5	42.2	11.9	42.0	12.7
		-16.7	-17.0	45.1	10.4	45.0	11.1	44.8	11.9	44.7	12.2	44.6	12.6	44.5	13.4
		-13.7	-15.0	47.6	11.1	47.4	11.8	47.2	12.5	47.2	12.9	47.1	13.2	46.9	13.9
		-11.8	-13.0	50.0	11.7	49.8	12.4	49.7	13.1	49.6	13.4	49.5	13.7	49.4	14.4
		-9.8	-11.0	52.4	12.3	52.3	13.0	52.1	13.6	52.0	13.9	52.0	14.2	51.8	14.9
		-9.5	-10.0	53.7	12.6	53.5	13.2	53.3	13.8	53.3	14.1	53.2	14.5	53.0	15.1
		-8.5	-9.1	54.8	12.8	54.6	13.4	54.4	14.0	54.4	14.3	54.3	14.6	54.1	15.3
		-7.0	-7.6	56.6	13.2	56.4	13.8	56.3	14.4	56.2	14.7	56.1	15.0	56.0	15.5
		-5.0	-5.6	59.0	13.6	58.9	14.2	58.7	14.8	58.6	15.0	58.6	15.3	58.4	15.9
		-3.0	-3.7	61.3	14.0	61.2	14.6	61.0	15.1	61.0	15.4	60.9	15.7	60.7	16.2
		0.0	-0.7	65.0	14.6	64.9	15.1	64.7	15.6	64.6	15.9	64.5	16.1	64.4	16.6
		3.0	2.2	68.5	15.1	68.4	15.6	68.2	16.0	68.2	16.3	68.1	16.5	67.9	17.0
		5.0	4.1	70.9	15.4	70.7	15.8	70.6	16.3	70.5	16.5	70.4	16.8	70.2	17.2
		7.0	6.0	73.2	15.7	73.0	16.1	72.9	16.6	72.8	16.8	72.7	17.0	72.6	17.5
		9.0	7.9	75.5	15.9	75.4	16.3	75.2	16.8	75.1	17.0	75.0	17.2	74.9	17.7
		11.0	9.8	77.8	16.1	77.7	16.6	77.5	17.0	77.4	17.2	77.4	17.4	77.2	17.8
		13.0	11.8	80.3	16.4	80.1	16.8	80.0	17.2	79.9	17.4	79.8	17.6	78.2	17.5
		15.0	13.7	82.6	16.6	82.4	17.0	82.3	17.4	82.2	17.6	82.1	17.8	78.2	16.9
120%	660	-19.8	-20.0	41.2	10.2	41.1	11.0	40.9	11.7	40.9	12.1	40.8	12.5	40.7	13.2
		-18.8	-19.0	42.5	10.6	42.3	11.4	42.2	12.1	42.1	12.5	42.0	12.8	41.9	13.6
		-16.7	-17.0	44.9	11.4	44.8	12.1	44.6	12.8	44.5	13.1	44.5	13.5	44.3	14.1
		-13.7	-15.0	47.3	12.0	47.2	12.7	47.0	13.3	47.0	13.7	46.9	14.0	46.8	14.7
		-11.8	-13.0	49.8	12.6	49.6	13.3	49.5	13.9	49.4	14.2	49.3	14.5	49.2	15.1
		-9.8	-11.0	52.2	13.2	52.1	13.8	51.9	14.4	51.9	14.6	51.8	14.9	51.6	15.5
		-9.5	-10.0	53.4	13.4	53.3	14.0	53.2	14.6	53.1	14.9	53.0	15.2	52.9	15.7
		-8.5	-9.1	54.5	13.6	54.4	14.2	54.2	14.8	54.2	15.0	54.1	15.3	54.0	15.9
		-7.0	-7.6	56.4	14.0	56.2	14.5	56.1	15.1	56.0	15.3	55.9	15.6	55.8	16.2
		-5.0	-5.6	58.8	14.4	58.7	14.9	58.5	15.4	58.4	15.7	58.4	16.0	58.2	16.5
		-3.0	-3.7	61.1	14.8	61.0	15.3	60.8	15.8	60.8	16.0	60.7	16.3	60.6	16.8
		0.0	-0.7	64.8	15.3	64.7	15.8	64.5	16.2	64.4	16.5	64.4	16.7	64.2	17.2
		3.0	2.2	68.3	15.7	68.2	16.2	68.0	16.6	68.0	16.8	67.9	17.1	67.8	17.5
		5.0	4.1	70.7	16.0	70.5	16.4	70.4	16.9	70.3	17.1	70.2	17.3	70.1	17.7
		7.0	6.0	73.0	16.3	72.8	16.7	72.7	17.1	72.6	17.3	72.5	17.5	72.2	17.8
		9.0	7.9	75.3	16.5	75.2	16.9	75.0	17.3	74.9	17.5	74.9	17.7	72.2	17.2
		11.0	9.8	77.6	16.7	77.5	17.1	77.3	17.5	77.3	17.7	77.2	17.9	72.2	16.5
		13.0	11.8	80.1	16.9	79.9	17.3	79.8	17.7	79.7	17.9	77.5	17.3	72.2	15.9
		15.0	13.7	82.4	17.1	82.2	17.5	82.1	17.9	80.1	17.4	77.5	16.7	72.2	15.4
110%	605	-19.8	-20.0	41.0	11.3	40.9	12.0	40.8	12.7	40.7	13.1	40.6	13.4	40.5	14.1
		-18.8	-19.0	42.2	11.7	42.1	12.4	42.0	13.0	41.9	13.4	41.8	13.7	41.7	14.4
		-16.7	-17.0	44.7	12.4	44.5	13.0	44.4	13.7	44.3	14.0	44.3	14.3	44.1	14.9
		-13.7	-15.0	47.1	13.0	47.0	13.6	46.9	14.2	46.8	14.5	46.7	14.8	46.6	15.4
		-11.8	-13.0	49.6	13.5	49.4	14.1	49.3	14.7	49.2	15.0	49.2	15.2	49.0	15.8
		-9.8	-11.0	52.0	14.0	51.9	14.6	51.7	15.1	51.7	15.4	51.6	15.7	51.5	16.2
		-9.5	-10.0	53.2	14.3	53.1	14.8	53.0	15.3	52.9	15.6	52.8	15.8	52.7	16.4
		-8.5	-9.1	54.3	14.5	54.2	15.0	54.1	15.5	54.0	15.8	53.9	16.0	53.8	16.5
		-7.0	-7.6	56.2	14.8	56.0	15.3	55.9	15.8	55.8	16.0	55.8	16.3	55.6	16.8
		-5.0	-5.6	58.6	15.2	58.5	15.6	58.3	16.1	58.3	16.4	58.2	16.6	58.1	17.1
		-3.0	-3.7	60.9	15.5	60.8	16.0	60.7	16.4	60.6	16.6	60.5	16.9	60.4	17.3
		0.0	-0.7	64.6	16.0	64.4	16.4	64.3	16.8	64.2	17.1	64.2	17.3	64.0	17.7
		3.0	2.2	68.1	16.4	68.0	16.8	67.9	17.2	67.8	17.4	67.7	17.6	66.1	17.4
		5.0	4.1	70.4	16.6	70.3	17.0	70.2	17.4	70.1	17.6	70.0	17.8	66.1	16.7
		7.0	6.0	72.8	16.9	72.6	17.2	72.5	17.6	72.4	17.8	71.0	17.5	66.1	16.1
		9.0	7.9	75.1	17.1	74.9	17.5	74.8	17.8	73.5	17.5	71.0	16.8	66.1	15.5
		11.0	9.8	77.4	17.3	77.3	17.6	75.9	17.6	73.5	16.9	71.0	16.2	66.1	14.9
		13.0	11.8	79.8	17.5	79.7	17.8	75.9	16.9	73.5	16.3	71.0	15.6	66.1	14.4
		15.0	13.7	82.2	17.7	80.8	17.6	75.9	16.3	73.5	15.7	71.0	15.1	66.1	13.9
100%	550	-19.8	-20.0	40.8	12.4	40.7	13.1	40.6	13.7	40.5	14.0	40.4	14.3	40.3	15.0
		-18.8	-19.0	42.0	12.8	41.9	13.4	41.8	14.0	41.7	14.3	41.7	14.6	41.5	15.2
		-16.7	-17.0	44.5	13.4	44.3	14.0	44.2	14.6	44.2	14.8	44.1	15.1	44.0	15.7
		-13.7	-15.0	46.9	14.0	46.8	14.5	46.7	15.0	46.6	15.3	46.5	15.6	46.4	16.1
		-11.8	-13.0	49.4	14.5	49.2	15.0	49.1	15.5	49.0	15.7	49.0	16.0	48.9	16.5
		-9.8	-11.0	51.8	14.9	51.7	15.4	51.6	15.9	51.5	16.1	51.4	16.4	51.3	16.9
		-9.5	-10.0	53.0	15.1	52.9	15.6	52.8	16.1	52.7	16.3	52.7	16.5	52.5	17.0
		-8.5	-9.1	54.1	15.3	54.0	15.8	53.9	16.2	53.8	16.5	53.8	16.7	53.6	17.2
		-7.0	-7.6	55.9	15.6	55.8	16.0	55.7	16.5	55.6	16.7	55.6	16.9	55.5	17.4
		-5.0	-5.6	58.4	15.9	58.3	16.4	58.1	16.8	58.1	17.0	58.0	17.2	57.9	17.7
		-3.0	-3.7	60.7	16.2	60.6	16.6	60.5	17.1	60.4	17.3	60.3	17.5	60.1	17.9
		0.0	-0.7	64.4	16.7	64.2	17.1	64.1	17.4	64.1	17.6	64.0	17.8	60.1	16.6
		3.0	2.2	67.9	17.0	67.8	17.4	67.7	17.8	66.8	17.6	64.6	16.9	60.1	15.6
		5.0	4.1	70.2	17.3	70.1	17.6	69.0	17.6	66.8	16.9	64.6	16.2	60.1	14.9
		7.0	6.0	72.5	17.5	72.4	17.8	69.0	16.9	66.8	16.3	64.6	15.6	60.1	14.4
		9.0	7.9	74.9	17.7	73.4	17.5	69.0	16.3	66.8	15.6	64.6	15.0	60.1	13.9
		11.0	9.8	77.2	17.9	73.4	16.9	69.0	15.7	66.8	15.1	64.6	14.5	60.1	13.4
		13.0	11.8	77.9	17.4	73.4	16.2	69.0	15.1	66.8	14.5	64.6	14.0	60.1	12.9
		15.0	13.7	77.9	16.8	73.4	15.7	69.0	14.6	66.8	14.1	64.6	13.5	60.1	12.5
90%	495	-19.8	-20.0	40.6	13.5	40.5	14.1	40.4	14.7	40.3	15.0	40.3	15.2	40.2	15.8
		-18.8	-19.0	41.8	13.9	41.7	14.4	41.6	14.9	41.5	15.2	41.5	15.5	41.4	16.0
		-16.7	-17.0	44.3	14.4	44.1	14.9	44.0	15.4	44.0	15.7	43.9	16.0	43.8	16.5
		-13.7	-15.0	46.7	14.9	46.6	15.4	46.5	15.9	46.4	16.1	46.4	16.4	46.3	16.9
		-11.8	-13.0	49.1	15.4	49.0	15.8	48.9	16.3	48.9	16.5	48.8	16.8	48.7	17.2
		-9.8	-11.0	51.6	15.8	51.5	16.2	51.4	16.6	51.3	16.9	51.3	17.1	51.1	17.5
		-9.5	-10.0	52.8	16.0	52.7	16.4	52.6	16.8	52.5	17.0	52.5	17.2	52.4	17.7
		-8.5	-9.1	53.9	16.1	53.8	16.5	53.7	17.0	53.6	17.2	53.6	17.4	53.5	17.8
		-7.0	-7.6	55.7	16.4	55.6	16.8	55.5	17.2	55.5	17.4	55.4	17.6	54.1	17.4
		-5.0	-5.6	58.2	16.7	58.1	17.1	58.0	17.5	57.9	17.7	57.8	17.9	54.1	16.5
		-3.0	-3.7	60.5	17.0	60.4	17.3	60.3	17.7	60.1	17.8	58.1	17.1	54.1	15.7
		0.0	-0.7	64.2	17.4	64.0	17.7	62.1	17.3	60.1	16.6	58.1	15.9	54.1	14.7
		3.0	2.2	67.7	17.7	66.1	17.4	62.1	16.2	60.1	15.5	58.1	14.9	54.1	13.8
		5.0	4.1	70.0	17.9	66.1	16.7	62.1	15.5	60.1	14.9	58.1	14.4	54.1	13.2
		7.0	6.0	70.1	17.2	66.1	16.1	62.1	14.9	60.1	14.4	58.1	13.8	54.1	12.8
		9.0	7.9	70.1	16.6	66.1	15.5	62.1	14.4	60.1	13.8	58.1	13.3	54.1	12.3
		11.0	9.8	70.1	16.0	66.1	14.9	62.1	13.9	60.1	13.4	58.1	12.9	54.1	11.9
		13.0	11.8	70.1	15.4	66.1	14.4	62.1	13.4	60.1	12.9	58.1	12.4	54.1	11.5
		15.0	13.7	70.1	14.9	66.1	13.9	62.1	12.9	60.1	12.5	58.1	12.0	54.1	11.1

3 Capacity tables

3 - 2 Heating capacity tables

22HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	440	-19.8	-20.0	40.4	14.6	40.3	15.2	40.2	15.7	40.1	15.9	40.1	16.2	40.0	16.7
		-18.8	-19.0	41.6	14.9	41.5	15.4	41.4	15.9	41.4	16.1	41.3	16.4	41.2	16.9
		-16.7	-17.0	44.0	15.4	43.9	15.9	43.8	16.3	43.8	16.6	43.8	16.8	43.7	17.3
		-13.7	-15.0	46.5	15.9	46.4	16.3	46.3	16.7	46.2	17.0	46.2	17.2	46.1	17.6
		-11.8	-13.0	48.9	16.3	48.8	16.7	48.7	17.1	48.7	17.3	48.6	17.5	48.1	17.7
		-9.8	-11.0	51.4	16.6	51.3	17.0	51.2	17.4	51.1	17.6	51.1	17.8	48.1	16.6
		-9.5	-10.0	52.6	16.8	52.5	17.2	52.4	17.6	52.3	17.7	51.7	17.6	48.1	16.2
		-8.5	-9.1	53.7	16.9	53.6	17.3	53.5	17.7	53.4	17.9	51.7	17.2	48.1	15.8
		-7.0	-7.6	55.5	17.2	55.4	17.5	55.2	17.8	53.4	17.1	51.7	16.5	48.1	15.1
		-5.0	-5.6	58.0	17.4	57.9	17.8	55.2	16.9	53.4	16.3	51.7	15.6	48.1	14.4
		-3.0	-3.7	60.3	17.7	58.7	17.4	55.2	16.1	53.4	15.5	51.7	14.9	48.1	13.7
		0.0	-0.7	62.3	17.3	58.7	16.2	55.2	15.0	53.4	14.5	51.7	13.9	48.1	12.8
		3.0	2.2	62.3	16.2	58.7	15.1	55.2	14.1	53.4	13.6	51.7	13.1	48.1	12.1
		5.0	4.1	62.3	15.6	58.7	14.5	55.2	13.5	53.4	13.0	51.7	12.6	48.1	11.6
		7.0	6.0	62.3	15.0	58.7	14.0	55.2	13.0	53.4	12.6	51.7	12.1	48.1	11.2
		9.0	7.9	62.3	14.4	58.7	13.5	55.2	12.6	53.4	12.1	51.7	11.7	48.1	10.8
		11.0	9.8	62.3	13.9	58.7	13.0	55.2	12.1	53.4	11.7	51.7	11.3	48.1	10.5
		13.0	11.8	62.3	13.4	58.7	12.6	55.2	11.7	53.4	11.3	51.7	10.9	48.1	10.1
		15.0	13.7	62.3	13.0	58.7	12.2	55.2	11.4	53.4	11.0	51.7	10.6	48.1	9.80
70%	385	-19.8	-20.0	40.2	15.8	40.1	16.2	40.0	16.6	40.0	16.9	39.9	17.1	39.8	17.5
		-18.8	-19.0	41.4	16.0	41.3	16.4	41.2	16.8	41.2	17.1	41.1	17.3	41.0	17.7
		-16.7	-17.0	43.8	16.4	43.7	16.8	43.7	17.2	43.6	17.4	43.6	17.6	42.1	17.1
		-13.7	-15.0	46.3	16.8	46.2	17.2	46.1	17.6	46.1	17.8	45.2	17.5	42.1	16.0
		-11.8	-13.0	48.7	17.2	48.6	17.5	48.3	17.8	46.7	17.1	45.2	16.4	42.1	15.1
		-9.8	-11.0	51.2	17.5	51.1	17.8	48.3	16.7	46.7	16.1	45.2	15.5	42.1	14.2
		-9.5	-10.0	52.4	17.6	51.4	17.5	48.3	16.2	46.7	15.6	45.2	15.0	42.1	13.8
		-8.5	-9.1	53.5	17.8	51.4	17.1	48.3	15.8	46.7	15.2	45.2	14.7	42.1	13.5
		-7.0	-7.6	54.5	17.6	51.4	16.4	48.3	15.2	46.7	14.6	45.2	14.1	42.1	13.0
		-5.0	-5.6	54.5	16.7	51.4	15.5	48.3	14.4	46.7	13.9	45.2	13.4	42.1	12.4
		-3.0	-3.7	54.5	15.9	51.4	14.8	48.3	13.8	46.7	13.3	45.2	12.8	42.1	11.8
		0.0	-0.7	54.5	14.8	51.4	13.8	48.3	12.9	46.7	12.4	45.2	12.0	42.1	11.1
		3.0	2.2	54.5	13.9	51.4	13.0	48.3	12.1	46.7	11.7	45.2	11.3	42.1	10.4
		5.0	4.1	54.5	13.3	51.4	12.5	48.3	11.7	46.7	11.3	45.2	10.8	42.1	10.1
		7.0	6.0	54.5	12.9	51.4	12.0	48.3	11.2	46.7	10.9	45.2	10.5	42.1	9.70
		9.0	7.9	54.5	12.4	51.4	11.6	48.3	10.9	46.7	10.5	45.2	10.1	42.1	9.38
		11.0	9.8	54.5	12.0	51.4	11.2	48.3	10.5	46.7	10.1	45.2	9.78	42.1	9.08
		13.0	11.8	54.5	11.6	51.4	10.8	48.3	10.1	46.7	9.80	45.2	9.46	42.1	8.79
		15.0	13.7	54.5	11.2	51.4	10.5	48.3	9.84	46.7	9.51	45.2	9.18	42.1	8.53
60%	330	-19.8	-20.0	40.0	16.9	39.9	17.2	39.8	17.6	39.8	17.8	38.7	17.3	36.1	15.9
		-18.8	-19.0	41.2	17.1	41.1	17.4	41.0	17.8	40.1	17.4	38.7	16.7	36.1	15.3
		-16.7	-17.0	43.6	17.4	43.5	17.8	41.4	16.8	40.1	16.2	38.7	15.5	36.1	14.3
		-13.7	-15.0	46.1	17.8	44.1	16.9	41.4	15.7	40.1	15.1	38.7	14.6	36.1	13.4
		-11.8	-13.0	46.7	17.1	44.1	15.9	41.4	14.8	40.1	14.2	38.7	13.7	36.1	12.6
		-9.8	-11.0	46.7	16.1	44.1	15.0	41.4	14.0	40.1	13.4	38.7	12.9	36.1	12.0
		-9.5	-10.0	46.7	15.6	44.1	14.6	41.4	13.6	40.1	13.1	38.7	12.6	36.1	11.6
		-8.5	-9.1	46.7	15.2	44.1	14.2	41.4	13.3	40.1	12.8	38.7	12.3	36.1	11.4
		-7.0	-7.6	46.7	14.6	44.1	13.7	41.4	12.7	40.1	12.3	38.7	11.8	36.1	10.9
		-5.0	-5.6	46.7	13.9	44.1	13.0	41.4	12.1	40.1	11.7	38.7	11.3	36.1	10.4
		-3.0	-3.7	46.7	13.3	44.1	12.4	41.4	11.6	40.1	11.2	38.7	10.8	36.1	10.0
		0.0	-0.7	46.7	12.4	44.1	11.6	41.4	10.9	40.1	10.5	38.7	10.1	36.1	9.39
		3.0	2.2	46.7	11.7	44.1	11.0	41.4	10.2	40.1	9.89	38.7	9.55	36.1	8.87
		5.0	4.1	46.7	11.2	44.1	10.6	41.4	9.88	40.1	9.54	38.7	9.21	36.1	8.56
		7.0	6.0	46.7	10.8	44.1	10.2	41.4	9.54	40.1	9.22	38.7	8.90	36.1	8.28
		9.0	7.9	46.7	10.5	44.1	9.84	41.4	9.22	40.1	8.92	38.7	8.61	36.1	8.02
		11.0	9.8	46.7	10.1	44.1	9.53	41.4	8.93	40.1	8.64	38.7	8.35	36.1	7.77
		13.0	11.8	46.7	9.80	44.1	9.22	41.4	8.64	40.1	8.36	38.7	8.08	36.1	7.54
		15.0	13.7	46.7	9.50	44.1	8.94	41.4	8.39	40.1	8.12	38.7	7.85	36.1	7.32
50%	275	-19.8	-20.0	38.9	17.4	36.7	16.2	34.5	15.1	33.4	14.5	32.3	14.0	30.1	12.9
		-18.8	-19.0	38.9	16.8	36.7	15.6	34.5	14.5	33.4	14.0	32.3	13.5	30.1	12.4
		-16.7	-17.0	38.9	15.6	36.7	14.6	34.5	13.6	33.4	13.1	32.3	12.6	30.1	11.6
		-13.7	-15.0	38.9	14.6	36.7	13.7	34.5	12.8	33.4	12.3	32.3	11.8	30.1	11.0
		-11.8	-13.0	38.9	13.8	36.7	12.9	34.5	12.0	33.4	11.6	32.3	11.2	30.1	10.4
		-9.8	-11.0	38.9	13.0	36.7	12.2	34.5	11.4	33.4	11.0	32.3	10.6	30.1	9.81
		-9.5	-10.0	38.9	12.7	36.7	11.9	34.5	11.1	33.4	10.7	32.3	10.3	30.1	9.57
		-8.5	-9.1	38.9	12.4	36.7	11.6	34.5	10.8	33.4	10.5	32.3	10.1	30.1	9.36
		-7.0	-7.6	38.9	11.9	36.7	11.2	34.5	10.4	33.4	10.1	32.3	9.72	30.1	9.03
		-5.0	-5.6	38.9	11.3	36.7	10.6	34.5	10.0	33.4	9.62	32.3	9.29	30.1	8.63
		-3.0	-3.7	38.9	10.9	36.7	10.2	34.5	9.54	33.4	9.22	32.3	8.91	30.1	8.29
		0.0	-0.7	38.9	10.2	36.7	9.56	34.5	8.96	33.4	8.67	32.3	8.38	30.1	7.80
		3.0	2.2	38.9	9.60	36.7	9.03	34.5	8.47	33.4	8.20	32.3	7.93	30.1	7.39
		5.0	4.1	38.9	9.26	36.7	8.72	34.5	8.19	33.4	7.92	32.3	7.66	30.1	7.15
		7.0	6.0	38.9	8.95	36.7	8.43	34.5	7.92	33.4	7.67	32.3	7.42	30.1	6.93
		9.0	7.9	38.9	8.66	36.7	8.16	34.5	7.67	33.4	7.43	32.3	7.19	30.1	6.72
		11.0	9.8	38.9	8.39	36.7	7.91	34.5	7.44	33.4	7.21	32.3	6.98	30.1	6.52
		13.0	11.8	38.9	8.12	36.7	7.67	34.5	7.21	33.4	6.99	32.3	6.77	30.1	6.33
		15.0	13.7	38.9	7.89	36.7	7.45	34.5	7.01	33.4	6.80	32.3	6.59	30.1	6.17

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3

3 Capacity tables

3 - 2 Heating capacity tables

24HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	780	-19.8	-20.0	43.9	9.63	43.7	10.6	43.5	11.6	43.4	12.1	43.3	12.6	43.2	13.6
		-18.8	-19.0	45.3	10.2	45.1	11.2	45.0	12.1	44.9	12.6	44.8	13.1	44.6	14.0
		-16.7	-17.0	48.2	11.3	48.0	12.2	47.8	13.1	47.7	13.5	47.6	14.0	47.5	14.9
		-13.7	-15.0	51.0	12.2	50.9	13.1	50.7	13.9	50.6	14.3	50.5	14.7	50.3	15.6
		-11.8	-13.0	53.9	13.1	53.7	13.9	53.6	14.6	53.5	15.0	53.4	15.4	53.2	16.2
		-9.8	-11.0	56.8	13.8	56.6	14.6	56.4	15.3	56.3	15.7	56.2	16.1	56.1	16.8
		-9.5	-10.0	58.2	14.2	58.0	14.9	57.9	15.6	57.8	16.0	57.7	16.3	57.5	17.1
		-8.5	-9.1	59.5	14.4	59.3	15.2	59.1	15.9	59.1	16.2	59.0	16.6	58.8	17.3
		-7.0	-7.6	61.6	14.9	61.5	15.6	61.3	16.3	61.2	16.6	61.1	17.0	60.9	17.7
		-5.0	-5.6	64.5	15.5	64.3	16.1	64.2	16.8	64.1	17.1	64.0	17.4	63.8	18.1
		-3.0	-3.7	67.2	16.0	67.1	16.6	66.9	17.2	66.8	17.5	66.7	17.9	66.5	18.5
		0.0	-0.7	71.5	16.7	71.4	17.3	71.2	17.8	71.1	18.1	71.0	18.4	70.8	19.0
		3.0	2.2	75.7	17.3	75.5	17.8	75.3	18.4	75.2	18.7	75.2	18.9	75.0	19.5
		5.0	4.1	78.4	17.6	78.2	18.2	78.1	18.7	78.0	19.0	77.9	19.2	77.7	19.8
		7.0	6.0	81.1	18.0	81.0	18.5	80.8	19.0	80.7	19.3	80.6	19.5	80.4	20.0
		9.0	7.9	83.8	18.3	83.7	18.8	83.5	19.3	83.4	19.5	83.3	19.8	83.1	20.3
		11.0	9.8	86.6	18.6	86.4	19.0	86.2	19.5	86.1	19.8	86.0	20.0	85.9	20.5
		13.0	11.8	89.4	18.8	89.3	19.3	89.1	19.8	89.0	20.0	88.9	20.2	86.7	20.0
		15.0	13.7	92.2	19.1	92.0	19.6	91.8	20.0	91.7	20.2	91.6	20.5	86.7	19.2
120%	720	-19.8	-20.0	43.6	11.0	43.5	11.9	43.3	12.8	43.2	13.2	43.2	13.7	43.0	14.6
		-18.8	-19.0	45.1	11.5	44.9	12.4	44.7	13.3	44.7	13.7	44.6	14.1	44.4	15.0
		-16.7	-17.0	47.9	12.5	47.8	13.3	47.6	14.1	47.5	14.6	47.4	15.0	47.3	15.8
		-13.7	-15.0	50.8	13.4	50.6	14.1	50.5	14.9	50.4	15.3	50.3	15.7	50.2	16.5
		-11.8	-13.0	53.7	14.1	53.5	14.9	53.3	15.6	53.3	16.0	53.2	16.3	53.0	17.1
		-9.8	-11.0	56.5	14.8	56.4	15.5	56.2	16.2	56.1	16.6	56.0	16.9	55.9	17.6
		-9.5	-10.0	58.0	15.1	57.8	15.8	57.6	16.5	57.6	16.8	57.5	17.2	57.3	17.8
		-8.5	-9.1	59.3	15.4	59.1	16.1	58.9	16.7	58.8	17.1	58.8	17.4	58.6	18.0
		-7.0	-7.6	61.4	15.8	61.2	16.5	61.1	17.1	61.0	17.4	60.9	17.7	60.8	18.4
		-5.0	-5.6	64.3	16.4	64.1	17.0	63.9	17.6	63.9	17.9	63.8	18.2	63.6	18.8
		-3.0	-3.7	67.0	16.8	66.8	17.4	66.7	18.0	66.6	18.3	66.5	18.6	66.3	19.1
		0.0	-0.7	71.3	17.5	71.1	18.0	71.0	18.6	70.9	18.8	70.8	19.1	70.6	19.6
		3.0	2.2	75.4	18.0	75.3	18.5	75.1	19.0	75.0	19.3	75.0	19.6	74.8	20.1
		5.0	4.1	78.2	18.3	78.0	18.8	77.8	19.3	77.8	19.6	77.7	19.8	77.5	20.3
		7.0	6.0	80.9	18.7	80.7	19.1	80.6	19.6	80.5	19.9	80.4	20.1	80.0	20.5
		9.0	7.9	83.6	18.9	83.5	19.4	83.3	19.9	83.2	20.1	83.1	20.3	80.0	19.6
		11.0	9.8	86.3	19.2	86.2	19.7	86.0	20.1	85.9	20.3	85.8	20.6	80.0	18.9
		13.0	11.8	89.2	19.5	89.0	19.9	88.9	20.3	88.8	20.6	85.9	19.8	80.0	18.2
		15.0	13.7	91.9	19.7	91.8	20.1	91.6	20.6	88.9	19.8	85.9	19.0	80.0	17.5
110%	660	-19.8	-20.0	43.4	12.3	43.3	13.1	43.1	14.0	43.0	14.4	43.0	14.8	42.8	15.6
		-18.8	-19.0	44.8	12.8	44.7	13.6	44.5	14.4	44.5	14.8	44.4	15.2	44.2	16.0
		-16.7	-17.0	47.7	13.7	47.5	14.5	47.4	15.2	47.3	15.6	47.3	16.0	47.1	16.7
		-13.7	-15.0	50.6	14.5	50.4	15.2	50.3	15.9	50.2	16.3	50.1	16.6	50.0	17.3
		-11.8	-13.0	53.4	15.2	53.3	15.9	53.1	16.5	53.1	16.9	53.0	17.2	52.8	17.9
		-9.8	-11.0	56.3	15.8	56.1	16.5	56.0	17.1	55.9	17.4	55.9	17.7	55.7	18.4
		-9.5	-10.0	57.7	16.1	57.6	16.7	57.4	17.4	57.4	17.7	57.3	18.0	57.1	18.6
		-8.5	-9.1	59.0	16.4	58.9	17.0	58.7	17.6	58.6	17.9	58.6	18.2	58.4	18.8
		-7.0	-7.6	61.2	16.8	61.0	17.4	60.9	17.9	60.8	18.2	60.7	18.5	60.6	19.1
		-5.0	-5.6	64.0	17.3	63.9	17.8	63.7	18.4	63.7	18.6	63.6	18.9	63.4	19.5
		-3.0	-3.7	66.8	17.7	66.6	18.2	66.5	18.7	66.4	19.0	66.3	19.3	66.2	19.8
		0.0	-0.7	71.1	18.3	70.9	18.8	70.8	19.3	70.7	19.5	70.6	19.8	70.5	20.3
		3.0	2.2	75.2	18.8	75.1	19.2	74.9	19.7	74.8	19.9	74.8	20.2	73.3	20.1
		5.0	4.1	77.9	19.1	77.8	19.5	77.6	20.0	77.6	20.2	77.5	20.4	73.3	19.2
		7.0	6.0	80.7	19.4	80.5	19.8	80.4	20.2	80.3	20.5	78.7	20.1	73.3	18.4
		9.0	7.9	83.4	19.6	83.2	20.0	83.1	20.5	81.4	20.1	78.7	19.3	73.3	17.7
		11.0	9.8	86.1	19.9	85.9	20.3	84.2	20.1	81.4	19.3	78.7	18.5	73.3	17.1
		13.0	11.8	89.0	20.1	88.8	20.5	84.2	19.3	81.4	18.5	78.7	17.8	73.3	16.4
		15.0	13.7	91.7	20.3	89.6	20.0	84.2	18.6	81.4	17.9	78.7	17.2	73.3	15.8
100%	600	-19.8	-20.0	43.2	13.6	43.0	14.4	42.9	15.1	42.8	15.5	42.8	15.9	42.6	16.7
		-18.8	-19.0	44.6	14.1	44.5	14.8	44.3	15.5	44.3	15.9	44.2	16.3	44.1	17.0
		-16.7	-17.0	47.5	14.9	47.3	15.6	47.2	16.3	47.1	16.6	47.1	17.0	46.9	17.7
		-13.7	-15.0	50.3	15.6	50.2	16.3	50.1	16.9	50.0	17.2	49.9	17.6	49.8	18.2
		-11.8	-13.0	53.2	16.3	53.1	16.9	52.9	17.5	52.9	17.8	52.8	18.1	52.7	18.7
		-9.8	-11.0	56.1	16.8	55.9	17.4	55.8	18.0	55.7	18.3	55.7	18.6	55.5	19.2
		-9.5	-10.0	57.5	17.1	57.4	17.7	57.2	18.2	57.2	18.5	57.1	18.8	57.0	19.4
		-8.5	-9.1	58.8	17.3	58.6	17.9	58.5	18.4	58.4	18.7	58.4	19.0	58.2	19.5
		-7.0	-7.6	60.9	17.7	60.8	18.2	60.7	18.8	60.6	19.0	60.5	19.3	60.4	19.8
		-5.0	-5.6	63.8	18.1	63.7	18.6	63.5	19.1	63.5	19.4	63.4	19.7	63.3	20.2
		-3.0	-3.7	66.5	18.5	66.4	19.0	66.2	19.5	66.2	19.7	66.1	20.0	66.0	20.5
		0.0	-0.7	70.8	19.1	70.7	19.5	70.5	20.0	70.5	20.2	70.4	20.4	66.7	19.2
		3.0	2.2	75.0	19.5	74.8	19.9	74.7	20.4	74.0	20.3	71.6	19.5	66.7	17.9
		5.0	4.1	77.7	19.8	77.6	20.2	76.5	20.2	74.0	19.5	71.6	18.7	66.7	17.2
		7.0	6.0	80.4	20.1	80.3	20.5	76.5	19.4	74.0	18.7	71.6	17.9	66.7	16.5
		9.0	7.9	83.1	20.3	81.4	20.1	76.5	18.6	74.0	17.9	71.6	17.2	66.7	15.9
		11.0	9.8	85.9	20.5	81.4	19.3	76.5	17.9	74.0	17.2	71.6	16.6	66.7	15.3
		13.0	11.8	86.3	19.9	81.4	18.5	76.5	17.2	74.0	16.6	71.6	16.0	66.7	14.7
		15.0	13.7	86.3	19.2	81.4	17.9	76.5	16.6	74.0	16.0	71.6	15.4	66.7	14.2
90%	540	-19.8	-20.0	42.9	15.0	42.8	15.6	42.7	16.3	42.6	16.7	42.6	17.0	42.4	17.7
		-18.8	-19.0	44.4	15.4	44.2	16.0	44.1	16.7	44.1	17.0	44.0	17.4	43.9	18.0
		-16.7	-17.0	47.2	16.1	47.1	16.7	47.0	17.3	46.9	17.7	46.9	18.0	46.7	18.6
		-13.7	-15.0	50.1	16.8	50.0	17.3	49.8	17.9	49.8	18.2	49.7	18.5	49.6	19.1
		-11.8	-13.0	53.0	17.3	52.8	17.9	52.7	18.4	52.7	18.7	52.6	19.0	52.5	19.5
		-9.8	-11.0	55.8	17.9	55.7	18.4	55.6	18.9	55.5	19.2	55.5	19.4	55.3	19.9
		-9.5	-10.0	57.3	18.1	57.1	18.6	57.0	19.1	57.0	19.4	56.9	19.6	56.8	20.1
		-8.5	-9.1	58.5	18.3	58.4	18.8	58.3	19.3	58.2	19.5	58.2	19.8	58.1	20.3
		-7.0	-7.6	60.7	18.6	60.6	19.1	60.5	19.6	60.4	19.8	60.3	20.1	60.0	20.4
		-5.0	-5.6	63.6	19.0	63.4	19.5	63.3	19.9	63.3	20.2	63.2	20.4	60.0	19.3
		-3.0	-3.7	66.3	19.4	66.2	19.8	66.0	20.2	66.0	20.5	64.4	19.9	60.0	18.3
		0.0	-0.7	70.6	19.9	70.5	20.3	68.9	20.0	66.6	19.2	64.4	18.5	60.0	17.0
		3.0	2.2	74.7	20.3	73.3	20.1	68.9	18.6	66.6	17.9	64.4	17.2	60.0	15.9
		5.0	4.1	77.5	20.5	73.3	19.2	68.9	17.9	66.6	17.2	64.4	16.5	60.0	15.2
		7.0	6.0	77.7	19.8	73.3	18.4	68.9	17.1	66.6	16.5	64.4	15.9	60.0	14.6
		9.0	7.9	77.7	19.0	73.3	17.7	68.9	16.5	66.6	15.9	64.4	15.3	60.0	14.1
		11.0	9.8	77.7	18.2	73.3	17.0	68.9	15.9	66.6	15.3	64.4	14.7	60.0	13.6
		13.0	11.8	77.7	17.5	73.3	16.4	68.9	15.3	66.6	14.7	64.4	14.2	60.0	13.1
		15.0	13.7	77.7	16.9	73.3	15.8	68.9	14.7	66.6	14.2	64.4	13.7	60.0	12.7

3 Capacity tables

3 - 2 Heating capacity tables

24HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	480	-19.8	-20.0	42.7	16.3	42.6	16.9	42.5	17.5	42.4	17.8	42.4	18.1	42.3	18.7
		-18.8	-19.0	44.1	16.7	44.0	17.2	43.9	17.8	43.9	18.1	43.8	18.4	43.7	19.0
		-16.7	-17.0	47.0	17.3	46.9	17.9	46.8	18.4	46.7	18.7	46.7	19.0	46.6	19.5
		-13.7	-15.0	49.9	17.9	49.7	18.4	49.6	18.9	49.6	19.2	49.5	19.4	49.4	20.0
		-11.8	-13.0	52.7	18.4	52.6	18.9	52.5	19.4	52.5	19.6	52.4	19.9	52.3	20.4
		-9.8	-11.0	55.6	18.9	55.5	19.3	55.4	19.8	55.3	20.0	55.3	20.3	53.3	19.7
		-9.5	-10.0	57.0	19.1	56.9	19.5	56.8	20.0	56.7	20.2	56.7	20.4	53.3	19.1
		-8.5	-9.1	58.3	19.3	58.2	19.7	58.1	20.2	58.0	20.4	57.3	20.2	53.3	18.5
		-7.0	-7.6	60.5	19.6	60.3	20.0	60.2	20.4	59.2	20.1	57.3	19.3	53.3	17.8
		-5.0	-5.6	63.3	19.9	63.2	20.3	61.2	19.8	59.2	19.0	57.3	18.3	53.3	16.8
		-3.0	-3.7	66.0	20.2	65.1	20.2	61.2	18.8	59.2	18.1	57.3	17.4	53.3	16.0
		0.0	-0.7	69.1	20.1	65.1	18.7	61.2	17.4	59.2	16.7	57.3	16.1	53.3	14.8
		3.0	2.2	69.1	18.7	65.1	17.5	61.2	16.2	59.2	15.6	57.3	15.1	53.3	13.9
		5.0	4.1	69.1	17.9	65.1	16.7	61.2	15.6	59.2	15.0	57.3	14.5	53.3	13.4
		7.0	6.0	69.1	17.2	65.1	16.1	61.2	15.0	59.2	14.4	57.3	13.9	53.3	12.8
		9.0	7.9	69.1	16.5	65.1	15.5	61.2	14.4	59.2	13.9	57.3	13.4	53.3	12.4
		11.0	9.8	69.1	15.9	65.1	14.9	61.2	13.9	59.2	13.4	57.3	12.9	53.3	12.0
		13.0	11.8	69.1	15.3	65.1	14.3	61.2	13.4	59.2	12.9	57.3	12.4	53.3	11.5
		15.0	13.7	69.1	14.8	65.1	13.9	61.2	12.9	59.2	12.5	57.3	12.0	53.3	11.2
70%	420	-19.8	-20.0	42.5	17.6	42.4	18.2	42.3	18.7	42.2	19.0	42.2	19.2	42.1	19.8
		-18.8	-19.0	43.9	17.9	43.8	18.5	43.7	19.0	43.7	19.2	43.6	19.5	43.5	20.0
		-16.7	-17.0	46.8	18.5	46.7	19.0	46.6	19.5	46.5	19.7	46.5	20.0	46.4	20.4
		-13.7	-15.0	49.6	19.0	49.5	19.5	49.4	19.9	49.4	20.2	49.3	20.4	46.7	19.2
		-11.8	-13.0	52.5	19.5	52.4	19.9	52.3	20.3	51.8	20.3	50.1	19.5	46.7	17.9
		-9.8	-11.0	55.3	19.9	55.3	20.3	53.6	19.8	51.8	19.0	50.1	18.3	46.7	16.8
		-9.5	-10.0	56.8	20.1	56.7	20.5	53.6	19.2	51.8	18.4	50.1	17.7	46.7	16.3
		-8.5	-9.1	58.1	20.2	57.0	20.1	53.6	18.6	51.8	17.9	50.1	17.2	46.7	15.9
		-7.0	-7.6	60.2	20.5	57.0	19.2	53.6	17.8	51.8	17.2	50.1	16.5	46.7	15.2
		-5.0	-5.6	60.4	19.5	57.0	18.1	53.6	16.9	51.8	16.2	50.1	15.6	46.7	14.4
		-3.0	-3.7	60.4	18.5	57.0	17.3	53.6	16.1	51.8	15.5	50.1	14.9	46.7	13.7
		0.0	-0.7	60.4	17.1	57.0	16.0	53.6	14.9	51.8	14.4	50.1	13.8	46.7	12.8
		3.0	2.2	60.4	16.0	57.0	15.0	53.6	14.0	51.8	13.5	50.1	13.0	46.7	12.0
		5.0	4.1	60.4	15.4	57.0	14.4	53.6	13.4	51.8	12.9	50.1	12.5	46.7	11.6
		7.0	6.0	60.4	14.8	57.0	13.8	53.6	12.9	51.8	12.5	50.1	12.0	46.7	11.1
		9.0	7.9	60.4	14.2	57.0	13.3	53.6	12.4	51.8	12.0	50.1	11.6	46.7	10.7
		11.0	9.8	60.4	13.7	57.0	12.8	53.6	12.0	51.8	11.6	50.1	11.2	46.7	10.4
		13.0	11.8	60.4	13.2	57.0	12.4	53.6	11.6	51.8	11.2	50.1	10.8	46.7	10.0
		15.0	13.7	60.4	12.8	57.0	12.0	53.6	11.2	51.8	10.8	50.1	10.5	46.7	9.73
60%	360	-19.8	-20.0	42.2	19.0	42.1	19.4	42.1	19.9	42.0	20.1	42.0	20.3	40.0	19.3
		-18.8	-19.0	43.7	19.2	43.6	19.7	43.5	20.1	43.4	20.3	43.0	20.2	40.0	18.6
		-16.7	-17.0	46.5	19.7	46.4	20.1	45.9	20.2	44.4	19.5	43.0	18.7	40.0	17.2
		-13.7	-15.0	49.4	20.2	48.8	20.3	45.9	18.8	44.4	18.1	43.0	17.4	40.0	16.0
		-11.8	-13.0	51.8	20.3	48.8	18.9	45.9	17.6	44.4	16.9	43.0	16.3	40.0	15.0
		-9.8	-11.0	51.8	19.0	48.8	17.7	45.9	16.5	44.4	15.9	43.0	15.3	40.0	14.1
		-9.5	-10.0	51.8	18.4	48.8	17.2	45.9	16.0	44.4	15.4	43.0	14.8	40.0	13.7
		-8.5	-9.1	51.8	17.9	48.8	16.7	45.9	15.6	44.4	15.0	43.0	14.5	40.0	13.4
		-7.0	-7.6	51.8	17.2	48.8	16.0	45.9	14.9	44.4	14.4	43.0	13.9	40.0	12.8
		-5.0	-5.6	51.8	16.2	48.8	15.2	45.9	14.2	44.4	13.7	43.0	13.2	40.0	12.2
		-3.0	-3.7	51.8	15.5	48.8	14.5	45.9	13.5	44.4	13.0	43.0	12.6	40.0	11.6
		0.0	-0.7	51.8	14.4	48.8	13.5	45.9	12.6	44.4	12.1	43.0	11.7	40.0	10.9
		3.0	2.2	51.8	13.5	48.8	12.6	45.9	11.8	44.4	11.4	43.0	11.0	40.0	10.2
		5.0	4.1	51.8	12.9	48.8	12.1	45.9	11.4	44.4	11.0	43.0	10.6	40.0	9.85
		7.0	6.0	51.8	12.4	48.8	11.7	45.9	10.9	44.4	10.6	43.0	10.2	40.0	9.51
		9.0	7.9	51.8	12.0	48.8	11.3	45.9	10.6	44.4	10.2	43.0	9.87	40.0	9.19
		11.0	9.8	51.8	11.6	48.8	10.9	45.9	10.2	44.4	9.88	43.0	9.55	40.0	8.89
		13.0	11.8	51.8	11.2	48.8	10.5	45.9	9.87	44.4	9.55	43.0	9.23	40.0	8.60
		15.0	13.7	51.8	10.8	48.8	10.2	45.9	9.57	44.4	9.26	43.0	8.95	40.0	8.35
50%	300	-19.8	-20.0	42.0	20.3	40.7	19.8	38.3	18.34	37.0	17.7	35.8	17.0	33.3	15.6
		-18.8	-19.0	43.2	20.3	40.7	19.0	38.3	17.6	37.0	17.0	35.8	16.3	33.3	15.0
		-16.7	-17.0	43.2	18.8	40.7	17.5	38.3	16.3	37.0	15.7	35.8	15.1	33.3	14.0
		-13.7	-15.0	43.2	17.5	40.7	16.3	38.3	15.2	37.0	14.7	35.8	14.1	33.3	13.1
		-11.8	-13.0	43.2	16.4	40.7	15.3	38.3	14.3	37.0	13.8	35.8	13.2	33.3	12.3
		-9.8	-11.0	43.2	15.4	40.7	14.4	38.3	13.4	37.0	12.9	35.8	12.5	33.3	11.6
		-9.5	-10.0	43.2	14.9	40.7	14.0	38.3	13.0	37.0	12.6	35.8	12.1	33.3	11.2
		-8.5	-9.1	43.2	14.5	40.7	13.6	38.3	12.7	37.0	12.3	35.8	11.8	33.3	11.0
		-7.0	-7.6	43.2	13.9	40.7	13.1	38.3	12.2	37.0	11.8	35.8	11.4	33.3	10.6
		-5.0	-5.6	43.2	13.2	40.7	12.4	38.3	11.6	37.0	11.2	35.8	10.8	33.3	10.1
		-3.0	-3.7	43.2	12.6	40.7	11.8	38.3	11.1	37.0	10.7	35.8	10.4	33.3	9.63
		0.0	-0.7	43.2	11.8	40.7	11.1	38.3	10.4	37.0	10.0	35.8	9.69	33.3	9.03
		3.0	2.2	43.2	11.1	40.7	10.4	38.3	9.77	37.0	9.45	35.8	9.14	33.3	8.52
		5.0	4.1	43.2	10.7	40.7	10.0	38.3	9.42	37.0	9.11	35.8	8.81	33.3	8.22
		7.0	6.0	43.2	10.3	40.7	9.68	38.3	9.09	37.0	8.80	35.8	8.51	33.3	7.95
		9.0	7.9	43.2	9.92	40.7	9.35	38.3	8.79	37.0	8.51	35.8	8.24	33.3	7.70
		11.0	9.8	43.2	9.59	40.7	9.05	38.3	8.51	37.0	8.25	35.8	7.98	33.3	7.46
		13.0	11.8	43.2	9.28	40.7	8.75	38.3	8.24	37.0	7.98	35.8	7.73	33.3	7.24
		15.0	13.7	43.2	9.00	40.7	8.49	38.3	8.00	37.0	7.75	35.8	7.51	33.3	7.03

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

26HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	845	-19.8	-20.0	45.4	9.36	45.2	10.4	45.0	11.5	44.9	12.0	44.8	12.6	44.6	13.6
		-18.8	-19.0	46.9	10.0	46.7	11.0	46.5	12.1	46.4	12.6	46.3	13.1	46.1	14.1
		-16.7	-17.0	49.8	11.2	49.6	12.1	49.5	13.1	49.4	13.6	49.3	14.0	49.1	15.0
		-13.7	-15.0	52.8	12.2	52.6	13.1	52.4	14.0	52.3	14.4	52.2	14.9	52.1	15.8
		-11.8	-13.0	55.8	13.1	55.6	13.9	55.4	14.8	55.3	15.2	55.2	15.6	55.0	16.5
		-9.8	-11.0	58.7	13.9	58.6	14.7	58.4	15.5	58.3	15.9	58.2	16.3	58.0	17.1
		-9.5	-10.0	60.2	14.3	60.0	15.0	59.9	15.8	59.8	16.2	59.7	16.6	59.5	17.4
		-8.5	-9.1	61.6	14.6	61.4	15.3	61.2	16.1	61.1	16.5	61.0	16.9	60.8	17.7
		-7.0	-7.6	63.8	15.1	63.6	15.8	63.4	16.6	63.3	16.9	63.2	17.3	63.1	18.0
		-5.0	-5.6	66.8	15.7	66.6	16.4	66.4	17.1	66.3	17.5	66.2	17.8	66.0	18.5
		-3.0	-3.7	69.6	16.2	69.4	16.9	69.2	17.6	69.1	17.9	69.0	18.3	68.8	18.9
		0.0	-0.7	74.0	17.0	73.9	17.6	73.7	18.2	73.6	18.6	73.5	18.9	73.3	19.5
		3.0	2.2	78.4	17.6	78.2	18.2	78.0	18.8	77.9	19.1	77.8	19.4	77.6	20.0
		5.0	4.1	81.2	18.0	81.0	18.6	80.8	19.2	80.7	19.5	80.6	19.7	80.4	20.3
		7.0	6.0	84.0	18.4	83.8	18.9	83.6	19.5	83.5	19.8	83.4	20.0	83.3	20.6
		9.0	7.9	86.8	18.7	86.6	19.2	86.5	19.8	86.4	20.0	86.3	20.3	86.1	20.9
		11.0	9.8	89.6	19.0	89.5	19.5	89.3	20.1	89.2	20.3	89.1	20.6	88.9	21.1
		13.0	11.8	92.6	19.3	92.4	19.8	92.2	20.3	92.2	20.6	92.1	20.8	91.9	21.3
		15.0	13.7	95.4	19.6	95.3	20.1	95.1	20.6	95.0	20.8	94.9	21.1	92.3	20.7
120%	780	-19.8	-20.0	45.1	10.8	45.0	11.8	44.8	12.8	44.7	13.3	44.6	13.7	44.4	14.7
		-18.8	-19.0	46.6	11.4	46.4	12.3	46.3	13.3	46.2	13.8	46.1	14.2	45.9	15.2
		-16.7	-17.0	49.6	12.5	49.4	13.3	49.2	14.2	49.2	14.7	49.1	15.1	48.9	16.0
		-13.7	-15.0	52.6	13.4	52.4	14.2	52.2	15.1	52.1	15.5	52.0	15.9	51.9	16.7
		-11.8	-13.0	55.5	14.2	55.4	15.0	55.2	15.8	55.1	16.2	55.0	16.6	54.8	17.4
		-9.8	-11.0	58.5	15.0	58.3	15.7	58.2	16.5	58.1	16.8	58.0	17.2	57.8	18.0
		-9.5	-10.0	60.0	15.3	59.8	16.0	59.6	16.8	59.6	17.1	59.5	17.5	59.3	18.2
		-8.5	-9.1	61.3	15.6	61.1	16.3	61.0	17.0	60.9	17.4	60.8	17.7	60.6	18.5
		-7.0	-7.6	63.5	16.1	63.4	16.8	63.2	17.4	63.1	17.8	63.0	18.1	62.9	18.8
		-5.0	-5.6	66.5	16.6	66.3	17.3	66.2	17.9	66.1	18.3	66.0	18.6	65.8	19.3
		-3.0	-3.7	69.3	17.1	69.2	17.8	69.0	18.4	68.9	18.7	68.8	19.0	68.7	19.6
		0.0	-0.7	73.8	17.8	73.6	18.4	73.5	19.0	73.4	19.3	73.3	19.6	73.1	20.2
		3.0	2.2	78.1	18.4	77.9	19.0	77.8	19.5	77.7	19.8	77.6	20.1	77.4	20.6
		5.0	4.1	80.9	18.8	80.8	19.3	80.6	19.9	80.5	20.1	80.4	20.4	80.2	20.9
		7.0	6.0	83.7	19.1	83.6	19.6	83.4	20.1	83.3	20.4	83.2	20.7	83.1	21.2
		9.0	7.9	86.6	19.4	86.4	19.9	86.2	20.4	86.1	20.7	86.1	20.9	85.2	21.2
		11.0	9.8	89.4	19.7	89.2	20.2	89.0	20.7	89.0	20.9	88.9	21.2	85.2	20.3
		13.0	11.8	92.4	20.0	92.2	20.5	92.0	20.9	91.9	21.2	91.5	21.3	85.2	19.6
		15.0	13.7	95.2	20.3	95.0	20.7	94.8	21.2	94.7	21.4	91.5	20.5	85.2	18.9
110%	715	-19.8	-20.0	44.9	12.2	44.7	13.1	44.6	14.0	44.5	14.5	44.4	14.9	44.2	15.8
		-18.8	-19.0	46.4	12.8	46.2	13.6	46.0	14.5	46.0	15.0	45.9	15.4	45.7	16.3
		-16.7	-17.0	49.3	13.8	49.2	14.6	49.0	15.4	48.9	15.8	48.9	16.2	48.7	17.0
		-13.7	-15.0	52.3	14.6	52.1	15.4	52.0	16.2	51.9	16.5	51.8	16.9	51.7	17.7
		-11.8	-13.0	55.3	15.4	55.1	16.1	55.0	16.8	54.9	17.2	54.8	17.6	54.6	18.3
		-9.8	-11.0	58.2	16.1	58.1	16.8	57.9	17.4	57.9	17.8	57.8	18.1	57.6	18.8
		-9.5	-10.0	59.7	16.4	59.6	17.1	59.4	17.7	59.3	18.1	59.3	18.4	59.1	19.1
		-8.5	-9.1	61.1	16.7	60.9	17.3	60.8	18.0	60.7	18.3	60.6	18.6	60.4	19.3
		-7.0	-7.6	63.3	17.1	63.1	17.7	63.0	18.3	62.9	18.6	62.8	19.0	62.7	19.6
		-5.0	-5.6	66.3	17.6	66.1	18.2	66.0	18.8	65.9	19.1	65.8	19.4	65.6	20.0
		-3.0	-3.7	69.1	18.1	68.9	18.6	68.8	19.2	68.7	19.5	68.6	19.8	68.5	20.3
		0.0	-0.7	73.5	18.7	73.4	19.2	73.2	19.8	73.2	20.0	73.1	20.3	72.9	20.8
		3.0	2.2	77.9	19.2	77.7	19.7	77.5	20.3	77.5	20.5	77.4	20.8	77.2	21.3
		5.0	4.1	80.7	19.6	80.5	20.1	80.4	20.5	80.3	20.8	80.2	21.0	78.1	20.7
		7.0	6.0	83.5	19.9	83.3	20.3	83.2	20.8	83.1	21.1	83.0	21.3	78.1	19.9
		9.0	7.9	86.3	20.2	86.2	20.6	86.0	21.1	85.9	21.3	83.9	20.8	78.1	19.1
		11.0	9.8	89.1	20.4	89.0	20.9	88.8	21.3	86.8	20.8	83.9	20.0	78.1	18.4
		13.0	11.8	92.1	20.7	92.0	21.1	89.7	20.8	86.8	20.0	83.9	19.2	78.1	17.7
		15.0	13.7	94.9	20.9	94.8	21.3	89.7	20.0	86.8	19.3	83.9	18.5	78.1	17.1
100%	650	-19.8	-20.0	44.6	13.7	44.5	14.5	44.3	15.3	44.3	15.7	44.2	16.1	44.1	17.0
		-18.8	-19.0	46.1	14.2	46.0	15.0	45.8	15.7	45.8	16.1	45.7	16.5	45.5	17.3
		-16.7	-17.0	49.1	15.1	48.9	15.8	48.8	16.5	48.7	16.9	48.6	17.3	48.5	18.0
		-13.7	-15.0	52.1	15.8	51.9	16.5	51.8	17.2	51.7	17.6	51.6	17.9	51.5	18.6
		-11.8	-13.0	55.0	16.5	54.9	17.2	54.7	17.9	54.7	18.2	54.6	18.5	54.4	19.2
		-9.8	-11.0	58.0	17.2	57.8	17.8	57.7	18.4	57.6	18.7	57.6	19.0	57.4	19.7
		-9.5	-10.0	59.5	17.4	59.3	18.1	59.2	18.7	59.1	19.0	59.0	19.3	58.9	19.9
		-8.5	-9.1	60.8	17.7	60.7	18.3	60.5	18.9	60.5	19.2	60.4	19.5	60.2	20.1
		-7.0	-7.6	63.0	18.1	62.9	18.7	62.8	19.2	62.7	19.5	62.6	19.8	62.5	20.4
		-5.0	-5.6	66.0	18.6	65.9	19.1	65.7	19.6	65.7	19.9	65.6	20.2	65.4	20.7
		-3.0	-3.7	68.8	19.0	68.7	19.5	68.5	20.0	68.5	20.3	68.4	20.5	68.3	21.1
		0.0	-0.7	73.3	19.6	73.1	20.0	73.0	20.5	72.9	20.8	72.9	21.0	71.0	20.7
		3.0	2.2	77.6	20.0	77.5	20.5	77.3	21.0	77.2	21.2	76.3	21.0	71.0	19.3
		5.0	4.1	80.4	20.3	80.3	20.8	80.1	21.2	78.9	21.0	76.3	20.1	71.0	18.5
		7.0	6.0	83.2	20.6	83.1	21.1	81.5	20.9	78.9	20.1	76.3	19.3	71.0	17.8
		9.0	7.9	86.1	20.9	85.9	21.3	81.5	20.1	78.9	19.3	76.3	18.6	71.0	17.1
		11.0	9.8	88.9	21.1	86.7	20.8	81.5	19.3	78.9	18.6	76.3	17.9	71.0	16.5
		13.0	11.8	91.9	21.4	86.7	20.0	81.5	18.6	78.9	17.9	76.3	17.2	71.0	15.9
		15.0	13.7	92.0	20.6	86.7	19.2	81.5	17.9	78.9	17.2	76.3	16.6	71.0	15.3
90%	585	-19.8	-20.0	44.4	15.1	44.2	15.9	44.1	16.6	44.0	17.0	44.0	17.3	43.9	18.1
		-18.8	-19.0	45.9	15.6	45.7	16.3	45.6	17.0	45.5	17.3	45.5	17.7	45.3	18.4
		-16.7	-17.0	48.8	16.4	48.7	17.0	48.6	17.7	48.5	18.0	48.4	18.4	48.3	19.0
		-13.7	-15.0	51.8	17.1	51.7	17.7	51.5	18.3	51.5	18.6	51.4	18.9	51.3	19.6
		-11.8	-13.0	54.8	17.7	54.6	18.3	54.5	18.9	54.4	19.2	54.4	19.5	54.3	20.1
		-9.8	-11.0	57.7	18.3	57.6	18.8	57.5	19.4	57.4	19.7	57.4	19.9	57.2	20.5
		-9.5	-10.0	59.2	18.5	59.1	19.1	59.0	19.6	58.9	19.9	58.8	20.2	58.7	20.7
		-8.5	-9.1	60.6	18.7	60.4	19.3	60.3	19.8	60.2	20.1	60.2	20.3	60.0	20.9
		-7.0	-7.6	62.8	19.1	62.7	19.6	62.5	20.1	62.5	20.4	62.4	20.6	62.3	21.1
		-5.0	-5.6	65.8	19.5	65.6	20.0	65.5	20.5	65.4	20.7	65.4	21.0	63.9	20.8
		-3.0	-3.7	68.6	19.9	68.5	20.4	68.3	20.8	68.3	21.1	68.2	21.3	63.9	19.8
		0.0	-0.7	73.0	20.4	72.9	20.8	72.8	21.3	71.0	20.7	68.6	19.9	63.9	18.3
		3.0	2.2	77.3	20.9	77.2	21.3	73.4	20.1	71.0	19.3	68.6	18.6	63.9	17.1
		5.0	4.1	80.2	21.1	78.1	20.7	73.4	19.2	71.0	18.5	68.6	17.8	63.9	16.4
		7.0	6.0	82.8	21.3	78.1	19.9	73.4	18.5	71.0	17.8	68.6	17.1	63.9	15.8
		9.0	7.9	82.8	20.4	78.1	19.1	73.4	17.7	71.0	17.1	68.6	16.4	63.9	15.2
		11.0	9.8	82.8	19.7	78.1	18.4	73.4	17.1	71.0	16.5	68.6	15.8	63.9	14.6
		13.0	11.8	82.8	18.9	78.1	17.7	73.4	16.4	71.0	15.8	68.6	15.3	63.9	14.1
		15.0	13.7	82.8	18.2	78.1	17.0	73.4	15.9	71.0	15.3	68.6	14.7	63.9	13.6

3

3 Capacity tables

3 - 2 Heating capacity tables

26HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	520	-19.8	-20.0	44.1	16.6	44.0	17.2	43.9	17.9	43.8	18.2	43.8	18.5	43.7	19.2
		-18.8	-19.0	45.6	16.9	45.5	17.6	45.4	18.2	45.3	18.5	45.3	18.8	45.1	19.5
		-16.7	-17.0	48.6	17.7	48.5	18.3	48.3	18.8	48.3	19.1	48.2	19.4	48.1	20.0
		-13.7	-15.0	51.5	18.3	51.4	18.8	51.3	19.4	51.3	19.7	51.2	20.0	51.1	20.5
		-11.8	-13.0	54.5	18.8	54.4	19.4	54.3	19.9	54.2	20.2	54.2	20.4	54.1	21.0
		-9.8	-11.0	57.5	19.3	57.4	19.8	57.3	20.3	57.2	20.6	57.1	20.8	56.8	21.2
		-9.5	-10.0	59.0	19.6	58.9	20.1	58.7	20.5	58.7	20.8	58.6	21.0	56.8	20.6
		-8.5	-9.1	60.3	19.8	60.2	20.3	60.1	20.7	60.0	21.0	60.0	21.2	56.8	20.0
		-7.0	-7.6	62.5	20.1	62.4	20.5	62.3	21.0	62.3	21.2	61.0	20.8	56.8	19.1
		-5.0	-5.6	65.5	20.5	65.4	20.9	65.2	21.3	63.1	20.5	61.0	19.7	56.8	18.1
		-3.0	-3.7	68.3	20.8	68.2	21.2	65.2	20.2	63.1	19.5	61.0	18.7	56.8	17.2
		0.0	-0.7	72.8	21.3	69.4	20.2	65.2	18.7	63.1	18.0	61.0	17.4	56.8	16.0
		3.0	2.2	73.6	20.2	69.4	18.8	65.2	17.5	63.1	16.9	61.0	16.2	56.8	15.0
		5.0	4.1	73.6	19.3	69.4	18.0	65.2	16.8	63.1	16.2	61.0	15.6	56.8	14.4
		7.0	6.0	73.6	18.5	69.4	17.3	65.2	16.1	63.1	15.5	61.0	15.0	56.8	13.8
		9.0	7.9	73.6	17.8	69.4	16.6	65.2	15.5	63.1	15.0	61.0	14.4	56.8	13.3
		11.0	9.8	73.6	17.1	69.4	16.0	65.2	15.0	63.1	14.4	61.0	13.9	56.8	12.9
		13.0	11.8	73.6	16.5	69.4	15.4	65.2	14.4	63.1	13.9	61.0	13.4	56.8	12.4
		15.0	13.7	73.6	15.9	69.4	14.9	65.2	13.9	63.1	13.4	61.0	13.0	56.8	12.0
70%	455	-19.8	-20.0	43.9	18.0	43.8	18.6	43.7	19.1	43.6	19.4	43.6	19.7	43.5	20.3
		-18.8	-19.0	45.4	18.3	45.3	18.9	45.2	19.4	45.1	19.7	45.1	20.0	45.0	20.6
		-16.7	-17.0	48.3	19.0	48.2	19.5	48.1	20.0	48.1	20.3	48.0	20.5	47.9	21.0
		-13.7	-15.0	51.3	19.5	51.2	20.0	51.1	20.5	51.0	20.7	51.0	21.0	49.7	20.7
		-11.8	-13.0	54.3	20.0	54.2	20.5	54.1	20.9	54.0	21.2	53.4	21.0	49.7	19.3
		-9.8	-11.0	57.2	20.4	57.1	20.9	57.0	21.3	55.2	20.5	53.4	19.7	49.7	18.1
		-9.5	-10.0	58.7	20.6	58.6	21.1	57.1	20.7	55.2	19.9	53.4	19.1	49.7	17.6
		-8.5	-9.1	60.1	20.8	60.0	21.2	57.1	20.1	55.2	19.3	53.4	18.6	49.7	17.1
		-7.0	-7.6	62.3	21.1	60.7	20.7	57.1	19.2	55.2	18.5	53.4	17.8	49.7	16.4
		-5.0	-5.6	64.4	21.0	60.7	19.6	57.1	18.2	55.2	17.5	53.4	16.9	49.7	15.6
		-3.0	-3.7	64.4	19.9	60.7	18.6	57.1	17.3	55.2	16.7	53.4	16.0	49.7	14.8
		0.0	-0.7	64.4	18.5	60.7	17.3	57.1	16.1	55.2	15.5	53.4	14.9	49.7	13.8
		3.0	2.2	64.4	17.3	60.7	16.1	57.1	15.1	55.2	14.5	53.4	14.0	49.7	13.0
		5.0	4.1	64.4	16.5	60.7	15.5	57.1	14.5	55.2	13.9	53.4	13.4	49.7	12.5
		7.0	6.0	64.4	15.9	60.7	14.9	57.1	13.9	55.2	13.4	53.4	12.9	49.7	12.0
		9.0	7.9	64.4	15.3	60.7	14.3	57.1	13.4	55.2	12.9	53.4	12.5	49.7	11.6
		11.0	9.8	64.4	14.7	60.7	13.8	57.1	12.9	55.2	12.5	53.4	12.1	49.7	11.2
		13.0	11.8	64.4	14.2	60.7	13.3	57.1	12.5	55.2	12.1	53.4	11.6	49.7	10.8
		15.0	13.7	64.4	13.7	60.7	12.9	57.1	12.1	55.2	11.7	53.4	11.3	49.7	10.5
60%	390	-19.8	-20.0	43.6	19.4	43.5	19.9	43.4	20.4	43.4	20.7	43.4	20.9	42.6	20.9
		-18.8	-19.0	45.1	19.7	45.0	20.2	44.9	20.7	44.9	20.9	44.8	21.2	42.6	20.1
		-16.7	-17.0	48.1	20.3	48.0	20.7	47.9	21.2	47.3	21.0	45.8	20.2	42.6	18.6
		-13.7	-15.0	51.0	20.7	51.0	21.2	48.9	20.3	47.3	19.5	45.8	18.8	42.6	17.3
		-11.8	-13.0	54.0	21.2	52.0	20.4	48.9	19.0	47.3	18.2	45.8	17.5	42.6	16.2
		-9.8	-11.0	55.2	20.5	52.0	19.1	48.9	17.8	47.3	17.1	45.8	16.5	42.6	15.2
		-9.5	-10.0	55.2	19.9	52.0	18.5	48.9	17.3	47.3	16.6	45.8	16.0	42.6	14.8
		-8.5	-9.1	55.2	19.3	52.0	18.0	48.9	16.8	47.3	16.2	45.8	15.6	42.6	14.4
		-7.0	-7.6	55.2	18.5	52.0	17.3	48.9	16.1	47.3	15.5	45.8	15.0	42.6	13.8
		-5.0	-5.6	55.2	17.5	52.0	16.4	48.9	15.3	47.3	14.7	45.8	14.2	42.6	13.1
		-3.0	-3.7	55.2	16.7	52.0	15.6	48.9	14.5	47.3	14.0	45.8	13.5	42.6	12.5
		0.0	-0.7	55.2	15.5	52.0	14.5	48.9	13.6	47.3	13.1	45.8	12.6	42.6	11.7
		3.0	2.2	55.2	14.5	52.0	13.6	48.9	12.7	47.3	12.3	45.8	11.9	42.6	11.0
		5.0	4.1	55.2	13.9	52.0	13.1	48.9	12.2	47.3	11.8	45.8	11.4	42.6	10.6
		7.0	6.0	55.2	13.4	52.0	12.6	48.9	11.8	47.3	11.4	45.8	11.0	42.6	10.2
		9.0	7.9	55.2	12.9	52.0	12.1	48.9	11.4	47.3	11.0	45.8	10.6	42.6	9.90
		11.0	9.8	55.2	12.5	52.0	11.7	48.9	11.0	47.3	10.6	45.8	10.3	42.6	9.58
		13.0	11.8	55.2	12.0	52.0	11.3	48.9	10.6	47.3	10.3	45.8	9.94	42.6	9.27
		15.0	13.7	55.2	11.7	52.0	11.0	48.9	10.3	47.3	10.0	45.8	9.64	42.6	8.99
50%	325	-19.8	-20.0	43.4	20.9	43.3	21.3	40.8	19.8	39.4	19.1	38.1	18.3	35.5	16.9
		-18.8	-19.0	44.9	21.1	43.4	20.5	40.8	19.0	39.4	18.3	38.1	17.6	35.5	16.2
		-16.7	-17.0	46.0	20.3	43.4	18.9	40.8	17.6	39.4	17.0	38.1	16.3	35.5	15.1
		-13.7	-15.0	46.0	18.9	43.4	17.6	40.8	16.4	39.4	15.8	38.1	15.2	35.5	14.1
		-11.8	-13.0	46.0	17.6	43.4	16.5	40.8	15.4	39.4	14.8	38.1	14.3	35.5	13.2
		-9.8	-11.0	46.0	16.6	43.4	15.5	40.8	14.5	39.4	14.0	38.1	13.5	35.5	12.5
		-9.5	-10.0	46.0	16.1	43.4	15.1	40.8	14.1	39.4	13.6	38.1	13.1	35.5	12.1
		-8.5	-9.1	46.0	15.7	43.4	14.7	40.8	13.7	39.4	13.2	38.1	12.8	35.5	11.8
		-7.0	-7.6	46.0	15.0	43.4	14.1	40.8	13.2	39.4	12.7	38.1	12.3	35.5	11.4
		-5.0	-5.6	46.0	14.3	43.4	13.4	40.8	12.5	39.4	12.1	38.1	11.7	35.5	10.8
		-3.0	-3.7	46.0	13.6	43.4	12.8	40.8	12.0	39.4	11.6	38.1	11.2	35.5	10.4
		0.0	-0.7	46.0	12.7	43.4	11.9	40.8	11.2	39.4	10.8	38.1	10.4	35.5	9.73
		3.0	2.2	46.0	11.9	43.4	11.2	40.8	10.5	39.4	10.2	38.1	9.85	35.5	9.18
		5.0	4.1	46.0	11.5	43.4	10.8	40.8	10.1	39.4	9.82	38.1	9.50	35.5	8.86
		7.0	6.0	46.0	11.1	43.4	10.4	40.8	9.79	39.4	9.48	38.1	9.17	35.5	8.57
		9.0	7.9	46.0	10.7	43.4	10.1	40.8	9.47	39.4	9.17	38.1	8.87	35.5	8.29
		11.0	9.8	46.0	10.3	43.4	9.75	40.8	9.17	39.4	8.88	38.1	8.60	35.5	8.04
		13.0	11.8	46.0	10.0	43.4	9.43	40.8	8.87	39.4	8.60	38.1	8.33	35.5	7.79
		15.0	13.7	46.0	9.69	43.4	9.15	40.8	8.61	39.4	8.35	38.1	8.09	35.5	7.58

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

28HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	910	-19.8	-20.0	49.0	10.2	48.8	11.3	48.6	12.5	48.5	13.1	48.4	13.6	48.2	14.8
		-18.8	-19.0	50.6	10.9	50.4	12.0	50.2	13.1	50.1	13.6	50.0	14.2	49.8	15.3
		-16.7	-17.0	53.8	12.1	53.6	13.1	53.4	14.2	53.3	14.7	53.2	15.2	53.0	16.2
		-13.7	-15.0	57.0	13.2	56.8	14.2	56.6	15.1	56.5	15.6	56.4	16.1	56.2	17.1
		-11.8	-13.0	60.2	14.2	60.0	15.1	59.8	16.0	59.7	16.4	59.6	16.9	59.4	17.8
		-9.8	-11.0	63.4	15.0	63.2	15.9	63.0	16.7	62.9	17.2	62.8	17.6	62.6	18.5
		-9.5	-10.0	65.0	15.4	64.8	16.3	64.6	17.1	64.5	17.5	64.4	17.9	64.2	18.8
		-8.5	-9.1	66.4	15.8	66.2	16.6	66.0	17.4	65.9	17.8	65.8	18.2	65.6	19.1
		-7.0	-7.6	68.8	16.3	68.6	17.1	68.4	17.9	68.3	18.3	68.2	18.7	68.0	19.5
		-5.0	-5.6	72.0	16.9	71.8	17.7	71.6	18.5	71.5	18.8	71.4	19.2	71.2	20.0
		-3.0	-3.7	75.0	17.5	74.8	18.2	74.6	19.0	74.5	19.3	74.4	19.7	74.2	20.4
		0.0	-0.7	79.8	18.3	79.6	19.0	79.4	19.7	79.3	20.0	79.2	20.4	79.0	21.0
		3.0	2.2	84.4	19.0	84.2	19.6	84.0	20.3	83.9	20.6	83.8	20.9	83.6	21.6
		5.0	4.1	87.4	19.4	87.2	20.0	87.0	20.7	86.9	21.0	86.8	21.3	86.6	21.9
		7.0	6.0	90.5	19.8	90.3	20.4	90.1	21.0	90.0	21.3	89.9	21.6	89.7	22.2
		9.0	7.9	93.5	20.2	93.3	20.7	93.1	21.3	93.0	21.6	92.9	21.9	92.7	22.5
		11.0	9.8	96.5	20.5	96.3	21.0	96.1	21.6	96.0	21.9	95.9	22.2	95.7	22.7
		13.0	11.8	99.7	20.8	99.5	21.4	99.3	21.9	99.2	22.2	99.1	22.4	98.9	23.0
		15.0	13.7	103	21.1	103	21.6	102	22.2	102	22.4	102	22.7	99.1	22.2
120%	840	-19.8	-20.0	48.8	11.7	48.6	12.8	48.4	13.8	48.3	14.4	48.2	14.9	48.0	16.0
		-18.8	-19.0	50.4	12.4	50.2	13.4	50.0	14.4	49.9	14.9	49.8	15.4	49.6	16.4
		-16.7	-17.0	53.5	13.5	53.4	14.5	53.2	15.4	53.1	15.9	53.0	16.4	52.8	17.3
		-13.7	-15.0	56.7	14.5	56.5	15.4	56.4	16.3	56.3	16.7	56.2	17.2	56.0	18.1
		-11.8	-13.0	59.9	15.4	59.7	16.2	59.5	17.1	59.5	17.5	59.4	17.9	59.2	18.8
		-9.8	-11.0	63.1	16.2	62.9	17.0	62.7	17.8	62.6	18.2	62.6	18.6	62.4	19.4
		-9.5	-10.0	64.7	16.6	64.5	17.3	64.3	18.1	64.2	18.5	64.1	18.9	64.0	19.7
		-8.5	-9.1	66.1	16.9	65.9	17.6	65.8	18.4	65.7	18.8	65.6	19.2	65.4	19.9
		-7.0	-7.6	68.5	17.4	68.3	18.1	68.2	18.8	68.1	19.2	68.0	19.6	67.8	20.3
		-5.0	-5.6	71.7	18.0	71.5	18.7	71.3	19.4	71.2	19.7	71.2	20.1	71.0	20.8
		-3.0	-3.7	74.7	18.5	74.6	19.2	74.4	19.8	74.3	20.2	74.2	20.5	74.0	21.2
		0.0	-0.7	79.5	19.2	79.3	19.9	79.1	20.5	79.1	20.8	79.0	21.1	78.8	21.7
		3.0	2.2	84.1	19.9	84.0	20.5	83.8	21.1	83.7	21.4	83.6	21.6	83.4	22.2
		5.0	4.1	87.2	20.3	87.0	20.8	86.8	21.4	86.7	21.7	86.6	22.0	86.4	22.5
		7.0	6.0	90.2	20.6	90.0	21.2	89.8	21.7	89.7	22.0	89.6	22.3	89.5	22.8
		9.0	7.9	93.2	20.9	93.0	21.5	92.9	22.0	92.8	22.3	92.7	22.5	91.5	22.7
		11.0	9.8	96.3	21.2	96.1	21.8	95.9	22.3	95.8	22.5	95.7	22.8	91.5	21.8
		13.0	11.8	99.4	21.6	99.3	22.0	99.1	22.5	99.0	22.8	98.3	22.8	91.5	21.0
		15.0	13.7	102	21.8	102	22.3	102	22.8	102	22.9	98.3	22.0	91.5	20.2
110%	770	-19.8	-20.0	48.5	13.3	48.3	14.2	48.2	15.2	48.1	15.7	48.0	16.2	47.8	17.1
		-18.8	-19.0	50.1	13.9	49.9	14.8	49.7	15.7	49.7	16.2	49.6	16.7	49.4	17.6
		-16.7	-17.0	53.3	14.9	53.1	15.8	52.9	16.6	52.8	17.1	52.8	17.5	52.6	18.4
		-13.7	-15.0	56.5	15.8	56.3	16.6	56.1	17.5	56.0	17.9	56.0	18.3	55.8	19.1
		-11.8	-13.0	59.6	16.6	59.5	17.4	59.3	18.2	59.2	18.6	59.1	19.0	59.0	19.7
		-9.8	-11.0	62.8	17.4	62.7	18.1	62.5	18.8	62.4	19.2	62.3	19.6	62.2	20.3
		-9.5	-10.0	64.4	17.7	64.3	18.4	64.1	19.1	64.0	19.5	63.9	19.8	63.8	20.5
		-8.5	-9.1	65.9	18.0	65.7	18.7	65.5	19.4	65.4	19.7	65.4	20.1	65.2	20.8
		-7.0	-7.6	68.3	18.4	68.1	19.1	67.9	19.8	67.8	20.1	67.7	20.4	67.6	21.1
		-5.0	-5.6	71.4	19.0	71.3	19.6	71.1	20.3	71.0	20.6	70.9	20.9	70.8	21.6
		-3.0	-3.7	74.5	19.5	74.3	20.1	74.1	20.7	74.0	21.0	74.0	21.3	73.8	21.9
		0.0	-0.7	79.2	20.2	79.1	20.7	78.9	21.3	78.8	21.6	78.7	21.9	78.6	22.5
		3.0	2.2	83.9	20.7	83.7	21.3	83.5	21.8	83.4	22.1	83.4	22.4	83.2	22.9
		5.0	4.1	86.9	21.1	86.7	21.6	86.6	22.1	86.5	22.4	86.4	22.7	83.9	22.2
		7.0	6.0	89.9	21.4	89.8	21.9	89.6	22.4	89.5	22.7	89.4	22.9	83.9	21.3
		9.0	7.9	93.0	21.7	92.8	22.2	92.6	22.7	92.5	22.9	90.1	22.3	83.9	20.5
		11.0	9.8	96.0	22.0	95.8	22.5	95.6	22.9	93.2	22.3	90.1	21.4	83.9	19.7
		13.0	11.8	99.2	22.3	99.0	22.7	96.3	22.3	93.2	21.4	90.1	20.6	83.9	18.9
		15.0	13.7	102	22.5	102	23.0	96.3	21.5	93.2	20.7	90.1	19.9	83.9	18.3
100%	700	-19.8	-20.0	48.2	14.8	48.1	15.7	47.9	16.6	47.8	17.0	47.8	17.4	47.6	18.3
		-18.8	-19.0	49.8	15.3	49.7	16.2	49.5	17.0	49.4	17.5	49.4	17.9	49.2	18.7
		-16.7	-17.0	53.0	16.3	52.8	17.1	52.7	17.9	52.6	18.3	52.5	18.7	52.4	19.5
		-13.7	-15.0	56.2	17.1	56.0	17.9	55.9	18.6	55.8	19.0	55.7	19.4	55.6	20.1
		-11.8	-13.0	59.4	17.9	59.2	18.6	59.1	19.3	59.0	19.6	58.9	20.0	58.8	20.7
		-9.8	-11.0	62.6	18.5	62.4	19.2	62.3	19.9	62.2	20.2	62.1	20.5	61.9	21.2
		-9.5	-10.0	64.2	18.8	64.0	19.5	63.8	20.1	63.8	20.5	63.7	20.8	63.5	21.4
		-8.5	-9.1	65.6	19.1	65.4	19.7	65.3	20.4	65.2	20.7	65.1	21.0	65.0	21.6
		-7.0	-7.6	68.0	19.5	67.8	20.1	67.7	20.7	67.6	21.0	67.5	21.3	67.4	22.0
		-5.0	-5.6	71.2	20.0	71.0	20.6	70.9	21.2	70.8	21.5	70.7	21.8	70.6	22.3
		-3.0	-3.7	74.2	20.4	74.0	21.0	73.9	21.6	73.8	21.8	73.7	22.1	73.6	22.7
		0.0	-0.7	79.0	21.1	78.8	21.6	78.7	22.1	78.6	22.4	78.5	22.6	76.3	22.2
		3.0	2.2	83.6	21.6	83.4	22.1	83.3	22.6	83.2	22.8	81.9	22.5	76.3	20.7
		5.0	4.1	86.6	21.9	86.5	22.4	86.3	22.9	84.7	22.5	81.9	21.6	76.3	19.9
		7.0	6.0	89.7	22.2	89.5	22.7	87.5	22.4	84.7	21.5	81.9	20.7	76.3	19.1
		9.0	7.9	92.7	22.5	92.5	22.9	87.5	21.5	84.7	20.7	81.9	19.9	76.3	18.3
		11.0	9.8	95.7	22.8	93.1	22.3	87.5	20.7	84.7	19.9	81.9	19.1	76.3	17.7
		13.0	11.8	98.7	23.0	93.1	21.4	87.5	19.9	84.7	19.2	81.9	18.4	76.3	17.0
		15.0	13.7	98.7	22.1	93.1	20.6	87.5	19.2	84.7	18.5	81.9	17.8	76.3	16.4
90%	630	-19.8	-20.0	48.0	16.4	47.8	17.1	47.7	17.9	47.6	18.3	47.5	18.7	47.4	19.5
		-18.8	-19.0	49.5	16.8	49.4	17.6	49.3	18.4	49.2	18.7	49.1	19.1	49.0	19.9
		-16.7	-17.0	52.7	17.7	52.6	18.4	52.5	19.1	52.4	19.5	52.3	19.8	52.2	20.5
		-13.7	-15.0	55.9	18.4	55.8	19.1	55.6	19.8	55.6	20.1	55.5	20.4	55.4	21.1
		-11.8	-13.0	59.1	19.1	59.0	19.7	58.8	20.4	58.8	20.7	58.7	21.0	58.6	21.6
		-9.8	-11.0	62.3	19.7	62.2	20.3	62.0	20.9	61.9	21.2	61.9	21.5	61.7	22.1
		-9.5	-10.0	63.9	20.0	63.7	20.6	63.6	21.1	63.5	21.4	63.5	21.7	63.3	22.3
		-8.5	-9.1	65.3	20.2	65.2	20.8	65.0	21.4	65.0	21.6	64.9	21.9	64.8	22.5
		-7.0	-7.6	67.7	20.6	67.6	21.1	67.4	21.7	67.4	22.0	67.3	22.2	67.2	22.8
		-5.0	-5.6	70.9	21.0	70.8	21.6	70.6	22.1	70.6	22.3	70.5	22.6	68.6	22.3
		-3.0	-3.7	73.9	21.4	73.8	21.9	73.6	22.4	73.6	22.7	73.5	22.9	68.6	21.2
		0.0	-0.7	78.7	22.0	78.6	22.5	78.4	22.9	76.2	22.2	73.7	21.3	68.6	19.6
		3.0	2.2	83.3	22.5	83.2	22.9	78.8	21.5	76.2	20.7	73.7	19.9	68.6	18.3
		5.0	4.1	86.4	22.8	83.8	22.2	78.8	20.6	76.2	19.8	73.7	19.1	68.6	17.6
		7.0	6.0	88.9	22.8	83.8	21.3	78.8	19.8	76.2	19.0	73.7	18.3	68.6	16.9
		9.0	7.9	88.9	21.9	83.8	20.4	78.8	19.0	76.2	18.3	73.7	17.6	68.6	16.3
		11.0	9.8	88.9	21.1	83.8	19.7	78.8	18.3	76.2	17.6	73.7	17.0	68.6	15.7
		13.0	11.8	88.9	20.3	83.8	18.9	78.8	17.6	76.2	17.0	73.7	16.4	68.6	15.1
		15.0	13.7	88.9	19.5	83.8	18.3	78.8	17.0	76.2	16.4	73.7	15.8	68.6	14.6

3 Capacity tables

3 - 2 Heating capacity tables

28HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	560	-19.8	-20.0	47.7	17.9	47.6	18.6	47.4	19.3	47.4	19.6	47.3	20.0	47.2	20.7
		-18.8	-19.0	49.3	18.3	49.2	19.0	49.0	19.7	49.0	20.0	48.9	20.3	48.8	21.0
		-16.7	-17.0	52.5	19.1	52.3	19.7	52.2	20.3	52.2	20.7	52.1	21.0	52.0	21.6
		-13.7	-15.0	55.6	19.7	55.5	20.3	55.4	20.9	55.3	21.2	55.3	21.5	55.2	22.1
		-11.8	-13.0	58.8	20.3	58.7	20.9	58.6	21.5	58.5	21.7	58.5	22.0	58.3	22.6
		-9.8	-11.0	62.0	20.9	61.9	21.4	61.8	21.9	61.7	22.2	61.7	22.5	61.0	22.7
		-9.5	-10.0	63.6	21.1	63.5	21.6	63.4	22.2	63.3	22.4	63.2	22.7	61.0	22.0
		-8.5	-9.1	65.1	21.3	64.9	21.8	64.8	22.3	64.7	22.6	64.7	22.8	61.0	21.4
		-7.0	-7.6	67.4	21.7	67.3	22.1	67.2	22.6	67.1	22.9	65.5	22.3	61.0	20.5
		-5.0	-5.6	70.6	22.1	70.5	22.5	70.0	22.8	67.8	21.9	65.5	21.1	61.0	19.4
		-3.0	-3.7	73.7	22.4	73.5	22.9	70.0	21.7	67.8	20.8	65.5	20.0	61.0	18.4
		0.0	-0.7	78.4	22.9	74.5	21.6	70.0	20.1	67.8	19.3	65.5	18.6	61.0	17.1
		3.0	2.2	79.0	21.6	74.5	20.2	70.0	18.8	67.8	18.1	65.5	17.4	61.0	16.1
		5.0	4.1	79.0	20.7	74.5	19.3	70.0	18.0	67.8	17.3	65.5	16.7	61.0	15.4
		7.0	6.0	79.0	19.9	74.5	18.6	70.0	17.3	67.8	16.7	65.5	16.0	61.0	14.8
		9.0	7.9	79.0	19.1	74.5	17.8	70.0	16.6	67.8	16.0	65.5	15.5	61.0	14.3
		11.0	9.8	79.0	18.4	74.5	17.2	70.0	16.0	67.8	15.5	65.5	14.9	61.0	13.8
		13.0	11.8	79.0	17.7	74.5	16.6	70.0	15.5	67.8	14.9	65.5	14.4	61.0	13.3
		15.0	13.7	79.0	17.1	74.5	16.0	70.0	14.9	67.8	14.4	65.5	13.9	61.0	12.9
70%	490	-19.8	-20.0	47.4	19.4	47.3	20.0	47.2	20.7	47.1	21.0	47.1	21.3	47.0	21.9
		-18.8	-19.0	49.0	19.8	48.9	20.4	48.8	21.0	48.7	21.3	48.7	21.6	48.6	22.2
		-16.7	-17.0	52.2	20.5	52.1	21.0	52.0	21.6	51.9	21.9	51.9	22.1	51.8	22.7
		-13.7	-15.0	55.4	21.1	55.3	21.6	55.2	22.1	55.1	22.4	55.1	22.6	53.4	22.1
		-11.8	-13.0	58.6	21.6	58.5	22.1	58.3	22.6	58.3	22.8	57.3	22.5	53.4	20.7
		-9.8	-11.0	61.8	22.0	61.6	22.5	61.3	22.8	59.3	21.9	57.3	21.1	53.4	19.4
		-9.5	-10.0	63.3	22.3	63.2	22.7	61.3	22.1	59.3	21.3	57.3	20.4	53.4	18.8
		-8.5	-9.1	64.8	22.4	64.7	22.9	61.3	21.5	59.3	20.7	57.3	19.9	53.4	18.3
		-7.0	-7.6	67.2	22.7	65.2	22.2	61.3	20.6	59.3	19.8	57.3	19.1	53.4	17.6
		-5.0	-5.6	69.1	22.5	65.2	20.9	61.3	19.5	59.3	18.8	57.3	18.0	53.4	16.6
		-3.0	-3.7	69.1	21.3	65.2	19.9	61.3	18.5	59.3	17.9	57.3	17.2	53.4	15.9
		0.0	-0.7	69.1	19.8	65.2	18.5	61.3	17.2	59.3	16.6	57.3	16.0	53.4	14.8
		3.0	2.2	69.1	18.5	65.2	17.3	61.3	16.1	59.3	15.6	57.3	15.0	53.4	13.9
		5.0	4.1	69.1	17.7	65.2	16.6	61.3	15.5	59.3	14.9	57.3	14.4	53.4	13.3
		7.0	6.0	69.1	17.0	65.2	16.0	61.3	14.9	59.3	14.4	57.3	13.9	53.4	12.9
		9.0	7.9	69.1	16.4	65.2	15.4	61.3	14.4	59.3	13.9	57.3	13.4	53.4	12.4
		11.0	9.8	69.1	15.8	65.2	14.8	61.3	13.9	59.3	13.4	57.3	12.9	53.4	12.0
		13.0	11.8	69.1	15.2	65.2	14.3	61.3	13.4	59.3	12.9	57.3	12.5	53.4	11.6
		15.0	13.7	69.1	14.7	65.2	13.8	61.3	12.9	59.3	12.5	57.3	12.1	53.4	11.2
60%	420	-19.8	-20.0	47.1	21.0	47.0	21.5	47.0	22.0	46.9	22.3	46.9	22.5	45.8	22.3
		-18.8	-19.0	48.7	21.3	48.6	21.8	48.5	22.3	48.5	22.6	48.5	22.8	45.8	21.4
		-16.7	-17.0	51.9	21.9	51.8	22.3	51.7	22.8	50.8	22.4	49.1	21.6	45.8	19.8
		-13.7	-15.0	55.1	22.4	55.0	22.8	52.5	21.7	50.8	20.9	49.1	20.1	45.8	18.5
		-11.8	-13.0	58.3	22.8	55.9	21.8	52.5	20.3	50.8	19.5	49.1	18.8	45.8	17.3
		-9.8	-11.0	59.2	21.9	55.9	20.4	52.5	19.0	50.8	18.3	49.1	17.6	45.8	16.3
		-9.5	-10.0	59.2	21.2	55.9	19.8	52.5	18.5	50.8	17.8	49.1	17.1	45.8	15.8
		-8.5	-9.1	59.2	20.7	55.9	19.3	52.5	18.0	50.8	17.3	49.1	16.7	45.8	15.4
		-7.0	-7.6	59.2	19.8	55.9	18.5	52.5	17.2	50.8	16.6	49.1	16.0	45.8	14.8
		-5.0	-5.6	59.2	18.7	55.9	17.5	52.5	16.3	50.8	15.8	49.1	15.2	45.8	14.1
		-3.0	-3.7	59.2	17.8	55.9	16.7	52.5	15.6	50.8	15.0	49.1	14.5	45.8	13.4
		0.0	-0.7	59.2	16.6	55.9	15.5	52.5	14.5	50.8	14.0	49.1	13.5	45.8	12.5
		3.0	2.2	59.2	15.5	55.9	14.6	52.5	13.6	50.8	13.2	49.1	12.7	45.8	11.8
		5.0	4.1	59.2	14.9	55.9	14.0	52.5	13.1	50.8	12.7	49.1	12.2	45.8	11.4
		7.0	6.0	59.2	14.4	55.9	13.5	52.5	12.6	50.8	12.2	49.1	11.8	45.8	11.0
		9.0	7.9	59.2	13.9	55.9	13.0	52.5	12.2	50.8	11.8	49.1	11.4	45.8	10.6
		11.0	9.8	59.2	13.4	55.9	12.6	52.5	11.8	50.8	11.4	49.1	11.0	45.8	10.3
		13.0	11.8	59.2	12.9	55.9	12.1	52.5	11.4	50.8	11.0	49.1	10.7	45.8	9.94
		15.0	13.7	59.2	12.5	55.9	11.8	52.5	11.0	50.8	10.7	49.1	10.3	45.8	9.64
50%	350	-19.8	-20.0	46.9	22.5	46.6	22.8	43.8	21.1	42.3	20.3	40.9	19.6	38.1	18.0
		-18.8	-19.0	48.5	22.8	46.6	21.9	43.8	20.3	42.3	19.5	40.9	18.8	38.1	17.3
		-16.7	-17.0	49.4	21.7	46.6	20.2	43.8	18.8	42.3	18.1	40.9	17.4	38.1	16.1
		-13.7	-15.0	49.4	20.2	46.6	18.8	43.8	17.6	42.3	16.9	40.9	16.3	38.1	15.1
		-11.8	-13.0	49.4	18.9	46.6	17.6	43.8	16.4	42.3	15.9	40.9	15.3	38.1	14.1
		-9.8	-11.0	49.4	17.7	46.6	16.6	43.8	15.5	42.3	14.9	40.9	14.4	38.1	13.3
		-9.5	-10.0	49.4	17.2	46.6	16.1	43.8	15.0	42.3	14.5	40.9	14.0	38.1	13.0
		-8.5	-9.1	49.4	16.8	46.6	15.7	43.8	14.7	42.3	14.2	40.9	13.7	38.1	12.7
		-7.0	-7.6	49.4	16.1	46.6	15.1	43.8	14.1	42.3	13.6	40.9	13.1	38.1	12.2
		-5.0	-5.6	49.4	15.3	46.6	14.3	43.8	13.4	42.3	12.9	40.9	12.5	38.1	11.6
		-3.0	-3.7	49.4	14.6	46.6	13.7	43.8	12.8	42.3	12.4	40.9	11.9	38.1	11.1
		0.0	-0.7	49.4	13.6	46.6	12.8	43.8	12.0	42.3	11.6	40.9	11.2	38.1	10.4
		3.0	2.2	49.4	12.8	46.6	12.0	43.8	11.3	42.3	10.9	40.9	10.6	38.1	9.84
		5.0	4.1	49.4	12.3	46.6	11.6	43.8	10.9	42.3	10.5	40.9	10.2	38.1	9.50
		7.0	6.0	49.4	11.9	46.6	11.2	43.8	10.5	42.3	10.2	40.9	9.83	38.1	9.18
		9.0	7.9	49.4	11.5	46.6	10.8	43.8	10.1	42.3	9.83	40.9	9.51	38.1	8.89
		11.0	9.8	49.4	11.1	46.6	10.4	43.8	9.83	42.3	9.52	40.9	9.22	38.1	8.62
		13.0	11.8	49.4	10.7	46.6	10.1	43.8	9.51	42.3	9.22	40.9	8.93	38.1	8.36
		15.0	13.7	49.4	10.4	46.6	9.81	43.8	9.24	42.3	8.96	40.9	8.68	38.1	8.12

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

30HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	975	-19.8	-20.0	51.5	10.6	51.3	11.9	51.1	13.2	51.0	13.9	50.9	14.5	50.6	15.8
		-18.8	-19.0	53.3	11.4	53.1	12.7	52.9	13.9	52.8	14.6	52.7	15.2	52.4	16.5
		-16.7	-17.0	56.9	12.9	56.7	14.1	56.5	15.3	56.4	15.9	56.3	16.5	56.0	17.6
		-13.7	-15.0	60.5	14.3	60.3	15.4	60.1	16.5	60.0	17.0	59.9	17.6	59.7	18.7
		-11.8	-13.0	64.1	15.4	63.9	16.5	63.7	17.5	63.6	18.0	63.5	18.5	63.3	19.6
		-9.8	-11.0	67.7	16.5	67.5	17.4	67.3	18.4	67.2	18.9	67.1	19.4	66.9	20.4
		-9.5	-10.0	69.5	16.9	69.3	17.9	69.1	18.8	69.0	19.3	68.9	19.8	68.7	20.7
		-8.5	-9.1	71.2	17.3	70.9	18.3	70.7	19.2	70.6	19.7	70.5	20.1	70.3	21.1
		-7.0	-7.6	73.9	18.0	73.7	18.9	73.4	19.8	73.3	20.2	73.2	20.7	73.0	21.5
		-5.0	-5.6	77.5	18.7	77.3	19.6	77.0	20.4	76.9	20.9	76.8	21.3	76.6	22.1
		-3.0	-3.7	80.9	19.4	80.7	20.2	80.5	21.0	80.4	21.4	80.3	21.9	80.0	22.7
		0.0	-0.7	86.3	20.4	86.1	21.1	85.9	21.9	85.8	22.3	85.7	22.6	85.4	23.4
		3.0	2.2	91.5	21.2	91.3	21.9	91.1	22.6	91.0	22.9	90.9	23.3	90.7	24.0
		5.0	4.1	95.0	21.6	94.8	22.3	94.5	23.0	94.4	23.4	94.3	23.7	94.1	24.4
		7.0	6.0	98.4	22.1	98.2	22.7	98.0	23.4	97.9	23.7	97.8	24.1	97.5	24.7
		9.0	7.9	102	22.5	102	23.1	101	23.8	101	24.1	101	24.4	101	25.1
		11.0	9.8	105	22.9	105	23.5	105	24.1	105	24.4	105	24.7	104	25.4
		13.0	11.8	109	23.3	109	23.9	108	24.5	108	24.8	108	25.1	108	25.5
		15.0	13.7	112	23.6	112	24.2	112	24.8	112	25.0	112	25.3	108	24.6
120%	900	-19.8	-20.0	51.2	12.3	51.0	13.6	50.8	14.8	50.7	15.4	50.6	16.0	50.4	17.2
		-18.8	-19.0	53.0	13.1	52.8	14.3	52.6	15.5	52.5	16.0	52.4	16.6	52.2	17.8
		-16.7	-17.0	56.6	14.5	56.4	15.6	56.2	16.7	56.1	17.2	56.0	17.8	55.8	18.9
		-13.7	-15.0	60.2	15.7	60.0	16.8	59.8	17.8	59.7	18.3	59.6	18.8	59.4	19.8
		-11.8	-13.0	63.8	16.8	63.6	17.8	63.4	18.7	63.3	19.2	63.2	19.7	63.0	20.7
		-9.8	-11.0	67.4	17.8	67.2	18.7	67.0	19.6	66.9	20.0	66.8	20.5	66.6	21.4
		-9.5	-10.0	69.2	18.2	69.0	19.1	68.8	20.0	68.7	20.4	68.6	20.9	68.4	21.7
		-8.5	-9.1	70.9	18.6	70.7	19.4	70.5	20.3	70.4	20.7	70.3	21.2	70.1	22.0
		-7.0	-7.6	73.6	19.2	73.4	20.0	73.2	20.8	73.1	21.2	73.0	21.7	72.8	22.5
		-5.0	-5.6	77.2	19.9	77.0	20.7	76.8	21.5	76.7	21.9	76.6	22.3	76.4	23.0
		-3.0	-3.7	80.6	20.5	80.4	21.3	80.2	22.0	80.1	22.4	80.0	22.8	79.8	23.5
		0.0	-0.7	86.0	21.4	85.8	22.1	85.6	22.8	85.5	23.1	85.4	23.5	85.2	24.2
		3.0	2.2	91.3	22.1	91.1	22.8	90.9	23.4	90.8	23.8	90.7	24.1	90.5	24.8
		5.0	4.1	94.7	22.6	94.5	23.2	94.3	23.8	94.2	24.2	94.1	24.5	93.9	25.1
		7.0	6.0	98.1	23.0	97.9	23.6	97.7	24.2	97.6	24.5	97.5	24.8	97.3	25.4
		9.0	7.9	102	23.4	101	24.0	101	24.5	101	24.8	101	25.1	99.3	25.2
		11.0	9.8	105	23.7	105	24.3	105	24.9	104	25.1	104	25.4	99.3	24.2
		13.0	11.8	109	24.1	108	24.6	108	25.2	108	25.4	107	25.2	99.3	23.2
		15.0	13.7	112	24.4	112	24.9	112	25.5	110	25.3	107	24.3	99.3	22.3
110%	825	-19.8	-20.0	50.9	14.1	50.7	15.2	50.5	16.3	50.5	16.9	50.4	17.5	50.2	18.6
		-18.8	-19.0	52.7	14.8	52.5	15.9	52.4	17.0	52.3	17.5	52.2	18.0	52.0	19.1
		-16.7	-17.0	56.3	16.1	56.1	17.1	56.0	18.1	55.9	18.6	55.8	19.1	55.6	20.1
		-13.7	-15.0	59.9	17.2	59.8	18.2	59.6	19.1	59.5	19.6	59.4	20.0	59.2	21.0
		-11.8	-13.0	63.5	18.2	63.4	19.1	63.2	20.0	63.1	20.4	63.0	20.9	62.8	21.7
		-9.8	-11.0	67.2	19.1	67.0	19.9	66.8	20.8	66.7	21.2	66.6	21.6	66.4	22.4
		-9.5	-10.0	69.0	19.5	68.8	20.3	68.6	21.1	68.5	21.5	68.4	21.9	68.2	22.7
		-8.5	-9.1	70.6	19.8	70.4	20.6	70.2	21.4	70.1	21.8	70.0	22.2	69.8	23.0
		-7.0	-7.6	73.3	20.4	73.1	21.1	72.9	21.9	72.8	22.3	72.7	22.7	72.5	23.4
		-5.0	-5.6	76.9	21.0	76.7	21.8	76.5	22.5	76.4	22.8	76.3	23.2	76.2	23.9
		-3.0	-3.7	80.3	21.6	80.1	22.3	80.0	23.0	79.9	23.3	79.8	23.7	79.6	24.4
		0.0	-0.7	85.7	22.4	85.5	23.1	85.4	23.7	85.3	24.0	85.2	24.3	85.0	25.0
		3.0	2.2	91.0	23.1	90.8	23.7	90.6	24.3	90.5	24.6	90.4	24.9	90.2	25.5
		5.0	4.1	94.4	23.5	94.2	24.1	94.0	24.7	93.9	25.0	93.8	25.2	91.1	24.7
		7.0	6.0	97.8	23.9	97.6	24.4	97.4	25.0	97.4	25.3	97.3	25.6	91.1	23.7
		9.0	7.9	101	24.2	101	24.8	101	25.3	101	25.6	97.8	24.7	91.1	22.7
		11.0	9.8	105	24.6	104	25.1	104	25.6	101	24.7	97.8	23.7	91.1	21.8
		13.0	11.8	108	24.9	108	25.4	105	24.6	101	23.7	97.8	22.8	91.1	21.0
		15.0	13.7	112	25.2	111	25.5	105	23.7	101	22.8	97.8	21.9	91.1	20.2
100%	750	-19.8	-20.0	50.6	15.9	50.5	16.9	50.3	17.9	50.2	18.4	50.1	18.9	50.0	19.9
		-18.8	-19.0	52.4	16.5	52.3	17.5	52.1	18.5	52.0	19.0	51.9	19.5	51.8	20.4
		-16.7	-17.0	56.0	17.7	55.9	18.6	55.7	19.5	55.6	20.0	55.5	20.4	55.4	21.3
		-13.7	-15.0	59.6	18.7	59.5	19.6	59.3	20.4	59.2	20.9	59.1	21.3	59.0	22.1
		-11.8	-13.0	63.2	19.6	63.1	20.4	62.9	21.2	62.8	21.6	62.7	22.0	62.6	22.8
		-9.8	-11.0	66.9	20.4	66.7	21.2	66.5	21.9	66.4	22.3	66.4	22.7	66.2	23.4
		-9.5	-10.0	68.7	20.8	68.5	21.5	68.3	22.3	68.2	22.6	68.2	23.0	68.0	23.7
		-8.5	-9.1	70.3	21.1	70.1	21.8	69.9	22.5	69.9	22.9	69.8	23.3	69.6	24.0
		-7.0	-7.6	73.0	21.6	72.8	22.3	72.7	23.0	72.6	23.3	72.5	23.7	72.3	24.3
		-5.0	-5.6	76.6	22.2	76.4	22.8	76.3	23.5	76.2	23.8	76.1	24.2	75.9	24.8
		-3.0	-3.7	80.0	22.7	79.9	23.3	79.7	24.0	79.6	24.3	79.5	24.6	79.4	25.2
		0.0	-0.7	85.4	23.4	85.3	24.0	85.1	24.6	85.0	24.9	84.9	25.2	82.8	24.9
		3.0	2.2	90.7	24.1	90.5	24.6	90.3	25.2	90.3	25.4	88.9	25.2	82.8	23.1
		5.0	4.1	94.1	24.4	93.9	25.0	93.8	25.5	91.9	25.0	88.9	24.0	82.8	22.1
		7.0	6.0	97.5	24.8	97.4	25.3	95.0	24.9	91.9	23.9	88.9	23.0	82.8	21.2
		9.0	7.9	101	25.1	101	25.6	95.0	23.9	91.9	23.0	88.9	22.1	82.8	20.3
		11.0	9.8	104	25.4	101	24.7	95.0	22.9	91.9	22.1	88.9	21.2	82.8	19.6
		13.0	11.8	107	25.4	101	23.7	95.0	22.0	91.9	21.2	88.9	20.4	82.8	18.8
		15.0	13.7	107	24.4	101	22.8	95.0	21.2	91.9	20.4	88.9	19.7	82.8	18.2
90%	675	-19.8	-20.0	50.3	17.7	50.2	18.6	50.0	19.5	50.0	19.9	49.9	20.4	49.7	21.3
		-18.8	-19.0	52.1	18.3	52.0	19.1	51.8	20.0	51.8	20.4	51.7	20.9	51.5	21.8
		-16.7	-17.0	55.7	19.3	55.6	20.1	55.4	20.9	55.4	21.3	55.3	21.8	55.1	22.6
		-13.7	-15.0	59.3	20.2	59.2	21.0	59.0	21.8	59.0	22.1	58.9	22.5	58.7	23.3
		-11.8	-13.0	63.0	21.0	62.8	21.8	62.7	22.5	62.6	22.8	62.5	23.2	62.4	23.9
		-9.8	-11.0	66.6	21.8	66.4	22.4	66.3	23.1	66.2	23.4	66.1	23.8	66.0	24.5
		-9.5	-10.0	68.4	22.1	68.2	22.7	68.1	23.4	68.0	23.7	67.9	24.1	67.8	24.7
		-8.5	-9.1	70.0	22.4	69.8	23.0	69.7	23.7	69.6	24.0	69.5	24.3	69.4	24.9
		-7.0	-7.6	72.7	22.8	72.5	23.4	72.4	24.0	72.3	24.4	72.2	24.7	72.1	25.3
		-5.0	-5.6	76.3	23.3	76.2	23.9	76.0	24.5	75.9	24.8	75.9	25.1	74.5	25.1
		-3.0	-3.7	79.7	23.8	79.6	24.4	79.4	24.9	79.4	25.2	79.3	25.5	74.5	23.8
		0.0	-0.7	85.1	24.5	85.0	25.0	84.8	25.5	82.8	24.8	80.0	23.9	74.5	21.9
		3.0	2.2	90.4	25.0	90.2	25.5	85.5	24.0	82.8	23.1	80.0	22.2	74.5	20.5
		5.0	4.1	93.8	25.4	91.0	24.7	85.5	23.0	82.8	22.1	80.0	21.2	74.5	19.6
		7.0	6.0	96.5	25.4	91.0	23.7	85.5	22.0	82.8	21.2	80.0	20.4	74.5	18.8
		9.0	7.9	96.5	24.3	91.0	22.7	85.5	21.1	82.8	20.3	80.0	19.6	74.5	18.1
		11.0	9.8	96.5	23.4	91.0	21.8	85.5	20.3	82.8	19.6	80.0	18.8	74.5	17.4
		13.0	11.8	96.5	22.4	91.0	20.9	85.5	19.5	82.8	18.8	80.0	18.1	74.5	16.7
		15.0	13.7	96.5	21.6	91.0	20.2	85.5	18.8	82.8	18.1	80.0	17.5	74.5	16.2

3 Capacity tables

3 - 2 Heating capacity tables

30HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	600	-19.8	-20.0	50.0	19.4	49.9	20.3	49.8	21.1	49.7	21.5	49.6	21.9	49.5	22.7
		-18.8	-19.0	51.8	20.0	51.7	20.7	51.6	21.5	51.5	21.9	51.4	22.3	51.3	23.1
		-16.7	-17.0	55.4	20.9	55.3	21.6	55.2	22.4	55.1	22.7	55.0	23.1	54.9	23.8
		-13.7	-15.0	59.1	21.7	58.9	22.4	58.8	23.1	58.7	23.4	58.7	23.8	58.5	24.4
		-11.8	-13.0	62.7	22.4	62.5	23.1	62.4	23.7	62.3	24.0	62.3	24.4	62.1	25.0
		-9.8	-11.0	66.3	23.1	66.1	23.7	66.0	24.3	65.9	24.6	65.9	24.9	65.7	25.5
		-9.5	-10.0	68.1	23.4	67.9	24.0	67.8	24.5	67.7	24.8	67.7	25.1	66.2	24.9
		-8.5	-9.1	69.7	23.6	69.6	24.2	69.4	24.8	69.4	25.1	69.3	25.3	66.2	24.2
		-7.0	-7.6	72.4	24.0	72.3	24.6	72.1	25.1	72.1	25.4	71.1	25.2	66.2	23.1
		-5.0	-5.6	76.0	24.5	75.9	25.0	75.7	25.5	73.6	24.7	71.1	23.7	66.2	21.8
		-3.0	-3.7	79.4	24.9	79.3	25.4	76.0	24.3	73.6	23.4	71.1	22.5	66.2	20.7
		0.0	-0.7	84.8	25.5	80.9	24.2	76.0	22.5	73.6	21.6	71.1	20.8	66.2	19.2
		3.0	2.2	85.8	24.1	80.9	22.5	76.0	20.9	73.6	20.2	71.1	19.4	66.2	17.9
		5.0	4.1	85.8	23.0	80.9	21.5	76.0	20.0	73.6	19.3	71.1	18.6	66.2	17.2
		7.0	6.0	85.8	22.1	80.9	20.6	76.0	19.2	73.6	18.5	71.1	17.8	66.2	16.5
		9.0	7.9	85.8	21.2	80.9	19.8	76.0	18.5	73.6	17.8	71.1	17.2	66.2	15.9
		11.0	9.8	85.8	20.4	80.9	19.1	76.0	17.8	73.6	17.1	71.1	16.5	66.2	15.3
		13.0	11.8	85.8	19.6	80.9	18.3	76.0	17.1	73.6	16.5	71.1	15.9	66.2	14.7
		15.0	13.7	85.8	18.9	80.9	17.7	76.0	16.5	73.6	15.9	71.1	15.4	66.2	14.3
70%	525	-19.8	-20.0	49.7	21.2	49.6	21.9	49.5	22.6	49.4	23.0	49.4	23.3	49.3	24.0
		-18.8	-19.0	51.5	21.7	51.4	22.4	51.3	23.0	51.3	23.4	51.2	23.7	51.1	24.4
		-16.7	-17.0	55.2	22.5	55.0	23.1	54.9	23.8	54.9	24.1	54.8	24.4	54.7	25.0
		-13.7	-15.0	58.8	23.2	58.6	23.8	58.5	24.4	58.5	24.7	58.4	25.0	58.0	25.4
		-11.8	-13.0	62.4	23.8	62.3	24.4	62.1	25.0	62.1	25.2	62.0	25.5	58.0	23.6
		-9.8	-11.0	66.0	24.4	65.9	24.9	65.7	25.5	64.4	24.9	62.2	23.9	58.0	22.0
		-9.5	-10.0	67.8	24.7	67.7	25.2	66.5	25.1	64.4	24.1	62.2	23.2	58.0	21.3
		-8.5	-9.1	69.4	24.9	69.3	25.4	66.5	24.4	64.4	23.4	62.2	22.5	58.0	20.7
		-7.0	-7.6	72.1	25.2	70.8	25.0	66.5	23.2	64.4	22.4	62.2	21.5	58.0	19.8
		-5.0	-5.6	75.0	25.3	70.8	23.6	66.5	21.9	64.4	21.1	62.2	20.3	58.0	18.7
		-3.0	-3.7	75.0	24.0	70.8	22.4	66.5	20.8	64.4	20.0	62.2	19.3	58.0	17.8
		0.0	-0.7	75.0	22.1	70.8	20.7	66.5	19.3	64.4	18.6	62.2	17.9	58.0	16.5
		3.0	2.2	75.0	20.6	70.8	19.3	66.5	18.0	64.4	17.3	62.2	16.7	58.0	15.5
		5.0	4.1	75.0	19.7	70.8	18.5	66.5	17.2	64.4	16.6	62.2	16.0	58.0	14.9
		7.0	6.0	75.0	18.9	70.8	17.7	66.5	16.6	64.4	16.0	62.2	15.4	58.0	14.3
		9.0	7.9	75.0	18.2	70.8	17.1	66.5	15.9	64.4	15.4	62.2	14.8	58.0	13.8
		11.0	9.8	75.0	17.5	70.8	16.4	66.5	15.4	64.4	14.8	62.2	14.3	58.0	13.3
		13.0	11.8	75.0	16.9	70.8	15.8	66.5	14.8	64.4	14.3	62.2	13.8	58.0	12.8
		15.0	13.7	75.0	16.3	70.8	15.3	66.5	14.3	64.4	13.8	62.2	13.4	58.0	12.4
60%	450	-19.8	-20.0	49.4	23.0	49.3	23.6	49.2	24.2	49.2	24.5	49.1	24.8	49.0	25.4
		-18.8	-19.0	51.3	23.4	51.2	24.0	51.1	24.6	51.0	24.8	51.0	25.1	49.7	24.8
		-16.7	-17.0	54.9	24.1	54.8	24.6	54.7	25.2	54.6	25.4	53.3	24.8	49.7	22.8
		-13.7	-15.0	58.5	24.7	58.4	25.2	57.0	24.9	55.2	23.9	53.3	23.0	49.7	21.1
		-11.8	-13.0	62.1	25.2	60.7	24.9	57.0	23.1	55.2	22.2	53.3	21.4	49.7	19.7
		-9.8	-11.0	64.3	24.9	60.7	23.2	57.0	21.6	55.2	20.8	53.3	20.0	49.7	18.5
		-9.5	-10.0	64.3	24.1	60.7	22.5	57.0	20.9	55.2	20.1	53.3	19.4	49.7	17.9
		-8.5	-9.1	64.3	23.4	60.7	21.9	57.0	20.3	55.2	19.6	53.3	18.9	49.7	17.4
		-7.0	-7.6	64.3	22.4	60.7	20.9	57.0	19.5	55.2	18.8	53.3	18.1	49.7	16.7
		-5.0	-5.6	64.3	21.1	60.7	19.7	57.0	18.4	55.2	17.7	53.3	17.1	49.7	15.8
		-3.0	-3.7	64.3	20.0	60.7	18.7	57.0	17.5	55.2	16.9	53.3	16.3	49.7	15.1
		0.0	-0.7	64.3	18.6	60.7	17.4	57.0	16.2	55.2	15.7	53.3	15.1	49.7	14.0
		3.0	2.2	64.3	17.3	60.7	16.3	57.0	15.2	55.2	14.7	53.3	14.2	49.7	13.2
		5.0	4.1	64.3	16.6	60.7	15.6	57.0	14.6	55.2	14.1	53.3	13.6	49.7	12.7
		7.0	6.0	64.3	16.0	60.7	15.0	57.0	14.1	55.2	13.6	53.3	13.1	49.7	12.2
		9.0	7.9	64.3	15.4	60.7	14.5	57.0	13.5	55.2	13.1	53.3	12.7	49.7	11.8
		11.0	9.8	64.3	14.8	60.7	13.9	57.0	13.1	55.2	12.6	53.3	12.2	49.7	11.4
		13.0	11.8	64.3	14.3	60.7	13.5	57.0	12.6	55.2	12.2	53.3	11.8	49.7	11.0
		15.0	13.7	64.3	13.8	60.7	13.0	57.0	12.2	55.2	11.8	53.3	11.4	49.7	10.7
50%	375	-19.8	-20.0	49.2	24.8	49.1	25.3	47.5	24.6	46.0	23.6	44.4	22.7	41.4	20.9
		-18.8	-19.0	51.0	25.1	50.6	25.3	47.5	23.5	46.0	22.6	44.4	21.8	41.4	20.0
		-16.7	-17.0	53.6	25.0	50.6	23.3	47.5	21.7	46.0	20.9	44.4	20.1	41.4	18.5
		-13.7	-15.0	53.6	23.1	50.6	21.6	47.5	20.1	46.0	19.4	44.4	18.6	41.4	17.2
		-11.8	-13.0	53.6	21.5	50.6	20.1	47.5	18.7	46.0	18.1	44.4	17.4	41.4	16.1
		-9.8	-11.0	53.6	20.1	50.6	18.8	47.5	17.6	46.0	16.9	44.4	16.3	41.4	15.1
		-9.5	-10.0	53.6	19.5	50.6	18.3	47.5	17.0	46.0	16.4	44.4	15.9	41.4	14.7
		-8.5	-9.1	53.6	19.0	50.6	17.8	47.5	16.6	46.0	16.0	44.4	15.4	41.4	14.3
		-7.0	-7.6	53.6	18.2	50.6	17.0	47.5	15.9	46.0	15.4	44.4	14.8	41.4	13.7
		-5.0	-5.6	53.6	17.2	50.6	16.1	47.5	15.1	46.0	14.6	44.4	14.0	41.4	13.1
		-3.0	-3.7	53.6	16.3	50.6	15.3	47.5	14.4	46.0	13.9	44.4	13.4	41.4	12.5
		0.0	-0.7	53.6	15.2	50.6	14.3	47.5	13.4	46.0	12.9	44.4	12.5	41.4	11.6
		3.0	2.2	53.6	14.2	50.6	13.4	47.5	12.6	46.0	12.2	44.4	11.8	41.4	11.0
		5.0	4.1	53.6	13.7	50.6	12.9	47.5	12.1	46.0	11.7	44.4	11.3	41.4	10.6
		7.0	6.0	53.6	13.2	50.6	12.4	47.5	11.7	46.0	11.3	44.4	10.9	41.4	10.2
		9.0	7.9	53.6	12.7	50.6	12.0	47.5	11.3	46.0	10.9	44.4	10.6	41.4	9.87
		11.0	9.8	53.6	12.3	50.6	11.6	47.5	10.9	46.0	10.6	44.4	10.2	41.4	9.56
		13.0	11.8	53.6	11.9	50.6	11.2	47.5	10.5	46.0	10.2	44.4	9.89	41.4	9.25
		15.0	13.7	53.6	11.5	50.6	10.9	47.5	10.2	46.0	9.91	44.4	9.60	41.4	8.99

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

32HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,040	-19.8	-20.0	53.1	10.3	52.8	11.7	52.6	13.0	52.5	13.7	52.4	14.44	52.1	15.83
		-18.8	-19.0	54.9	11.2	54.7	12.5	54.4	13.8	54.3	14.5	54.2	15.18	54.0	16.52
		-16.7	-17.0	58.6	12.8	58.4	14.0	58.2	15.3	58.0	15.9	57.9	16.51	57.7	17.77
		-13.7	-15.0	62.3	14.2	62.1	15.3	61.9	16.5	61.8	17.1	61.6	17.7	61.4	18.8
		-11.8	-13.0	66.0	15.4	65.8	16.5	65.6	17.6	65.5	18.2	65.3	18.7	65.1	19.8
		-9.8	-11.0	69.7	16.5	69.5	17.5	69.3	18.6	69.2	19.1	69.1	19.6	68.8	20.7
		-9.5	-10.0	71.6	17.0	71.4	18.0	71.1	19.0	71.0	19.5	70.9	20.0	70.7	21.0
		-8.5	-9.1	73.3	17.4	73.0	18.4	72.8	19.4	72.7	19.9	72.6	20.4	72.4	21.4
		-7.0	-7.6	76.1	18.1	75.8	19.0	75.6	20.0	75.5	20.5	75.4	20.9	75.1	21.9
		-5.0	-5.6	79.8	18.9	79.5	19.8	79.3	20.7	79.2	21.2	79.1	21.6	78.8	22.5
		-3.0	-3.7	83.3	19.6	83.1	20.5	82.8	21.4	82.7	21.8	82.6	22.2	82.4	23.1
		0.0	-0.7	88.9	20.6	88.6	21.4	88.4	22.2	88.3	22.6	88.2	23.1	87.9	23.9
		3.0	2.2	94.2	21.5	94.0	22.2	93.8	23.0	93.7	23.4	93.5	23.8	93.3	24.5
		5.0	4.1	97.8	22.0	97.5	22.7	97.3	23.5	97.2	23.8	97.1	24.2	96.8	24.9
		7.0	6.0	101	22.5	101	23.2	101	23.9	101	24.2	101	24.6	100	25.3
		9.0	7.9	105	22.9	105	23.6	104	24.3	104	24.6	104	24.9	104	25.6
		11.0	9.8	108	23.3	108	24.0	108	24.6	108	24.9	108	25.3	107	25.9
		13.0	11.8	112	23.7	112	24.3	112	25.0	111	25.3	111	25.6	111	26.2
		15.0	13.7	116	24.1	115	24.7	115	25.3	115	25.6	115	25.9	113	26.0
120%	960	-19.8	-20.0	52.7	12.1	52.5	13.4	52.3	14.7	52.2	15.4	52.1	16.0	51.9	17.3
		-18.8	-19.0	54.6	13.0	54.4	14.2	54.2	15.4	54.1	16.1	54.0	16.7	53.8	17.9
		-16.7	-17.0	58.3	14.5	58.1	15.6	57.9	16.8	57.8	17.3	57.7	17.9	57.5	19.1
		-13.7	-15.0	62.0	15.7	61.8	16.8	61.6	17.9	61.5	18.4	61.4	19.0	61.2	20.1
		-11.8	-13.0	65.7	16.9	65.5	17.9	65.3	18.9	65.2	19.4	65.1	19.9	64.9	21.0
		-9.8	-11.0	69.4	17.9	69.2	18.9	69.0	19.8	68.9	20.3	68.8	20.8	68.6	21.7
		-9.5	-10.0	71.3	18.4	71.1	19.3	70.9	20.2	70.8	20.7	70.7	21.2	70.4	22.1
		-8.5	-9.1	73.0	18.8	72.7	19.7	72.5	20.6	72.4	21.0	72.3	21.5	72.1	22.4
		-7.0	-7.6	75.7	19.4	75.5	20.3	75.3	21.1	75.2	21.6	75.1	22.0	74.9	22.9
		-5.0	-5.6	79.5	20.1	79.2	21.0	79.0	21.8	78.9	22.2	78.8	22.6	78.6	23.5
		-3.0	-3.7	83.0	20.8	82.8	21.6	82.6	22.4	82.4	22.8	82.3	23.2	82.1	24.0
		0.0	-0.7	88.5	21.7	88.3	22.5	88.1	23.2	88.0	23.6	87.9	24.0	87.7	24.7
		3.0	2.2	93.9	22.5	93.7	23.2	93.5	23.9	93.4	24.3	93.3	24.6	93.1	25.3
		5.0	4.1	97.4	23.0	97.2	23.7	97.0	24.3	96.9	24.7	96.8	25.0	96.6	25.7
		7.0	6.0	101	23.4	101	24.1	101	24.7	100	25.0	100	25.4	100	26.0
		9.0	7.9	104	23.8	104	24.4	104	25.1	104	25.4	104	25.7	104	26.3
		11.0	9.8	108	24.2	108	24.8	108	25.4	107	25.7	107	26.0	105	25.6
		13.0	11.8	112	24.6	112	25.2	111	25.7	111	26.0	111	26.3	105	24.6
		15.0	13.7	115	24.9	115	25.5	115	26.0	115	26.3	112	25.8	105	23.7
110%	880	-19.8	-20.0	52.4	14.0	52.2	15.2	52.0	16.4	51.9	17.0	51.9	17.6	51.7	18.7
		-18.8	-19.0	54.3	14.8	54.1	15.9	53.9	17.1	53.8	17.6	53.7	18.2	53.5	19.3
		-16.7	-17.0	58.0	16.1	57.8	17.2	57.6	18.3	57.5	18.8	57.4	19.3	57.2	20.4
		-13.7	-15.0	61.7	17.3	61.5	18.3	61.3	19.3	61.2	19.8	61.1	20.3	60.9	21.3
		-11.8	-13.0	65.4	18.4	65.2	19.3	65.0	20.2	64.9	20.7	64.8	21.2	64.6	22.1
		-9.8	-11.0	69.1	19.3	68.9	20.2	68.7	21.1	68.6	21.5	68.5	21.9	68.4	22.8
		-9.5	-10.0	71.0	19.7	70.8	20.6	70.6	21.4	70.5	21.9	70.4	22.3	70.2	23.2
		-8.5	-9.1	72.7	20.1	72.5	20.9	72.3	21.8	72.2	22.2	72.1	22.6	71.9	23.4
		-7.0	-7.6	75.4	20.7	75.2	21.5	75.0	22.3	75.0	22.7	74.9	23.1	74.7	23.9
		-5.0	-5.6	79.1	21.4	79.0	22.1	78.8	22.9	78.7	23.3	78.6	23.7	78.4	24.4
		-3.0	-3.7	82.7	22.0	82.5	22.7	82.3	23.4	82.2	23.8	82.1	24.2	81.9	24.9
		0.0	-0.7	88.2	22.8	88.0	23.5	87.8	24.2	87.7	24.5	87.7	24.9	87.5	25.5
		3.0	2.2	93.6	23.5	93.4	24.2	93.2	24.8	93.1	25.1	93.0	25.5	92.8	26.1
		5.0	4.1	97.1	24.0	96.9	24.6	96.7	25.2	96.7	25.5	96.6	25.8	95.9	26.2
		7.0	6.0	101	24.4	100	25.0	100	25.6	100	25.9	100	26.2	95.9	25.1
		9.0	7.9	104	24.7	104	25.3	104	25.9	104	26.2	103	26.2	95.9	24.1
		11.0	9.8	108	25.1	108	25.6	107	26.2	106	26.2	103	25.2	95.9	23.1
		13.0	11.8	111	25.4	111	26.0	110	26.1	106	25.1	103	24.1	95.9	22.2
		15.0	13.7	115	25.7	115	26.2	110	25.1	106	24.2	103	23.3	95.9	21.4
100%	800	-19.8	-20.0	52.1	15.9	51.9	17.0	51.8	18.0	51.7	18.6	51.6	19.1	51.4	20.2
		-18.8	-19.0	54.0	16.6	53.8	17.6	53.6	18.7	53.5	19.2	53.5	19.7	53.3	20.7
		-16.7	-17.0	57.7	17.8	57.5	18.8	57.3	19.8	57.2	20.2	57.2	20.7	57.0	21.7
		-13.7	-15.0	61.4	18.9	61.2	19.8	61.0	20.7	61.0	21.2	60.9	21.6	60.7	22.5
		-11.8	-13.0	65.1	19.9	64.9	20.7	64.8	21.6	64.7	22.0	64.6	22.4	64.4	23.3
		-9.8	-11.0	68.8	20.7	68.6	21.5	68.5	22.3	68.4	22.7	68.3	23.1	68.1	23.9
		-9.5	-10.0	70.7	21.1	70.5	21.9	70.3	22.7	70.2	23.0	70.1	23.4	70.0	24.2
		-8.5	-9.1	72.3	21.4	72.2	22.2	72.0	22.9	71.9	23.3	71.8	23.7	71.6	24.5
		-7.0	-7.6	75.1	21.9	74.9	22.7	74.8	23.4	74.7	23.8	74.6	24.1	74.4	24.9
		-5.0	-5.6	78.8	22.6	78.7	23.3	78.5	24.0	78.4	24.3	78.3	24.7	78.1	25.4
		-3.0	-3.7	82.4	23.1	82.2	23.8	82.0	24.5	81.9	24.8	81.8	25.1	81.7	25.8
		0.0	-0.7	87.9	23.9	87.7	24.5	87.6	25.1	87.5	25.5	87.4	25.8	87.1	26.4
		3.0	2.2	93.3	24.6	93.1	25.1	93.0	25.7	92.9	26.0	92.8	26.3	87.1	24.5
		5.0	4.1	96.8	25.0	96.7	25.5	96.5	26.1	96.4	26.4	93.6	25.5	87.1	23.4
		7.0	6.0	100	25.3	100	25.9	100	26.4	96.8	25.4	93.6	24.4	87.1	22.5
		9.0	7.9	104	25.7	104	26.2	100	25.3	96.8	24.4	93.6	23.4	87.1	21.6
		11.0	9.8	107	26.0	106	26.2	100	24.3	96.8	23.4	93.6	22.5	87.1	20.7
		13.0	11.8	111	26.3	106	25.1	100	23.3	96.8	22.5	93.6	21.6	87.1	19.9
		15.0	13.7	113	25.9	106	24.2	100	22.5	96.8	21.7	93.6	20.8	87.1	19.2
90%	720	-19.8	-20.0	51.8	17.8	51.7	18.8	51.5	19.7	51.4	20.2	51.3	20.7	51.2	21.6
		-18.8	-19.0	53.7	18.4	53.5	19.3	53.4	20.3	53.3	20.7	53.2	21.2	53.0	22.1
		-16.7	-17.0	57.4	19.5	57.2	20.4	57.1	21.3	57.0	21.7	56.9	22.1	56.7	23.0
		-13.7	-15.0	61.1	20.5	60.9	21.3	60.8	22.1	60.7	22.5	60.6	22.9	60.5	23.7
		-11.8	-13.0	64.8	21.4	64.6	22.1	64.5	22.9	64.4	23.3	64.3	23.6	64.2	24.4
		-9.8	-11.0	68.5	22.1	68.4	22.8	68.2	23.6	68.1	23.9	68.0	24.3	67.9	25.0
		-9.5	-10.0	70.4	22.5	70.2	23.2	70.0	23.9	70.0	24.2	69.9	24.6	69.7	25.3
		-8.5	-9.1	72.0	22.8	71.9	23.4	71.7	24.1	71.6	24.5	71.6	24.8	71.4	25.5
		-7.0	-7.6	74.8	23.2	74.7	23.9	74.5	24.5	74.4	24.9	74.3	25.2	74.2	25.9
		-5.0	-5.6	78.5	23.8	78.4	24.4	78.2	25.1	78.1	25.4	78.1	25.7	77.9	26.3
		-3.0	-3.7	82.1	24.3	81.9	24.9	81.7	25.5	81.7	25.8	81.6	26.1	78.4	25.2
		0.0	-0.7	87.6	25.0	87.5	25.6	87.3	26.1	87.1	26.3	84.2	25.3	78.4	23.3
		3.0	2.2	93.0	25.6	92.8	26.1	90.0	25.5	87.1	24.5	84.2	23.5	78.4	21.7
		5.0	4.1	96.5	25.9	95.8	26.2	90.0	24.3	87.1	23.4	84.2	22.5	78.4	20.8
		7.0	6.0	100	26.3	95.8	25.1	90.0	23.3	87.1	22.4	84.2	21.6	78.4	19.9
		9.0	7.9	102	25.8	95.8	24.1	90.0	22.4	87.1	21.6	84.2	20.7	78.4	19.1
		11.0	9.8	102	24.8	95.8	23.1	90.0	21.5	87.1	20.7	84.2	20.0	78.4	18.4
		13.0	11.8	102	23.8	95.8	22.2	90.0	20.7	87.1	19.9	84.2	19.2	78.4	17.7
		15.0	13.7	102	22.9	95.8	21.4	90.0	20.0	87.1	19.2	84.2	18.5	78.4	17.1

3 Capacity tables

3 - 2 Heating capacity tables

32HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	640	-19.8	-20.0	51.5	19.7	51.4	20.5	51.2	21.4	51.2	21.8	51.1	22.2	50.9	23.1
		-18.8	-19.0	53.4	20.2	53.2	21.0	53.1	21.9	53.0	22.3	52.9	22.7	52.8	23.5
		-16.7	-17.0	57.1	21.2	56.9	22.0	56.8	22.8	56.7	23.1	56.6	23.5	56.5	24.3
		-13.7	-15.0	60.8	22.1	60.6	22.8	60.5	23.5	60.4	23.9	60.4	24.2	60.2	25.0
		-11.8	-13.0	64.5	22.8	64.4	23.5	64.2	24.2	64.1	24.5	64.1	24.9	63.9	25.6
		-9.8	-11.0	68.2	23.5	68.1	24.2	67.9	24.8	67.8	25.1	67.8	25.4	67.6	26.1
		-9.5	-10.0	70.1	23.8	69.9	24.5	69.8	25.1	69.7	25.4	69.6	25.7	69.5	26.3
		-8.5	-9.1	71.7	24.1	71.6	24.7	71.4	25.3	71.4	25.6	71.3	25.9	69.7	25.7
		-7.0	-7.6	74.5	24.5	74.4	25.1	74.2	25.7	74.2	26.0	74.1	26.3	69.7	24.5
		-5.0	-5.6	78.2	25.0	78.1	25.6	77.9	26.1	77.4	26.2	74.9	25.2	69.7	23.1
		-3.0	-3.7	81.7	25.5	81.6	26.0	80.0	25.8	77.4	24.8	74.9	23.8	69.7	22.0
		0.0	-0.7	87.3	26.1	85.1	25.6	80.0	23.8	77.4	22.9	74.9	22.0	69.7	20.3
		3.0	2.2	90.3	25.6	85.1	23.8	80.0	22.2	77.4	21.4	74.9	20.6	69.7	19.0
		5.0	4.1	90.3	24.4	85.1	22.8	80.0	21.2	77.4	20.5	74.9	19.7	69.7	18.2
		7.0	6.0	90.3	23.4	85.1	21.9	80.0	20.4	77.4	19.6	74.9	18.9	69.7	17.5
		9.0	7.9	90.3	22.5	85.1	21.0	80.0	19.6	77.4	18.9	74.9	18.2	69.7	16.8
		11.0	9.8	90.3	21.6	85.1	20.2	80.0	18.8	77.4	18.2	74.9	17.5	69.7	16.2
		13.0	11.8	90.3	20.8	85.1	19.4	80.0	18.1	77.4	17.5	74.9	16.9	69.7	15.6
		15.0	13.7	90.3	20.0	85.1	18.8	80.0	17.5	77.4	16.9	74.9	16.3	69.7	15.1
70%	560	-19.8	-20.0	51.2	21.6	51.1	22.3	51.0	23.1	50.9	23.4	50.8	23.8	50.7	24.5
		-18.8	-19.0	53.1	22.0	52.9	22.8	52.8	23.5	52.7	23.8	52.7	24.2	52.6	24.9
		-16.7	-17.0	56.8	22.9	56.6	23.6	56.5	24.2	56.5	24.6	56.4	24.9	56.3	25.6
		-13.7	-15.0	60.5	23.7	60.3	24.3	60.2	24.9	60.2	25.2	60.1	25.6	60.0	26.2
		-11.8	-13.0	64.2	24.3	64.1	24.9	63.9	25.5	63.9	25.8	63.8	26.1	61.0	25.0
		-9.8	-11.0	67.9	24.9	67.8	25.5	67.6	26.0	67.6	26.3	65.5	25.4	61.0	23.3
		-9.5	-10.0	69.7	25.2	69.6	25.7	69.5	26.3	67.8	25.6	65.5	24.6	61.0	22.6
		-8.5	-9.1	71.4	25.4	71.3	26.0	70.0	25.8	67.8	24.8	65.5	23.9	61.0	22.0
		-7.0	-7.6	74.2	25.8	74.1	26.3	70.0	24.6	67.8	23.7	65.5	22.8	61.0	21.0
		-5.0	-5.6	77.9	26.2	74.5	25.0	70.0	23.2	67.8	22.4	65.5	21.5	61.0	19.9
		-3.0	-3.7	79.0	25.4	74.5	23.7	70.0	22.1	67.8	21.2	65.5	20.5	61.0	18.9
		0.0	-0.7	79.0	23.5	74.5	21.9	70.0	20.4	67.8	19.7	65.5	19.0	61.0	17.5
		3.0	2.2	79.0	21.9	74.5	20.5	70.0	19.1	67.8	18.4	65.5	17.7	61.0	16.4
		5.0	4.1	79.0	20.9	74.5	19.6	70.0	18.3	67.8	17.6	65.5	17.0	61.0	15.8
		7.0	6.0	79.0	20.1	74.5	18.8	70.0	17.6	67.8	17.0	65.5	16.3	61.0	15.2
		9.0	7.9	79.0	19.3	74.5	18.1	70.0	16.9	67.8	16.3	65.5	15.7	61.0	14.6
		11.0	9.8	79.0	18.6	74.5	17.4	70.0	16.3	67.8	15.7	65.5	15.2	61.0	14.1
		13.0	11.8	79.0	17.9	74.5	16.8	70.0	15.7	67.8	15.2	65.5	14.6	61.0	13.6
		15.0	13.7	79.0	17.3	74.5	16.2	70.0	15.2	67.8	14.7	65.5	14.2	61.0	13.2
60%	480	-19.8	-20.0	50.9	23.4	50.8	24.1	50.7	24.7	50.6	25.0	50.6	25.4	50.5	26.0
		-18.8	-19.0	52.7	23.8	52.6	24.5	52.5	25.1	52.5	25.4	52.4	25.7	52.3	26.3
		-16.7	-17.0	56.5	24.6	56.3	25.2	56.2	25.7	56.2	26.0	56.1	26.3	52.3	24.2
		-13.7	-15.0	60.2	25.2	60.1	25.8	60.0	26.3	58.1	25.4	56.1	24.4	52.3	22.4
		-11.8	-13.0	63.9	25.8	63.8	26.3	60.0	24.5	58.1	23.6	56.1	22.7	52.3	20.9
		-9.8	-11.0	67.6	26.3	63.9	24.6	60.0	22.9	58.1	22.1	56.1	21.2	52.3	19.6
		-9.5	-10.0	67.7	25.5	63.9	23.8	60.0	22.2	58.1	21.4	56.1	20.6	52.3	19.0
		-8.5	-9.1	67.7	24.8	63.9	23.2	60.0	21.6	58.1	20.8	56.1	20.0	52.3	18.5
		-7.0	-7.6	67.7	23.7	63.9	22.1	60.0	20.6	58.1	19.9	56.1	19.1	52.3	17.7
		-5.0	-5.6	67.7	22.4	63.9	20.9	60.0	19.5	58.1	18.8	56.1	18.1	52.3	16.8
		-3.0	-3.7	67.7	21.2	63.9	19.9	60.0	18.5	58.1	17.9	56.1	17.2	52.3	16.0
		0.0	-0.7	67.7	19.7	63.9	18.4	60.0	17.2	58.1	16.6	56.1	16.0	52.3	14.9
		3.0	2.2	67.7	18.4	63.9	17.2	60.0	16.1	58.1	15.6	56.1	15.0	52.3	14.0
		5.0	4.1	67.7	17.6	63.9	16.5	60.0	15.5	58.1	15.0	56.1	14.4	52.3	13.4
		7.0	6.0	67.7	16.9	63.9	15.9	60.0	14.9	58.1	14.4	56.1	13.9	52.3	12.9
		9.0	7.9	67.7	16.3	63.9	15.3	60.0	14.4	58.1	13.9	56.1	13.4	52.3	12.5
		11.0	9.8	67.7	15.7	63.9	14.8	60.0	13.9	58.1	13.4	56.1	13.0	52.3	12.1
		13.0	11.8	67.7	15.2	63.9	14.3	60.0	13.4	58.1	12.9	56.1	12.5	52.3	11.7
		15.0	13.7	67.7	14.7	63.9	13.8	60.0	13.0	58.1	12.5	56.1	12.1	52.3	11.3
50%	400	-19.8	-20.0	50.6	25.3	50.5	25.8	50.0	26.1	48.4	25.1	46.8	24.1	43.6	22.2
		-18.8	-19.0	52.4	25.7	52.3	26.2	50.0	24.9	48.4	24.0	46.8	23.1	43.6	21.3
		-16.7	-17.0	56.1	26.3	53.2	24.7	50.0	23.0	48.4	22.1	46.8	21.3	43.6	19.6
		-13.7	-15.0	56.4	24.5	53.2	22.9	50.0	21.3	48.4	20.5	46.8	19.8	43.6	18.3
		-11.8	-13.0	56.4	22.8	53.2	21.3	50.0	19.9	48.4	19.2	46.8	18.5	43.6	17.1
		-9.8	-11.0	56.4	21.3	53.2	20.0	50.0	18.6	48.4	18.0	46.8	17.3	43.6	16.0
		-9.5	-10.0	56.4	20.7	53.2	19.4	50.0	18.1	48.4	17.4	46.8	16.8	43.6	15.6
		-8.5	-9.1	56.4	20.1	53.2	18.8	50.0	17.6	48.4	17.0	46.8	16.4	43.6	15.2
		-7.0	-7.6	56.4	19.2	53.2	18.0	50.0	16.9	48.4	16.3	46.8	15.7	43.6	14.6
		-5.0	-5.6	56.4	18.2	53.2	17.1	50.0	16.0	48.4	15.4	46.8	14.9	43.6	13.8
		-3.0	-3.7	56.4	17.3	53.2	16.3	50.0	15.2	48.4	14.7	46.8	14.2	43.6	13.2
		0.0	-0.7	56.4	16.1	53.2	15.1	50.0	14.2	48.4	13.7	46.8	13.3	43.6	12.3
		3.0	2.2	56.4	15.1	53.2	14.2	50.0	13.3	48.4	12.9	46.8	12.5	43.6	11.6
		5.0	4.1	56.4	14.5	53.2	13.7	50.0	12.8	48.4	12.4	46.8	12.0	43.6	11.2
		7.0	6.0	56.4	14.0	53.2	13.2	50.0	12.4	48.4	12.0	46.8	11.6	43.6	10.8
		9.0	7.9	56.4	13.5	53.2	12.7	50.0	11.9	48.4	11.6	46.8	11.2	43.6	10.5
		11.0	9.8	56.4	13.0	53.2	12.3	50.0	11.6	48.4	11.2	46.8	10.8	43.6	10.1
		13.0	11.8	56.4	12.6	53.2	11.9	50.0	11.2	48.4	10.8	46.8	10.5	43.6	9.81
		15.0	13.7	56.4	12.2	53.2	11.5	50.0	10.8	48.4	10.5	46.8	10.2	43.6	9.53

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

34HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,105	-19.8	-20.0	62.8	13.7	62.5	15.1	62.3	16.4	62.1	17.1	62.0	17.8	61.8	19.1
		-18.8	-19.0	64.8	14.5	64.5	15.8	64.3	17.1	64.1	17.8	64.0	18.4	63.8	19.8
		-16.7	-17.0	68.7	15.9	68.5	17.2	68.2	18.4	68.1	19.0	68.0	19.6	67.7	20.9
		-13.7	-15.0	72.7	17.2	72.5	18.4	72.2	19.5	72.1	20.1	72.0	20.7	71.7	21.8
		-11.8	-13.0	76.7	18.3	76.4	19.4	76.2	20.5	76.1	21.1	76.0	21.6	75.7	22.7
		-9.8	-11.0	80.7	19.3	80.4	20.4	80.2	21.4	80.1	21.9	79.9	22.4	79.7	23.5
		-9.5	-10.0	82.7	19.8	82.4	20.8	82.2	21.8	82.0	22.3	81.9	22.8	81.7	23.8
		-8.5	-9.1	84.4	20.2	84.2	21.2	84.0	22.2	83.8	22.7	83.7	23.2	83.5	24.1
		-7.0	-7.6	87.4	20.8	87.2	21.8	86.9	22.7	86.8	23.2	86.7	23.7	86.4	24.6
		-5.0	-5.6	91.4	21.6	91.2	22.5	90.9	23.4	90.8	23.9	90.7	24.3	90.4	25.2
		-3.0	-3.7	95.2	22.3	94.9	23.1	94.7	24.0	94.6	24.4	94.5	24.9	94.2	25.8
		0.0	-0.7	101	23.2	101	24.0	101	24.9	101	25.3	100	25.7	100	26.5
		3.0	2.2	107	24.0	107	24.8	106	25.6	106	26.0	106	26.4	106	27.1
		5.0	4.1	111	24.5	110	25.3	110	26.0	110	26.4	110	26.8	110	27.5
		7.0	6.0	114	25.0	114	25.7	114	26.4	114	26.8	114	27.1	113	27.9
		9.0	7.9	118	25.4	118	26.1	118	26.8	118	27.1	118	27.5	117	28.2
		11.0	9.8	122	25.8	122	26.5	122	27.1	121	27.5	121	27.8	121	28.5
		13.0	11.8	126	26.2	126	26.8	126	27.5	125	27.8	125	28.2	122	27.8
		15.0	13.7	130	26.5	130	27.2	129	27.8	129	28.1	129	28.4	122	26.9
120%	1,020	-19.8	-20.0	62.4	15.6	62.2	16.8	62.0	18.1	61.9	18.7	61.7	19.3	61.5	20.6
		-18.8	-19.0	64.4	16.3	64.2	17.5	64.0	18.7	63.9	19.3	63.7	19.9	63.5	21.1
		-16.7	-17.0	68.4	17.6	68.2	18.7	67.9	19.9	67.8	20.4	67.7	21.0	67.5	22.1
		-13.7	-15.0	72.4	18.8	72.2	19.8	71.9	20.9	71.8	21.4	71.7	22.0	71.5	23.0
		-11.8	-13.0	76.4	19.8	76.1	20.8	75.9	21.8	75.8	22.3	75.7	22.8	75.4	23.8
		-9.8	-11.0	80.3	20.7	80.1	21.7	79.9	22.6	79.8	23.1	79.7	23.6	79.4	24.6
		-9.5	-10.0	82.3	21.2	82.1	22.1	81.9	23.0	81.8	23.5	81.6	24.0	81.4	24.9
		-8.5	-9.1	84.1	21.5	83.9	22.4	83.7	23.4	83.5	23.8	83.4	24.3	83.2	25.2
		-7.0	-7.6	87.1	22.1	86.9	23.0	86.6	23.9	86.5	24.3	86.4	24.7	86.2	25.6
		-5.0	-5.6	91.1	22.8	90.9	23.7	90.6	24.5	90.5	24.9	90.4	25.3	90.2	26.2
		-3.0	-3.7	94.9	23.4	94.6	24.2	94.4	25.1	94.3	25.5	94.2	25.9	93.9	26.7
		0.0	-0.7	101	24.3	101	25.1	100	25.8	100	26.2	100	26.6	99.9	27.3
		3.0	2.2	107	25.1	106	25.8	106	26.5	106	26.9	106	27.2	106	27.9
		5.0	4.1	110	25.5	110	26.2	110	26.9	110	27.2	110	27.6	109	28.3
		7.0	6.0	114	25.9	114	26.6	114	27.3	114	27.6	113	27.9	113	28.5
		9.0	7.9	118	26.3	118	27.0	117	27.6	117	27.9	117	28.3	113	27.4
		11.0	9.8	122	26.7	121	27.3	121	28.0	121	28.3	121	28.6	113	26.3
		13.0	11.8	126	27.1	125	27.7	125	28.3	125	28.6	121	27.5	113	25.3
		15.0	13.7	129	27.4	129	28.0	129	28.6	125	27.7	121	26.6	113	24.4
110%	935	-19.8	-20.0	62.1	17.4	61.9	18.5	61.7	19.7	61.6	20.3	61.5	20.8	61.3	22.0
		-18.8	-19.0	64.1	18.1	63.9	19.2	63.7	20.3	63.6	20.8	63.5	21.4	63.3	22.5
		-16.7	-17.0	68.1	19.3	67.9	20.3	67.6	21.3	67.5	21.9	67.4	22.4	67.2	23.4
		-13.7	-15.0	72.0	20.3	71.8	21.3	71.6	22.3	71.5	22.8	71.4	23.3	71.2	24.2
		-11.8	-13.0	76.0	21.3	75.8	22.2	75.6	23.1	75.5	23.6	75.4	24.1	75.2	25.0
		-9.8	-11.0	80.0	22.1	79.8	23.0	79.6	23.9	79.5	24.3	79.4	24.8	79.2	25.6
		-9.5	-10.0	82.0	22.5	81.8	23.4	81.6	24.2	81.5	24.7	81.4	25.1	81.2	25.9
		-8.5	-9.1	83.8	22.9	83.6	23.7	83.4	24.5	83.3	25.0	83.2	25.4	82.9	26.2
		-7.0	-7.6	86.8	23.4	86.6	24.2	86.3	25.0	86.2	25.4	86.1	25.8	85.9	26.6
		-5.0	-5.6	90.7	24.1	90.5	24.8	90.3	25.6	90.2	26.0	90.1	26.4	89.9	27.1
		-3.0	-3.7	94.5	24.6	94.3	25.4	94.1	26.1	94.0	26.5	93.9	26.8	93.7	27.6
		0.0	-0.7	100	25.4	100	26.1	100	26.8	100	27.2	99.9	27.5	99.7	28.2
		3.0	2.2	106	26.1	106	26.8	106	27.4	106	27.8	106	28.1	104	27.9
		5.0	4.1	110	26.5	110	27.2	110	27.8	110	28.1	109	28.4	104	26.8
		7.0	6.0	114	26.9	114	27.5	113	28.1	113	28.4	111	28.0	104	25.7
		9.0	7.9	118	27.3	117	27.9	117	28.5	115	28.0	111	26.8	104	24.7
		11.0	9.8	121	27.6	121	28.2	119	28.0	115	26.9	111	25.8	104	23.8
		13.0	11.8	125	28.0	125	28.5	119	26.9	115	25.9	111	24.8	104	22.9
		15.0	13.7	129	28.3	126	27.9	119	25.9	115	24.9	111	24.0	104	22.1
100%	850	-19.8	-20.0	61.8	19.2	61.6	20.3	61.4	21.3	61.3	21.8	61.2	22.3	61.0	23.4
		-18.8	-19.0	63.8	19.8	63.6	20.8	63.4	21.8	63.3	22.3	63.2	22.8	63.0	23.9
		-16.7	-17.0	67.7	20.9	67.5	21.9	67.4	22.8	67.3	23.3	67.2	23.8	67.0	24.7
		-13.7	-15.0	71.7	21.9	71.5	22.8	71.3	23.7	71.2	24.1	71.1	24.6	71.0	25.5
		-11.8	-13.0	75.7	22.8	75.5	23.6	75.3	24.4	75.2	24.9	75.1	25.3	74.9	26.1
		-9.8	-11.0	79.7	23.5	79.5	24.3	79.3	25.1	79.2	25.5	79.1	25.9	78.9	26.7
		-9.5	-10.0	81.7	23.9	81.5	24.7	81.3	25.4	81.2	25.8	81.1	26.2	80.9	27.0
		-8.5	-9.1	83.4	24.2	83.3	25.0	83.1	25.7	83.0	26.1	82.9	26.5	82.7	27.2
		-7.0	-7.6	86.4	24.7	86.2	25.4	86.1	26.2	86.0	26.5	85.9	26.9	85.7	27.6
		-5.0	-5.6	90.4	25.3	90.2	26.0	90.0	26.7	89.9	27.0	89.8	27.4	89.7	28.1
		-3.0	-3.7	94.2	25.8	94.0	26.5	93.8	27.1	93.7	27.5	93.6	27.8	93.4	28.5
		0.0	-0.7	100	26.5	100	27.2	99.8	27.8	99.7	28.1	99.6	28.4	94.1	26.7
		3.0	2.2	106	27.2	106	27.8	106	28.4	105	28.3	101	27.1	94.1	24.9
		5.0	4.1	110	27.5	110	28.1	108	28.1	105	27.1	101	26.0	94.1	23.9
		7.0	6.0	113	27.9	113	28.4	108	27.0	105	26.0	101	25.0	94.1	23.0
		9.0	7.9	117	28.2	115	27.9	108	25.9	105	25.0	101	24.0	94.1	22.1
		11.0	9.8	121	28.5	115	26.9	108	25.0	105	24.0	101	23.1	94.1	21.3
		13.0	11.8	122	27.7	115	25.8	108	24.0	105	23.1	101	22.2	94.1	20.5
		15.0	13.7	122	26.7	115	24.9	108	23.2	105	22.3	101	21.5	94.1	19.8
90%	765	-19.8	-20.0	61.4	21.0	61.3	22.0	61.1	22.9	61.0	23.4	60.9	23.9	60.7	24.8
		-18.8	-19.0	63.4	21.6	63.2	22.5	63.1	23.4	63.0	23.9	62.9	24.3	62.7	25.2
		-16.7	-17.0	67.4	22.6	67.2	23.4	67.1	24.3	67.0	24.7	66.9	25.1	66.7	26.0
		-13.7	-15.0	71.4	23.5	71.2	24.3	71.0	25.1	71.0	25.5	70.9	25.9	70.7	26.7
		-11.8	-13.0	75.4	24.2	75.2	25.0	75.0	25.8	74.9	26.1	74.8	26.5	74.7	27.3
		-9.8	-11.0	79.3	24.9	79.2	25.7	79.0	26.4	78.9	26.7	78.8	27.1	78.7	27.8
		-9.5	-10.0	81.3	25.3	81.2	26.0	81.0	26.7	80.9	27.0	80.8	27.4	80.6	28.1
		-8.5	-9.1	83.1	25.5	82.9	26.2	82.8	26.9	82.7	27.2	82.6	27.6	82.4	28.3
		-7.0	-7.6	86.1	26.0	85.9	26.6	85.8	27.3	85.7	27.6	85.6	28.0	84.7	28.2
		-5.0	-5.6	90.1	26.5	89.9	27.1	89.7	27.8	89.6	28.1	89.6	28.4	84.7	26.7
		-3.0	-3.7	93.9	27.0	93.7	27.6	93.5	28.2	93.4	28.5	91.0	27.6	84.7	25.4
		0.0	-0.7	99.8	27.6	99.7	28.2	97.2	27.8	94.1	26.7	91.0	25.6	84.7	23.6
		3.0	2.2	106	28.2	103	27.9	97.2	25.9	94.1	24.9	91.0	24.0	84.7	22.1
		5.0	4.1	109	28.5	103	26.7	97.2	24.8	94.1	23.9	91.0	23.0	84.7	21.2
		7.0	6.0	110	27.5	103	25.7	97.2	23.8	94.1	23.0	91.0	22.1	84.7	20.4
		9.0	7.9	110	26.4	103	24.7	97.2	22.9	94.1	22.1	91.0	21.3	84.7	19.6
		11.0	9.8	110	25.4	103	23.7	97.2	22.1	94.1	21.3	91.0	20.5	84.7	18.9
		13.0	11.8	110	24.5	103	22.9	97.2	21.3	94.1	20.5	91.0	19.7	84.7	18.3
		15.0	13.7	110	23.6	103	22.1	97.2	20.6	94.1	19.8	91.0	19.1	84.7	17.7

3 Capacity tables

3 - 2 Heating capacity tables

34HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	680	-19.8	-20.0	61.1	22.9	60.9	23.7	60.8	24.5	60.7	25.0	60.6	25.4	60.5	26.2
		-18.8	-19.0	63.1	23.4	62.9	24.2	62.8	25.0	62.7	25.4	62.6	25.8	62.5	26.6
		-16.7	-17.0	67.1	24.2	66.9	25.0	66.8	25.8	66.7	26.1	66.6	26.5	66.5	27.3
		-13.7	-15.0	71.0	25.0	70.9	25.7	70.7	26.4	70.7	26.8	70.6	27.2	70.4	27.9
		-11.8	-13.0	75.0	25.7	74.9	26.4	74.7	27.1	74.6	27.4	74.6	27.7	74.4	28.4
		-9.8	-11.0	79.0	26.3	78.8	27.0	78.7	27.6	78.6	27.9	78.5	28.3	75.3	27.1
		-9.5	-10.0	81.0	26.6	80.8	27.2	80.7	27.9	80.6	28.2	80.5	28.5	75.3	26.3
		-8.5	-9.1	82.8	26.9	82.6	27.5	82.5	28.1	82.4	28.4	80.8	27.9	75.3	25.6
		-7.0	-7.6	85.8	27.3	85.6	27.8	85.5	28.4	83.6	27.8	80.8	26.7	75.3	24.6
		-5.0	-5.6	89.7	27.7	89.6	28.3	86.4	27.3	83.6	26.3	80.8	25.3	75.3	23.3
		-3.0	-3.7	93.5	28.2	92.0	28.0	86.4	26.0	83.6	25.0	80.8	24.0	75.3	22.2
		0.0	-0.7	97.5	27.9	92.0	26.0	86.4	24.1	83.6	23.2	80.8	22.4	75.3	20.6
		3.0	2.2	97.5	26.0	92.0	24.3	86.4	22.6	83.6	21.8	80.8	20.9	75.3	19.3
		5.0	4.1	97.5	24.9	92.0	23.3	86.4	21.7	83.6	20.9	80.8	20.1	75.3	18.6
		7.0	6.0	97.5	23.9	92.0	22.4	86.4	20.8	83.6	20.1	80.8	19.3	75.3	17.9
		9.0	7.9	97.5	23.0	92.0	21.5	86.4	20.1	83.6	19.3	80.8	18.6	75.3	17.2
		11.0	9.8	97.5	22.2	92.0	20.7	86.4	19.3	83.6	18.7	80.8	18.0	75.3	16.7
		13.0	11.8	97.5	21.4	92.0	20.0	86.4	18.7	83.6	18.0	80.8	17.4	75.3	16.1
		15.0	13.7	97.5	20.6	92.0	19.3	86.4	18.0	83.6	17.4	80.8	16.8	75.3	15.6
70%	595	-19.8	-20.0	60.8	24.7	60.6	25.4	60.5	26.2	60.4	26.5	60.4	26.9	60.2	27.6
		-18.8	-19.0	62.8	25.1	62.6	25.8	62.5	26.5	62.4	26.9	62.4	27.2	62.2	27.9
		-16.7	-17.0	66.7	25.9	66.6	26.6	66.5	27.2	66.4	27.6	66.3	27.9	65.9	28.3
		-13.7	-15.0	70.7	26.6	70.6	27.2	70.4	27.8	70.4	28.1	70.3	28.5	65.9	26.4
		-11.8	-13.0	74.7	27.2	74.6	27.8	74.4	28.4	73.2	28.0	70.7	26.8	65.9	24.7
		-9.8	-11.0	78.7	27.7	78.5	28.3	75.6	27.3	73.2	26.2	70.7	25.2	65.9	23.2
		-9.5	-10.0	80.7	28.0	80.5	28.5	75.6	26.4	73.2	25.4	70.7	24.5	65.9	22.5
		-8.5	-9.1	82.4	28.2	80.5	27.7	75.6	25.7	73.2	24.8	70.7	23.8	65.9	21.9
		-7.0	-7.6	85.3	28.5	80.5	26.6	75.6	24.7	73.2	23.7	70.7	22.8	65.9	21.1
		-5.0	-5.6	85.3	26.9	80.5	25.1	75.6	23.4	73.2	22.5	70.7	21.6	65.9	20.0
		-3.0	-3.7	85.3	25.6	80.5	23.9	75.6	22.3	73.2	21.4	70.7	20.6	65.9	19.1
		0.0	-0.7	85.3	23.8	80.5	22.2	75.6	20.7	73.2	20.0	70.7	19.2	65.9	17.8
		3.0	2.2	85.3	22.3	80.5	20.8	75.6	19.4	73.2	18.7	70.7	18.0	65.9	16.7
		5.0	4.1	85.3	21.4	80.5	20.0	75.6	18.7	73.2	18.0	70.7	17.4	65.9	16.1
		7.0	6.0	85.3	20.5	80.5	19.2	75.6	18.0	73.2	17.3	70.7	16.7	65.9	15.5
		9.0	7.9	85.3	19.8	80.5	18.5	75.6	17.3	73.2	16.7	70.7	16.1	65.9	15.0
		11.0	9.8	85.3	19.1	80.5	17.9	75.6	16.7	73.2	16.2	70.7	15.6	65.9	14.5
		13.0	11.8	85.3	18.4	80.5	17.3	75.6	16.1	73.2	15.6	70.7	15.1	65.9	14.0
		15.0	13.7	85.3	17.8	80.5	16.7	75.6	15.6	73.2	15.1	70.7	14.6	65.9	13.6
60%	510	-19.8	-20.0	60.4	26.5	60.3	27.2	60.2	27.8	60.1	28.1	60.1	28.4	56.5	26.5
		-18.8	-19.0	62.4	26.9	62.3	27.5	62.2	28.1	62.1	28.4	60.6	27.7	56.5	25.4
		-16.7	-17.0	66.4	27.6	66.3	28.1	64.8	27.8	62.7	26.7	60.6	25.7	56.5	23.6
		-13.7	-15.0	70.4	28.1	69.0	27.9	64.8	25.9	62.7	24.9	60.6	23.9	56.5	22.0
		-11.8	-13.0	73.1	27.9	69.0	26.0	64.8	24.2	62.7	23.3	60.6	22.4	56.5	20.7
		-9.8	-11.0	73.1	26.2	69.0	24.5	64.8	22.8	62.7	21.9	60.6	21.1	56.5	19.5
		-9.5	-10.0	73.1	25.4	69.0	23.7	64.8	22.1	62.7	21.3	60.6	20.5	56.5	18.9
		-8.5	-9.1	73.1	24.8	69.0	23.1	64.8	21.5	62.7	20.7	60.6	20.0	56.5	18.5
		-7.0	-7.6	73.1	23.7	69.0	22.2	64.8	20.7	62.7	19.9	60.6	19.2	56.5	17.7
		-5.0	-5.6	73.1	22.5	69.0	21.0	64.8	19.6	62.7	18.9	60.6	18.2	56.5	16.9
		-3.0	-3.7	73.1	21.4	69.0	20.1	64.8	18.7	62.7	18.1	60.6	17.4	56.5	16.1
		0.0	-0.7	73.1	19.9	69.0	18.7	64.8	17.5	62.7	16.9	60.6	16.3	56.5	15.1
		3.0	2.2	73.1	18.7	69.0	17.6	64.8	16.4	62.7	15.9	60.6	15.3	56.5	14.2
		5.0	4.1	73.1	18.0	69.0	16.9	64.8	15.8	62.7	15.3	60.6	14.7	56.5	13.7
		7.0	6.0	73.1	17.3	69.0	16.3	64.8	15.2	62.7	14.7	60.6	14.2	56.5	13.2
		9.0	7.9	73.1	16.7	69.0	15.7	64.8	14.7	62.7	14.2	60.6	13.7	56.5	12.8
		11.0	9.8	73.1	16.1	69.0	15.2	64.8	14.2	62.7	13.8	60.6	13.3	56.5	12.4
		13.0	11.8	73.1	15.6	69.0	14.7	64.8	13.8	62.7	13.3	60.6	12.9	56.5	12.0
		15.0	13.7	73.1	15.1	69.0	14.2	64.8	13.3	62.7	12.9	60.6	12.5	56.5	11.6
50%	425	-19.8	-20.0	60.1	28.4	57.5	27.0	54.0	25.1	52.3	24.1	50.5	23.2	47.1	21.4
		-18.8	-19.0	60.9	27.8	57.5	26.0	54.0	24.1	52.3	23.2	50.5	22.3	47.1	20.6
		-16.7	-17.0	60.9	25.8	57.5	24.1	54.0	22.4	52.3	21.6	50.5	20.8	47.1	19.2
		-13.7	-15.0	60.9	24.1	57.5	22.5	54.0	20.9	52.3	20.2	50.5	19.4	47.1	18.0
		-11.8	-13.0	60.9	22.5	57.5	21.1	54.0	19.7	52.3	19.0	50.5	18.3	47.1	16.9
		-9.8	-11.0	60.9	21.2	57.5	19.9	54.0	18.5	52.3	17.9	50.5	17.2	47.1	16.0
		-9.5	-10.0	60.9	20.6	57.5	19.3	54.0	18.0	52.3	17.4	50.5	16.8	47.1	15.5
		-8.5	-9.1	60.9	20.1	57.5	18.8	54.0	17.6	52.3	17.0	50.5	16.4	47.1	15.2
		-7.0	-7.6	60.9	19.3	57.5	18.1	54.0	16.9	52.3	16.3	50.5	15.7	47.1	14.6
		-5.0	-5.6	60.9	18.3	57.5	17.2	54.0	16.1	52.3	15.5	50.5	15.0	47.1	13.9
		-3.0	-3.7	60.9	17.5	57.5	16.4	54.0	15.4	52.3	14.9	50.5	14.4	47.1	13.4
		0.0	-0.7	60.9	16.3	57.5	15.4	54.0	14.4	52.3	13.9	50.5	13.5	47.1	12.5
		3.0	2.2	60.9	15.4	57.5	14.5	54.0	13.6	52.3	13.1	50.5	12.7	47.1	11.8
		5.0	4.1	60.9	14.8	57.5	13.9	54.0	13.1	52.3	12.7	50.5	12.3	47.1	11.4
		7.0	6.0	60.9	14.3	57.5	13.5	54.0	12.7	52.3	12.2	50.5	11.9	47.1	11.1
		9.0	7.9	60.9	13.8	57.5	13.0	54.0	12.2	52.3	11.9	50.5	11.5	47.1	10.7
		11.0	9.8	60.9	13.4	57.5	12.6	54.0	11.9	52.3	11.5	50.5	11.1	47.1	10.4
		13.0	11.8	60.9	12.9	57.5	12.2	54.0	11.5	52.3	11.1	50.5	10.8	47.1	10.1
		15.0	13.7	60.9	12.5	57.5	11.8	54.0	11.2	52.3	10.8	50.5	10.5	47.1	9.81

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

36HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,170	-19.8	-20.0	64.3	13.5	64.0	14.9	63.7	16.3	63.6	17.1	63.5	17.8	63.2	19.2
		-18.8	-19.0	66.3	14.3	66.0	15.7	65.8	17.1	65.7	17.8	65.5	18.5	65.3	19.9
		-16.7	-17.0	70.4	15.8	70.1	17.1	69.9	18.4	69.7	19.1	69.6	19.7	69.3	21.0
		-13.7	-15.0	74.5	17.2	74.2	18.4	74.0	19.6	73.8	20.2	73.7	20.8	73.4	22.1
		-11.8	-13.0	78.6	18.4	78.3	19.5	78.0	20.7	77.9	21.2	77.8	21.8	77.5	23.0
		-9.8	-11.0	82.6	19.4	82.4	20.5	82.1	21.6	82.0	22.2	81.9	22.7	81.6	23.8
		-9.5	-10.0	84.7	19.9	84.4	21.0	84.2	22.1	84.0	22.6	83.9	23.1	83.6	24.2
		-8.5	-9.1	86.5	20.3	86.3	21.4	86.0	22.4	85.9	22.9	85.7	23.5	85.5	24.5
		-7.0	-7.6	89.6	21.0	89.3	22.0	89.1	23.0	88.9	23.5	88.8	24.0	88.5	25.0
		-5.0	-5.6	93.7	21.8	93.4	22.8	93.2	23.7	93.0	24.2	92.9	24.7	92.6	25.7
		-3.0	-3.7	97.5	22.5	97.3	23.4	97.0	24.4	96.9	24.8	96.8	25.3	96.5	26.2
		0.0	-0.7	104	23.5	103	24.4	103	25.3	103	25.7	103	26.1	103	27.0
		3.0	2.2	110	24.4	109	25.2	109	26.0	109	26.4	109	26.8	109	27.7
		5.0	4.1	113	24.9	113	25.7	113	26.5	113	26.9	113	27.3	112	28.1
		7.0	6.0	117	25.4	117	26.2	117	26.9	117	27.3	117	27.7	116	28.4
		9.0	7.9	121	25.8	121	26.6	121	27.3	121	27.7	120	28.1	120	28.8
		11.0	9.8	125	26.3	125	27.0	125	27.7	124	28.0	124	28.4	124	29.1
		13.0	11.8	129	26.7	129	27.4	129	28.1	129	28.4	128	28.8	128	29.4
		15.0	13.7	133	27.1	133	27.7	133	28.4	132	28.7	132	29.1	128	28.3
120%	1,080	-19.8	-20.0	63.9	15.4	63.7	16.7	63.4	18.1	63.3	18.7	63.2	19.4	63.0	20.7
		-18.8	-19.0	65.9	16.2	65.7	17.5	65.5	18.7	65.4	19.4	65.2	20.0	65.0	21.3
		-16.7	-17.0	70.0	17.6	69.8	18.8	69.6	20.0	69.4	20.6	69.3	21.2	69.1	22.4
		-13.7	-15.0	74.1	18.8	73.9	19.9	73.6	21.1	73.5	21.6	73.4	22.2	73.2	23.3
		-11.8	-13.0	78.2	19.9	78.0	21.0	77.7	22.1	77.6	22.6	77.5	23.1	77.2	24.2
		-9.8	-11.0	82.3	20.9	82.1	21.9	81.8	22.9	81.7	23.4	81.6	23.9	81.3	24.9
		-9.5	-10.0	84.3	21.4	84.1	22.3	83.9	23.3	83.7	23.8	83.6	24.3	83.4	25.3
		-8.5	-9.1	86.2	21.7	85.9	22.7	85.7	23.7	85.6	24.2	85.5	24.6	85.2	25.6
		-7.0	-7.6	89.2	22.4	89.0	23.3	88.8	24.2	88.6	24.7	88.5	25.2	88.3	26.1
		-5.0	-5.6	93.3	23.1	93.1	24.0	92.8	24.9	92.7	25.3	92.6	25.8	92.4	26.7
		-3.0	-3.7	97.2	23.8	97.0	24.6	96.7	25.5	96.6	25.9	96.5	26.3	96.2	27.2
		0.0	-0.7	103	24.7	103	25.5	103	26.3	103	26.7	103	27.1	102	27.9
		3.0	2.2	109	25.5	109	26.3	109	27.0	109	27.4	109	27.8	108	28.5
		5.0	4.1	113	26.0	113	26.7	113	27.4	113	27.8	112	28.2	112	28.9
		7.0	6.0	117	26.4	117	27.1	117	27.8	116	28.2	116	28.5	116	29.2
		9.0	7.9	121	26.8	121	27.5	120	28.2	120	28.5	120	28.9	118	28.9
		11.0	9.8	125	27.2	125	27.9	124	28.5	124	28.9	124	29.2	118	27.8
		13.0	11.8	129	27.6	129	28.3	128	28.9	128	29.2	127	29.1	118	26.7
		15.0	13.7	133	28.0	133	28.6	132	29.2	131	29.2	127	28.0	118	25.8
110%	990	-19.8	-20.0	63.6	17.4	63.3	18.6	63.1	19.8	63.0	20.4	62.9	21.0	62.7	22.2
		-18.8	-19.0	65.6	18.1	65.4	19.2	65.2	20.4	65.1	21.0	64.9	21.6	64.7	22.7
		-16.7	-17.0	69.7	19.3	69.5	20.4	69.2	21.5	69.1	22.1	69.0	22.6	68.8	23.7
		-13.7	-15.0	73.8	20.5	73.6	21.5	73.3	22.5	73.2	23.1	73.1	23.6	72.9	24.6
		-11.8	-13.0	77.9	21.5	77.6	22.5	77.4	23.4	77.3	23.9	77.2	24.4	77.0	25.4
		-9.8	-11.0	81.9	22.4	81.7	23.3	81.5	24.2	81.4	24.7	81.3	25.2	81.1	26.1
		-9.5	-10.0	84.0	22.8	83.8	23.7	83.5	24.6	83.4	25.1	83.3	25.5	83.1	26.4
		-8.5	-9.1	85.8	23.2	85.6	24.0	85.4	24.9	85.3	25.4	85.2	25.8	84.9	26.7
		-7.0	-7.6	88.9	23.7	88.7	24.6	88.4	25.4	88.3	25.9	88.2	26.3	88.0	27.1
		-5.0	-5.6	93.0	24.4	92.8	25.2	92.5	26.0	92.4	26.4	92.3	26.9	92.1	27.7
		-3.0	-3.7	96.9	25.0	96.6	25.8	96.4	26.6	96.3	27.0	96.2	27.4	96.0	28.1
		0.0	-0.7	103	25.9	103	26.6	103	27.3	102	27.7	102	28.1	102	28.8
		3.0	2.2	109	26.6	109	27.3	108	28.0	108	28.3	108	28.7	108	29.4
		5.0	4.1	113	27.0	113	27.7	112	28.4	112	28.7	112	29.0	108	28.2
		7.0	6.0	117	27.5	116	28.1	116	28.7	116	29.1	116	29.4	108	27.1
		9.0	7.9	121	27.8	120	28.5	120	29.1	120	29.4	116	28.3	108	26.1
		11.0	9.8	124	28.2	124	28.8	124	29.4	120	28.4	116	27.3	108	25.1
		13.0	11.8	129	28.5	128	29.1	124	28.4	120	27.3	116	26.2	108	24.1
		15.0	13.7	132	28.9	132	29.4	124	27.4	120	26.3	116	25.3	108	23.3
100%	900	-19.8	-20.0	63.2	19.3	63.0	20.4	62.8	21.5	62.7	22.0	62.6	22.6	62.4	23.7
		-18.8	-19.0	65.2	19.9	65.1	21.0	64.9	22.1	64.8	22.6	64.7	23.1	64.5	24.2
		-16.7	-17.0	69.3	21.1	69.1	22.1	68.9	23.1	68.8	23.6	68.7	24.1	68.5	25.1
		-13.7	-15.0	73.4	22.1	73.2	23.1	73.0	24.0	72.9	24.5	72.8	24.9	72.6	25.9
		-11.8	-13.0	77.5	23.0	77.3	23.9	77.1	24.8	77.0	25.3	76.9	25.7	76.7	26.6
		-9.8	-11.0	81.6	23.9	81.4	24.7	81.2	25.5	81.1	26.0	81.0	26.4	80.8	27.2
		-9.5	-10.0	83.6	24.2	83.4	25.1	83.2	25.9	83.1	26.3	83.0	26.7	82.8	27.5
		-8.5	-9.1	85.5	24.6	85.3	25.4	85.1	26.2	85.0	26.6	84.9	27.0	84.7	27.8
		-7.0	-7.6	88.5	25.1	88.3	25.9	88.1	26.6	88.0	27.0	87.9	27.4	87.7	28.2
		-5.0	-5.6	92.6	25.7	92.4	26.5	92.2	27.2	92.1	27.6	92.0	27.9	91.8	28.7
		-3.0	-3.7	96.5	26.3	96.3	27.0	96.1	27.7	96.0	28.0	95.9	28.4	95.7	29.1
		0.0	-0.7	103	27.0	102	27.7	102	28.4	102	28.7	102	29.0	98.5	28.2
		3.0	2.2	109	27.7	108	28.3	108	29.0	108	29.3	106	28.7	98.5	26.3
		5.0	4.1	112	28.1	112	28.7	112	29.3	109	28.6	106	27.4	98.5	25.2
		7.0	6.0	116	28.5	116	29.1	113	28.5	109	27.4	106	26.3	98.5	24.2
		9.0	7.9	120	28.8	120	29.4	113	27.4	109	26.3	106	25.3	98.5	23.3
		11.0	9.8	124	29.2	120	28.4	113	26.3	109	25.4	106	24.4	98.5	22.5
		13.0	11.8	128	29.2	120	27.3	113	25.3	109	24.4	106	23.5	98.5	21.7
		15.0	13.7	128	28.2	120	26.3	113	24.5	109	23.6	106	22.7	98.5	20.9
90%	810	-19.8	-20.0	62.9	21.2	62.7	22.2	62.5	23.2	62.4	23.7	62.3	24.2	62.1	25.2
		-18.8	-19.0	64.9	21.8	64.7	22.8	64.5	23.7	64.5	24.2	64.4	24.7	64.2	25.6
		-16.7	-17.0	69.0	22.8	68.8	23.7	68.6	24.6	68.5	25.1	68.4	25.5	68.3	26.4
		-13.7	-15.0	73.1	23.8	72.9	24.6	72.7	25.5	72.6	25.9	72.5	26.3	72.4	27.2
		-11.8	-13.0	77.2	24.6	77.0	25.4	76.8	26.2	76.7	26.6	76.6	27.0	76.4	27.8
		-9.8	-11.0	81.2	25.3	81.1	26.1	80.9	26.9	80.8	27.2	80.7	27.6	80.5	28.4
		-9.5	-10.0	83.3	25.7	83.1	26.4	82.9	27.2	82.8	27.5	82.7	27.9	82.6	28.6
		-8.5	-9.1	85.1	26.0	84.9	26.7	84.8	27.4	84.7	27.8	84.6	28.2	84.4	28.9
		-7.0	-7.6	88.2	26.4	88.0	27.1	87.8	27.8	87.7	28.2	87.6	28.5	87.5	29.2
		-5.0	-5.6	92.3	27.0	92.1	27.7	91.9	28.3	91.8	28.7	91.7	29.0	88.6	28.2
		-3.0	-3.7	96.2	27.5	96.0	28.1	95.8	28.8	95.7	29.1	95.2	29.2	88.6	26.8
		0.0	-0.7	102	28.2	102	28.8	102	29.3	98.4	28.2	95.2	27.1	88.6	24.9
		3.0	2.2	108	28.8	108	29.4	102	27.4	98.4	26.3	95.2	25.3	88.6	23.3
		5.0	4.1	112	29.2	108	28.2	102	26.2	98.4	25.2	95.2	24.3	88.6	22.4
		7.0	6.0	115	29.0	108	27.1	102	25.2	98.4	24.2	95.2	23.3	88.6	21.5
		9.0	7.9	115	27.9	108	26.0	102	24.2	98.4	23.3	95.2	22.4	88.6	20.7
		11.0	9.8	115	26.8	108	25.1	102	23.3	98.4	22.5	95.2	21.6	88.6	20.0
		13.0	11.8	115	25.8	108	24.1	102	22.5	98.4	21.6	95.2	20.8	88.6	19.3
		15.0	13.7	115	24.9	108	23.3	102	21.7	98.4	20.9	95.2	20.1	88.6	18.6

3 Capacity tables

3 - 2 Heating capacity tables

36HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	720	-19.8	-20.0	62.5	23.2	62.4	24.0	62.2	24.9	62.1	25.4	62.0	25.8	61.9	26.7
		-18.8	-19.0	64.6	23.7	64.4	24.5	64.2	25.4	64.2	25.8	64.1	26.2	63.9	27.1
		-16.7	-17.0	68.6	24.6	68.5	25.4	68.3	26.2	68.2	26.6	68.2	27.0	68.0	27.8
		-13.7	-15.0	72.7	25.4	72.6	26.2	72.4	26.9	72.3	27.3	72.2	27.7	72.1	28.4
		-11.8	-13.0	76.8	26.2	76.6	26.9	76.5	27.6	76.4	27.9	76.3	28.3	76.2	29.0
		-9.8	-11.0	80.9	26.8	80.7	27.5	80.6	28.2	80.5	28.5	80.4	28.8	78.8	28.7
		-9.5	-10.0	82.9	27.1	82.8	27.8	82.6	28.4	82.5	28.8	82.5	29.1	78.8	27.8
		-8.5	-9.1	84.8	27.4	84.6	28.0	84.5	28.7	84.4	29.0	84.3	29.3	78.8	27.1
		-7.0	-7.6	87.8	27.8	87.7	28.4	87.5	29.0	87.4	29.4	84.6	28.2	78.8	25.9
		-5.0	-5.6	91.9	28.3	91.8	28.9	90.4	28.9	87.5	27.8	84.6	26.7	78.8	24.6
		-3.0	-3.7	95.8	28.7	95.6	29.3	90.4	27.5	87.5	26.4	84.6	25.4	78.8	23.4
		0.0	-0.7	102	29.4	96.2	27.4	90.4	25.5	87.5	24.5	84.6	23.6	78.8	21.8
		3.0	2.2	102	27.5	96.2	25.6	90.4	23.8	87.5	23.0	84.6	22.1	78.8	20.4
		5.0	4.1	102	26.3	96.2	24.6	90.4	22.9	87.5	22.0	84.6	21.2	78.8	19.6
		7.0	6.0	102	25.3	96.2	23.6	90.4	22.0	87.5	21.2	84.6	20.4	78.8	18.9
		9.0	7.9	102	24.3	96.2	22.7	90.4	21.2	87.5	20.4	84.6	19.7	78.8	18.2
		11.0	9.8	102	23.4	96.2	21.9	90.4	20.4	87.5	19.7	84.6	19.0	78.8	17.6
		13.0	11.8	102	22.5	96.2	21.1	90.4	19.7	87.5	19.0	84.6	18.3	78.8	17.0
		15.0	13.7	102	21.8	96.2	20.4	90.4	19.0	87.5	18.4	84.6	17.7	78.8	16.4
70%	630	-19.8	-20.0	62.2	25.1	62.0	25.9	61.9	26.6	61.8	27.0	61.7	27.4	61.6	28.2
		-18.8	-19.0	64.2	25.5	64.1	26.3	63.9	27.0	63.9	27.4	63.8	27.8	63.6	28.5
		-16.7	-17.0	68.3	26.4	68.1	27.1	68.0	27.8	67.9	28.1	67.9	28.5	67.7	29.2
		-13.7	-15.0	72.4	27.1	72.2	27.7	72.1	28.4	72.0	28.7	72.0	29.1	68.9	27.9
		-11.8	-13.0	76.5	27.7	76.3	28.3	76.2	29.0	76.1	29.3	74.0	28.4	68.9	26.1
		-9.8	-11.0	80.5	28.3	80.4	28.9	79.1	28.8	76.6	27.7	74.0	26.6	68.9	24.5
		-9.5	-10.0	82.6	28.6	82.4	29.1	79.1	27.9	76.6	26.9	74.0	25.8	68.9	23.8
		-8.5	-9.1	84.4	28.8	84.2	29.3	79.1	27.2	76.6	26.2	74.0	25.2	68.9	23.2
		-7.0	-7.6	87.5	29.2	84.2	28.1	79.1	26.1	76.6	25.1	74.0	24.1	68.9	22.2
		-5.0	-5.6	89.3	28.5	84.2	26.5	79.1	24.7	76.6	23.8	74.0	22.9	68.9	21.1
		-3.0	-3.7	89.3	27.1	84.2	25.3	79.1	23.5	76.6	22.6	74.0	21.8	68.9	20.1
		0.0	-0.7	89.3	25.1	84.2	23.5	79.1	21.9	76.6	21.1	74.0	20.3	68.9	18.8
		3.0	2.2	89.3	23.5	84.2	22.0	79.1	20.5	76.6	19.8	74.0	19.1	68.9	17.6
		5.0	4.1	89.3	22.5	84.2	21.1	79.1	19.7	76.6	19.0	74.0	18.3	68.9	17.0
		7.0	6.0	89.3	21.7	84.2	20.3	79.1	19.0	76.6	18.3	74.0	17.6	68.9	16.4
		9.0	7.9	89.3	20.9	84.2	19.6	79.1	18.3	76.6	17.6	74.0	17.0	68.9	15.8
		11.0	9.8	89.3	20.1	84.2	18.9	79.1	17.7	76.6	17.0	74.0	16.5	68.9	15.3
		13.0	11.8	89.3	19.4	84.2	18.2	79.1	17.0	76.6	16.5	74.0	15.9	68.9	14.8
		15.0	13.7	89.3	18.8	84.2	17.6	79.1	16.5	76.6	15.9	74.0	15.4	68.9	14.3
60%	540	-19.8	-20.0	61.8	27.0	61.7	27.7	61.6	28.3	61.5	28.7	61.5	29.0	59.1	28.0
		-18.8	-19.0	63.9	27.4	63.7	28.0	63.6	28.7	63.6	29.0	63.4	29.3	59.1	26.9
		-16.7	-17.0	67.9	28.1	67.8	28.7	67.7	29.3	65.6	28.3	63.4	27.1	59.1	25.0
		-13.7	-15.0	72.0	28.7	71.9	29.3	67.8	27.3	65.6	26.3	63.4	25.3	59.1	23.3
		-11.8	-13.0	76.1	29.3	72.2	27.5	67.8	25.6	65.6	24.6	63.4	23.7	59.1	21.8
		-9.8	-11.0	76.5	27.7	72.2	25.8	67.8	24.0	65.6	23.2	63.4	22.3	59.1	20.6
		-9.5	-10.0	76.5	26.9	72.2	25.1	67.8	23.3	65.6	22.5	63.4	21.6	59.1	20.0
		-8.5	-9.1	76.5	26.2	72.2	24.4	67.8	22.8	65.6	21.9	63.4	21.1	59.1	19.5
		-7.0	-7.6	76.5	25.1	72.2	23.4	67.8	21.8	65.6	21.0	63.4	20.3	59.1	18.7
		-5.0	-5.6	76.5	23.8	72.2	22.2	67.8	20.7	65.6	20.0	63.4	19.2	59.1	17.8
		-3.0	-3.7	76.5	22.6	72.2	21.2	67.8	19.8	65.6	19.1	63.4	18.4	59.1	17.0
		0.0	-0.7	76.5	21.1	72.2	19.7	67.8	18.4	65.6	17.8	63.4	17.2	59.1	15.9
		3.0	2.2	76.5	19.8	72.2	18.5	67.8	17.3	65.6	16.7	63.4	16.2	59.1	15.0
		5.0	4.1	76.5	19.0	72.2	17.8	67.8	16.7	65.6	16.1	63.4	15.6	59.1	14.5
		7.0	6.0	76.5	18.3	72.2	17.2	67.8	16.1	65.6	15.5	63.4	15.0	59.1	14.0
		9.0	7.9	76.5	17.6	72.2	16.6	67.8	15.5	65.6	15.0	63.4	14.5	59.1	13.5
		11.0	9.8	76.5	17.0	72.2	16.0	67.8	15.0	65.6	14.5	63.4	14.0	59.1	13.1
		13.0	11.8	76.5	16.5	72.2	15.5	67.8	14.5	65.6	14.0	63.4	13.6	59.1	12.7
		15.0	13.7	76.5	15.9	72.2	15.0	67.8	14.1	65.6	13.6	63.4	13.2	59.1	12.3
50%	450	-19.8	-20.0	61.5	29.0	60.1	28.6	56.5	26.6	54.7	25.6	52.9	24.6	49.2	22.6
		-18.8	-19.0	63.5	29.3	60.1	27.5	56.5	25.5	54.7	24.6	52.9	23.6	49.2	21.8
		-16.7	-17.0	63.8	27.3	60.1	25.5	56.5	23.7	54.7	22.8	52.9	22.0	49.2	20.3
		-13.7	-15.0	63.8	25.4	60.1	23.8	56.5	22.1	54.7	21.3	52.9	20.6	49.2	19.0
		-11.8	-13.0	63.8	23.8	60.1	22.3	56.5	20.8	54.7	20.0	52.9	19.3	49.2	17.9
		-9.8	-11.0	63.8	22.4	60.1	21.0	56.5	19.6	54.7	18.9	52.9	18.2	49.2	16.9
		-9.5	-10.0	63.8	21.8	60.1	20.4	56.5	19.0	54.7	18.4	52.9	17.7	49.2	16.4
		-8.5	-9.1	63.8	21.2	60.1	19.9	56.5	18.6	54.7	17.9	52.9	17.3	49.2	16.0
		-7.0	-7.6	63.8	20.4	60.1	19.1	56.5	17.9	54.7	17.2	52.9	16.6	49.2	15.4
		-5.0	-5.6	63.8	19.4	60.1	18.2	56.5	17.0	54.7	16.4	52.9	15.8	49.2	14.7
		-3.0	-3.7	63.8	18.5	60.1	17.4	56.5	16.2	54.7	15.7	52.9	15.2	49.2	14.1
		0.0	-0.7	63.8	17.3	60.1	16.2	56.5	15.2	54.7	14.7	52.9	14.2	49.2	13.2
		3.0	2.2	63.8	16.2	60.1	15.3	56.5	14.3	54.7	13.9	52.9	13.4	49.2	12.5
		5.0	4.1	63.8	15.6	60.1	14.7	56.5	13.8	54.7	13.4	52.9	12.9	49.2	12.1
		7.0	6.0	63.8	15.1	60.1	14.2	56.5	13.4	54.7	12.9	52.9	12.5	49.2	11.7
		9.0	7.9	63.8	14.6	60.1	13.7	56.5	12.9	54.7	12.5	52.9	12.1	49.2	11.3
		11.0	9.8	63.8	14.1	60.1	13.3	56.5	12.5	54.7	12.1	52.9	11.7	49.2	11.0
		13.0	11.8	63.8	13.6	60.1	12.9	56.5	12.1	54.7	11.7	52.9	11.4	49.2	10.6
		15.0	13.7	63.8	13.2	60.1	12.5	56.5	11.8	54.7	11.4	52.9	11.1	49.2	10.3

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

38HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,235	-19.8	-20.0	67.9	14.4	67.6	15.9	67.4	17.4	67.2	18.2	67.1	18.9	66.8	20.4
		-18.8	-19.0	70.1	15.3	69.8	16.7	69.5	18.2	69.4	18.9	69.2	19.6	69.0	21.1
		-16.7	-17.0	74.4	16.8	74.1	18.2	73.8	19.6	73.7	20.3	73.5	21.0	73.3	22.3
		-13.7	-15.0	78.7	18.3	78.4	19.5	78.1	20.8	78.0	21.5	77.8	22.1	77.6	23.4
		-11.8	-13.0	83.0	19.5	82.7	20.7	82.4	21.9	82.3	22.6	82.1	23.2	81.9	24.4
		-9.8	-11.0	87.3	20.6	87.0	21.8	86.7	22.9	86.6	23.5	86.5	24.1	86.2	25.3
		-9.5	-10.0	89.4	21.1	89.1	22.3	88.9	23.4	88.7	24.0	88.6	24.5	88.3	25.7
		-8.5	-9.1	91.4	21.6	91.1	22.7	90.8	23.8	90.7	24.3	90.5	24.9	90.3	26.0
		-7.0	-7.6	94.6	22.3	94.3	23.4	94.0	24.4	93.9	24.9	93.8	25.5	93.5	26.5
		-5.0	-5.6	98.9	23.1	98.6	24.2	98.3	25.2	98.2	25.7	98.1	26.2	97.8	27.2
		-3.0	-3.7	103	23.9	103	24.9	102	25.8	102	26.3	102	26.8	102	27.8
		0.0	-0.7	109	25.0	109	25.9	109	26.8	109	27.2	109	27.7	108	28.6
		3.0	2.2	116	25.9	115	26.7	115	27.6	115	28.0	115	28.5	115	29.3
		5.0	4.1	120	26.4	119	27.2	119	28.1	119	28.5	119	28.9	119	29.7
		7.0	6.0	124	26.9	124	27.7	123	28.5	123	28.9	123	29.3	123	30.1
		9.0	7.9	128	27.4	128	28.2	127	28.9	127	29.3	127	29.7	127	30.5
		11.0	9.8	132	27.8	132	28.6	131	29.3	131	29.7	131	30.1	131	30.8
		13.0	11.8	136	28.3	136	29.0	136	29.7	136	30.1	135	30.5	135	31.0
		15.0	13.7	140	28.7	140	29.4	140	30.1	140	30.4	140	30.8	135	29.9
120%	1,140	-19.8	-20.0	67.5	16.4	67.3	17.8	67.0	19.2	66.9	19.9	66.8	20.6	66.5	22.0
		-18.8	-19.0	69.7	17.2	69.4	18.6	69.2	19.9	69.1	20.6	68.9	21.3	68.7	22.6
		-16.7	-17.0	74.0	18.7	73.7	20.0	73.5	21.2	73.4	21.9	73.2	22.5	73.0	23.8
		-13.7	-15.0	78.3	20.0	78.0	21.2	77.8	22.4	77.7	23.0	77.5	23.6	77.3	24.8
		-11.8	-13.0	82.6	21.2	82.3	22.3	82.1	23.4	82.0	24.0	81.8	24.5	81.6	25.7
		-9.8	-11.0	86.9	22.2	86.6	23.3	86.4	24.3	86.3	24.9	86.1	25.4	85.9	26.5
		-9.5	-10.0	89.0	22.7	88.8	23.7	88.5	24.7	88.4	25.3	88.3	25.8	88.0	26.8
		-8.5	-9.1	91.0	23.1	90.7	24.1	90.5	25.1	90.4	25.6	90.2	26.1	90.0	27.1
		-7.0	-7.6	94.2	23.7	94.0	24.7	93.7	25.7	93.6	26.2	93.5	26.7	93.2	27.6
		-5.0	-5.6	98.5	24.5	98.3	25.5	98.0	26.4	97.9	26.9	97.8	27.3	97.5	28.3
		-3.0	-3.7	103	25.2	102	26.1	102	27.0	102	27.5	102	27.9	102	28.8
		0.0	-0.7	109	26.2	109	27.0	109	27.9	108	28.3	108	28.7	108	29.6
		3.0	2.2	115	27.0	115	27.8	115	28.6	115	29.0	115	29.4	114	30.2
		5.0	4.1	119	27.5	119	28.3	119	29.1	119	29.5	119	29.8	118	30.6
		7.0	6.0	123	28.0	123	28.7	123	29.5	123	29.9	123	30.2	122	31.0
		9.0	7.9	128	28.4	127	29.2	127	29.9	127	30.2	127	30.6	124	30.5
		11.0	9.8	132	28.9	131	29.5	131	30.2	131	30.6	131	30.9	124	29.3
		13.0	11.8	136	29.3	136	29.9	135	30.6	135	30.9	134	30.7	124	28.2
		15.0	13.7	140	29.6	140	30.3	140	30.9	138	30.8	134	29.6	124	27.2
110%	1,045	-19.8	-20.0	67.2	18.5	66.9	19.7	66.7	21.0	66.6	21.7	66.5	22.3	66.3	23.6
		-18.8	-19.0	69.3	19.2	69.1	20.4	68.9	21.7	68.7	22.3	68.6	22.9	68.4	24.1
		-16.7	-17.0	73.6	20.5	73.4	21.7	73.2	22.9	73.1	23.4	72.9	24.0	72.7	25.2
		-13.7	-15.0	77.9	21.7	77.7	22.8	77.5	23.9	77.4	24.5	77.2	25.0	77.0	26.1
		-11.8	-13.0	82.2	22.8	82.0	23.8	81.8	24.9	81.7	25.4	81.5	25.9	81.3	26.9
		-9.8	-11.0	86.5	23.7	86.3	24.7	86.1	25.7	86.0	26.2	85.8	26.7	85.6	27.7
		-9.5	-10.0	88.7	24.2	88.5	25.1	88.2	26.1	88.1	26.6	88.0	27.0	87.8	28.0
		-8.5	-9.1	90.6	24.6	90.4	25.5	90.2	26.4	90.0	26.9	89.9	27.4	89.7	28.3
		-7.0	-7.6	93.8	25.2	93.6	26.1	93.4	27.0	93.3	27.4	93.2	27.9	92.9	28.8
		-5.0	-5.6	98.1	25.9	97.9	26.7	97.7	27.6	97.6	28.0	97.5	28.5	97.2	29.3
		-3.0	-3.7	102	26.5	102	27.3	102	28.2	102	28.6	102	29.0	101	29.8
		0.0	-0.7	109	27.4	108	28.2	108	29.0	108	29.4	108	29.7	108	30.5
		3.0	2.2	115	28.2	115	28.9	114	29.7	114	30.0	114	30.4	114	31.1
		5.0	4.1	119	28.7	119	29.4	119	30.1	118	30.4	118	30.8	114	29.8
		7.0	6.0	123	29.1	123	29.8	123	30.4	123	30.8	122	31.1	114	28.6
		9.0	7.9	127	29.5	127	30.1	127	30.8	127	31.1	122	29.9	114	27.5
		11.0	9.8	131	29.9	131	30.5	131	31.1	127	30.0	122	28.8	114	26.5
		13.0	11.8	136	30.2	135	30.9	131	30.0	127	28.8	122	27.7	114	25.5
		15.0	13.7	140	30.6	139	31.1	131	28.9	127	27.8	122	26.7	114	24.6
100%	950	-19.8	-20.0	66.8	20.5	66.6	21.7	66.4	22.8	66.3	23.4	66.2	24.0	66.0	25.1
		-18.8	-19.0	69.0	21.2	68.7	22.3	68.5	23.4	68.4	24.0	68.3	24.5	68.1	25.7
		-16.7	-17.0	73.3	22.4	73.0	23.5	72.8	24.5	72.7	25.0	72.6	25.6	72.4	26.6
		-13.7	-15.0	77.6	23.5	77.4	24.5	77.1	25.5	77.0	26.0	76.9	26.5	76.7	27.5
		-11.8	-13.0	81.9	24.4	81.7	25.4	81.4	26.3	81.3	26.8	81.2	27.3	81.0	28.2
		-9.8	-11.0	86.2	25.3	86.0	26.2	85.7	27.1	85.6	27.5	85.5	28.0	85.3	28.9
		-9.5	-10.0	88.3	25.7	88.1	26.6	87.9	27.4	87.8	27.9	87.7	28.3	87.5	29.2
		-8.5	-9.1	90.2	26.1	90.0	26.9	89.8	27.8	89.7	28.2	89.6	28.6	89.4	29.4
		-7.0	-7.6	93.5	26.6	93.3	27.4	93.1	28.2	93.0	28.6	92.8	29.0	92.6	29.9
		-5.0	-5.6	97.8	27.3	97.6	28.0	97.4	28.8	97.3	29.2	97.1	29.6	96.9	30.4
		-3.0	-3.7	102	27.8	102	28.6	101	29.3	101	29.7	101	30.1	101	30.8
		0.0	-0.7	108	28.7	108	29.4	108	30.1	108	30.4	108	30.8	104	29.8
		3.0	2.2	115	29.4	114	30.0	114	30.7	114	31.0	111	30.3	104	27.8
		5.0	4.1	119	29.8	118	30.4	118	31.1	115	30.2	111	29.0	104	26.7
		7.0	6.0	123	30.2	123	30.8	119	30.1	115	29.0	111	27.8	104	25.6
		9.0	7.9	127	30.5	127	31.1	119	28.9	115	27.8	111	26.7	104	24.6
		11.0	9.8	131	30.9	127	30.0	119	27.8	115	26.8	111	25.8	104	23.7
		13.0	11.8	134	30.9	127	28.8	119	26.8	115	25.8	111	24.8	104	22.9
		15.0	13.7	134	29.8	127	27.8	119	25.8	115	24.9	111	24.0	104	22.1
90%	855	-19.8	-20.0	66.4	22.5	66.3	23.6	66.1	24.6	66.0	25.1	65.9	25.7	65.7	26.7
		-18.8	-19.0	68.6	23.1	68.4	24.2	68.2	25.2	68.1	25.7	68.0	26.2	67.8	27.2
		-16.7	-17.0	72.9	24.2	72.7	25.2	72.5	26.1	72.4	26.6	72.3	27.1	72.1	28.0
		-13.7	-15.0	77.2	25.2	77.0	26.1	76.8	27.0	76.7	27.5	76.6	27.9	76.4	28.8
		-11.8	-13.0	81.5	26.1	81.3	26.9	81.1	27.8	81.0	28.2	80.9	28.6	80.7	29.5
		-9.8	-11.0	85.8	26.9	85.6	27.7	85.4	28.5	85.3	28.9	85.2	29.3	85.0	30.1
		-9.5	-10.0	87.9	27.2	87.8	28.0	87.6	28.8	87.5	29.2	87.4	29.6	87.2	30.4
		-8.5	-9.1	89.9	27.5	89.7	28.3	89.5	29.1	89.4	29.5	89.3	29.8	89.1	30.6
		-7.0	-7.6	93.1	28.0	92.9	28.8	92.7	29.5	92.6	29.9	92.5	30.2	92.4	31.0
		-5.0	-5.6	97.4	28.6	97.2	29.3	97.0	30.0	96.9	30.4	96.8	30.7	93.3	29.8
		-3.0	-3.7	101	29.1	101	29.8	101	30.5	101	30.8	100	30.8	93.3	28.3
		0.0	-0.7	108	29.9	108	30.5	107	30.9	104	29.8	100	28.6	93.3	26.3
		3.0	2.2	114	30.5	114	31.1	107	28.9	104	27.8	100	26.7	93.3	24.6
		5.0	4.1	118	30.9	114	29.8	107	27.7	104	26.6	100	25.6	93.3	23.6
		7.0	6.0	121	30.7	114	28.6	107	26.6	104	25.6	100	24.6	93.3	22.7
		9.0	7.9	121	29.5	114	27.5	107	25.6	104	24.6	100	23.7	93.3	21.9
		11.0	9.8	121	28.3	114	26.5	107	24.6	104	23.7	100	22.8	93.3	21.1
		13.0	11.8	121	27.3	114	25.5	107	23.7	104	22.9	100	22.0	93.3	20.3
		15.0	13.7	121	26.3	114	24.6	107	22.9	104	22.1	100	21.3	93.3	19.7

3 Capacity tables

3 - 2 Heating capacity tables

38HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	760	-19.8	-20.0	66.1	24.6	65.9	25.5	65.7	26.4	65.7	26.9	65.6	27.4	65.4	28.3
		-18.8	-19.0	68.2	25.1	68.1	26.0	67.9	26.9	67.8	27.4	67.7	27.8	67.6	28.7
		-16.7	-17.0	72.5	26.1	72.4	26.9	72.2	27.8	72.1	28.2	72.0	28.6	71.9	29.5
		-13.7	-15.0	76.8	27.0	76.7	27.8	76.5	28.6	76.4	29.0	76.3	29.3	76.2	30.1
		-11.8	-13.0	81.1	27.7	81.0	28.5	80.8	29.2	80.7	29.6	80.6	30.0	80.5	30.7
		-9.8	-11.0	85.4	28.4	85.3	29.1	85.1	29.9	85.0	30.2	84.9	30.6	83.0	30.3
		-9.5	-10.0	87.6	28.8	87.4	29.5	87.2	30.1	87.2	30.5	87.1	30.8	83.0	29.3
		-8.5	-9.1	89.5	29.0	89.3	29.7	89.2	30.4	89.1	30.7	89.0	31.1	83.0	28.6
		-7.0	-7.6	92.7	29.5	92.6	30.1	92.4	30.8	92.1	31.0	89.1	29.8	83.0	27.4
		-5.0	-5.6	97.0	30.0	96.9	30.6	95.2	30.5	92.1	29.3	89.1	28.2	83.0	25.9
		-3.0	-3.7	101	30.5	101	31.1	95.2	29.0	92.1	27.9	89.1	26.8	83.0	24.7
		0.0	-0.7	107	31.1	101	29.0	95.2	26.9	92.1	25.9	89.1	24.9	83.0	23.0
		3.0	2.2	107	29.0	101	27.1	95.2	25.2	92.1	24.2	89.1	23.3	83.0	21.5
		5.0	4.1	107	27.8	101	25.9	95.2	24.2	92.1	23.3	89.1	22.4	83.0	20.7
		7.0	6.0	107	26.7	101	24.9	95.2	23.2	92.1	22.4	89.1	21.6	83.0	19.9
		9.0	7.9	107	25.7	101	24.0	95.2	22.4	92.1	21.6	89.1	20.8	83.0	19.2
		11.0	9.8	107	24.7	101	23.1	95.2	21.6	92.1	20.8	89.1	20.0	83.0	18.6
		13.0	11.8	107	23.8	101	22.3	95.2	20.8	92.1	20.1	89.1	19.3	83.0	17.9
		15.0	13.7	107	23.0	101	21.5	95.2	20.1	92.1	19.4	89.1	18.7	83.0	17.4
70%	665	-19.8	-20.0	65.7	26.6	65.6	27.4	65.4	28.2	65.3	28.6	65.3	29.1	65.1	29.9
		-18.8	-19.0	67.9	27.1	67.7	27.9	67.6	28.7	67.5	29.1	67.4	29.4	67.3	30.2
		-16.7	-17.0	72.2	27.9	72.0	28.7	71.9	29.4	71.8	29.8	71.7	30.2	71.6	30.9
		-13.7	-15.0	76.5	28.7	76.3	29.4	76.2	30.1	76.1	30.4	76.0	30.8	72.6	29.4
		-11.8	-13.0	80.8	29.4	80.6	30.0	80.5	30.7	80.4	31.0	77.9	29.9	72.6	27.5
		-9.8	-11.0	85.1	30.0	84.9	30.6	83.3	30.4	80.6	29.2	77.9	28.1	72.6	25.9
		-9.5	-10.0	87.2	30.3	87.1	30.9	83.3	29.5	80.6	28.4	77.9	27.3	72.6	25.1
		-8.5	-9.1	89.1	30.5	88.7	30.9	83.3	28.7	80.6	27.6	77.9	26.6	72.6	24.5
		-7.0	-7.6	92.4	30.9	88.7	29.6	83.3	27.5	80.6	26.5	77.9	25.5	72.6	23.5
		-5.0	-5.6	94.0	30.0	88.7	28.0	83.3	26.1	80.6	25.1	77.9	24.1	72.6	22.3
		-3.0	-3.7	94.0	28.6	88.7	26.7	83.3	24.8	80.6	23.9	77.9	23.0	72.6	21.2
		0.0	-0.7	94.0	26.5	88.7	24.8	83.3	23.1	80.6	22.3	77.9	21.4	72.6	19.8
		3.0	2.2	94.0	24.8	88.7	23.2	83.3	21.6	80.6	20.9	77.9	20.1	72.6	18.6
		5.0	4.1	94.0	23.8	88.7	22.3	83.3	20.8	80.6	20.1	77.9	19.3	72.6	17.9
		7.0	6.0	94.0	22.9	88.7	21.4	83.3	20.0	80.6	19.3	77.9	18.6	72.6	17.3
		9.0	7.9	94.0	22.1	88.7	20.7	83.3	19.3	80.6	18.6	77.9	18.0	72.6	16.7
		11.0	9.8	94.0	21.3	88.7	19.9	83.3	18.6	80.6	18.0	77.9	17.4	72.6	16.1
		13.0	11.8	94.0	20.5	88.7	19.2	83.3	18.0	80.6	17.4	77.9	16.8	72.6	15.6
		15.0	13.7	94.0	19.8	88.7	18.6	83.3	17.4	80.6	16.8	77.9	16.3	72.6	15.1
60%	570	-19.8	-20.0	65.3	28.7	65.2	29.4	65.1	30.0	65.0	30.4	65.0	30.7	62.2	29.5
		-18.8	-19.0	67.5	29.1	67.4	29.7	67.2	30.4	67.2	30.7	66.8	30.9	62.2	28.4
		-16.7	-17.0	71.8	29.8	71.7	30.4	71.4	31.0	69.1	29.8	66.8	28.6	62.2	26.3
		-13.7	-15.0	76.1	30.5	76.0	31.0	71.4	28.8	69.1	27.7	66.8	26.7	62.2	24.6
		-11.8	-13.0	80.4	31.0	76.0	29.0	71.4	27.0	69.1	26.0	66.8	25.0	62.2	23.0
		-9.8	-11.0	80.6	29.2	76.0	27.3	71.4	25.4	69.1	24.4	66.8	23.5	62.2	21.7
		-9.5	-10.0	80.6	28.3	76.0	26.5	71.4	24.6	69.1	23.7	66.8	22.8	62.2	21.1
		-8.5	-9.1	80.6	27.6	76.0	25.8	71.4	24.0	69.1	23.1	66.8	22.3	62.2	20.6
		-7.0	-7.6	80.6	26.5	76.0	24.7	71.4	23.0	69.1	22.2	66.8	21.4	62.2	19.8
		-5.0	-5.6	80.6	25.1	76.0	23.4	71.4	21.9	69.1	21.1	66.8	20.3	62.2	18.8
		-3.0	-3.7	80.6	23.9	76.0	22.4	71.4	20.9	69.1	20.1	66.8	19.4	62.2	18.0
		0.0	-0.7	80.6	22.2	76.0	20.8	71.4	19.5	69.1	18.8	66.8	18.1	62.2	16.8
		3.0	2.2	80.6	20.9	76.0	19.6	71.4	18.3	69.1	17.7	66.8	17.1	62.2	15.8
		5.0	4.1	80.6	20.1	76.0	18.8	71.4	17.6	69.1	17.0	66.8	16.4	62.2	15.3
		7.0	6.0	80.6	19.3	76.0	18.1	71.4	17.0	69.1	16.4	66.8	15.9	62.2	14.7
		9.0	7.9	80.6	18.6	76.0	17.5	71.4	16.4	69.1	15.9	66.8	15.3	62.2	14.3
		11.0	9.8	80.6	18.0	76.0	16.9	71.4	15.9	69.1	15.3	66.8	14.8	62.2	13.8
		13.0	11.8	80.6	17.4	76.0	16.3	71.4	15.3	69.1	14.8	66.8	14.3	62.2	13.4
		15.0	13.7	80.6	16.8	76.0	15.8	71.4	14.9	69.1	14.4	66.8	13.9	62.2	13.0
50%	475	-19.8	-20.0	65.0	30.7	63.3	30.1	59.5	28.0	57.6	26.9	55.7	25.9	51.9	23.9
		-18.8	-19.0	67.1	31.0	63.3	29.0	59.5	26.9	57.6	25.9	55.7	24.9	51.9	23.0
		-16.7	-17.0	67.1	28.8	63.3	26.9	59.5	25.0	57.6	24.1	55.7	23.2	51.9	21.4
		-13.7	-15.0	67.1	26.8	63.3	25.1	59.5	23.3	57.6	22.5	55.7	21.7	51.9	20.0
		-11.8	-13.0	67.1	25.1	63.3	23.5	59.5	21.9	57.6	21.1	55.7	20.4	51.9	18.9
		-9.8	-11.0	67.1	23.6	63.3	22.1	59.5	20.7	57.6	19.9	55.7	19.2	51.9	17.8
		-9.5	-10.0	67.1	23.0	63.3	21.5	59.5	20.1	57.6	19.4	55.7	18.7	51.9	17.3
		-8.5	-9.1	67.1	22.4	63.3	21.0	59.5	19.6	57.6	18.9	55.7	18.2	51.9	16.9
		-7.0	-7.6	67.1	21.5	63.3	20.2	59.5	18.8	57.6	18.2	55.7	17.6	51.9	16.3
		-5.0	-5.6	67.1	20.4	63.3	19.2	59.5	17.9	57.6	17.3	55.7	16.7	51.9	15.5
		-3.0	-3.7	67.1	19.5	63.3	18.3	59.5	17.1	57.6	16.6	55.7	16.0	51.9	14.9
		0.0	-0.7	67.1	18.2	63.3	17.1	59.5	16.1	57.6	15.5	55.7	15.0	51.9	14.0
		3.0	2.2	67.1	17.1	63.3	16.1	59.5	15.1	57.6	14.6	55.7	14.2	51.9	13.2
		5.0	4.1	67.1	16.5	63.3	15.6	59.5	14.6	57.6	14.1	55.7	13.7	51.9	12.8
		7.0	6.0	67.1	15.9	63.3	15.0	59.5	14.1	57.6	13.7	55.7	13.2	51.9	12.3
		9.0	7.9	67.1	15.4	63.3	14.5	59.5	13.6	57.6	13.2	55.7	12.8	51.9	12.0
		11.0	9.8	67.1	14.9	63.3	14.1	59.5	13.2	57.6	12.8	55.7	12.4	51.9	11.6
		13.0	11.8	67.1	14.4	63.3	13.6	59.5	12.8	57.6	12.4	55.7	12.0	51.9	11.2
		15.0	13.7	67.1	14.0	63.3	13.2	59.5	12.4	57.6	12.1	55.7	11.7	51.9	10.9

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

40HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,300	-19.8	-20.0	70.4	14.6	70.1	16.3	69.8	18.0	69.7	18.8	69.5	19.6	69.2	21.3
		-18.8	-19.0	72.8	15.6	72.5	17.3	72.2	18.9	72.0	19.7	71.9	20.5	71.6	22.1
		-16.7	-17.0	77.5	17.5	77.2	19.0	76.9	20.5	76.7	21.3	76.6	22.0	76.3	23.6
		-13.7	-15.0	82.2	19.1	81.9	20.6	81.6	22.0	81.5	22.7	81.3	23.4	81.0	24.8
		-11.8	-13.0	86.9	20.6	86.6	21.9	86.3	23.3	86.2	23.9	86.0	24.6	85.8	26.0
		-9.8	-11.0	91.6	21.9	91.4	23.1	91.1	24.4	90.9	25.1	90.8	25.7	90.5	27.0
		-9.5	-10.0	94.0	22.5	93.7	23.7	93.4	24.9	93.3	25.6	93.1	26.2	92.8	27.4
		-8.5	-9.1	96.1	23.0	95.8	24.2	95.5	25.4	95.4	26.0	95.3	26.6	95.0	27.8
		-7.0	-7.6	99.7	23.8	99.4	24.9	99.1	26.1	98.9	26.7	98.8	27.3	98.5	28.4
		-5.0	-5.6	104	24.8	104	25.9	104	27.0	104	27.5	104	28.1	103	29.2
		-3.0	-3.7	109	25.6	109	26.7	108	27.7	108	28.3	108	28.8	108	29.8
		0.0	-0.7	116	26.8	116	27.8	115	28.8	115	29.3	115	29.8	115	30.8
		3.0	2.2	123	27.8	123	28.8	122	29.7	122	30.2	122	30.6	122	31.6
		5.0	4.1	127	28.4	127	29.3	127	30.2	127	30.7	126	31.1	126	32.0
		7.0	6.0	132	29.0	131	29.9	131	30.7	131	31.2	131	31.6	131	32.5
		9.0	7.9	136	29.5	136	30.4	136	31.2	136	31.6	135	32.1	135	32.9
		11.0	9.8	141	30.0	140	30.8	140	31.7	140	32.1	140	32.5	140	33.3
		13.0	11.8	145	30.5	145	31.3	145	32.1	145	32.5	145	32.9	144	33.5
		15.0	13.7	150	31.0	150	31.7	149	32.5	149	32.9	149	33.2	144	32.3
120%	1,200	-19.8	-20.0	70.0	16.9	69.7	18.4	69.5	20.0	69.3	20.8	69.2	21.5	68.9	23.1
		-18.8	-19.0	72.4	17.8	72.1	19.3	71.8	20.8	71.7	21.6	71.6	22.3	71.3	23.8
		-16.7	-17.0	77.1	19.5	76.8	20.9	76.5	22.3	76.4	23.0	76.3	23.7	76.0	25.2
		-13.7	-15.0	81.8	21.1	81.5	22.4	81.3	23.7	81.1	24.3	81.0	25.0	80.7	26.3
		-11.8	-13.0	86.5	22.4	86.3	23.6	86.0	24.9	85.9	25.5	85.7	26.1	85.5	27.4
		-9.8	-11.0	91.3	23.6	91.0	24.8	90.7	25.9	90.6	26.5	90.4	27.1	90.2	28.3
		-9.5	-10.0	93.6	24.1	93.3	25.3	93.1	26.4	92.9	27.0	92.8	27.6	92.5	28.7
		-8.5	-9.1	95.7	24.6	95.5	25.7	95.2	26.8	95.1	27.4	94.9	28.0	94.7	29.1
		-7.0	-7.6	99.3	25.4	99.0	26.4	98.7	27.5	98.6	28.0	98.5	28.6	98.2	29.6
		-5.0	-5.6	104	26.3	104	27.3	103	28.3	103	28.8	103	29.3	103	30.3
		-3.0	-3.7	108	27.0	108	28.0	108	29.0	108	29.5	108	30.0	107	31.0
		0.0	-0.7	116	28.1	115	29.1	115	30.0	115	30.4	115	30.9	114	31.8
		3.0	2.2	122	29.1	122	30.0	122	30.8	122	31.3	122	31.7	121	32.5
		5.0	4.1	127	29.7	127	30.5	126	31.3	126	31.7	126	32.2	126	33.0
		7.0	6.0	131	30.2	131	31.0	131	31.8	131	32.2	131	32.6	130	33.4
		9.0	7.9	136	30.7	136	31.4	135	32.2	135	32.6	135	33.0	133	33.0
		11.0	9.8	140	31.1	140	31.9	140	32.6	140	33.0	140	33.4	133	31.7
		13.0	11.8	145	31.6	145	32.3	145	33.0	144	33.4	143	33.1	133	30.5
		15.0	13.7	150	32.0	149	32.7	149	33.4	148	33.2	143	31.9	133	29.4
110%	1,100	-19.8	-20.0	69.6	19.1	69.4	20.6	69.1	22.0	69.0	22.7	68.9	23.4	68.6	24.8
		-18.8	-19.0	72.0	20.0	71.7	21.4	71.5	22.8	71.4	23.5	71.2	24.1	71.0	25.5
		-16.7	-17.0	76.7	21.6	76.4	22.9	76.2	24.2	76.1	24.8	76.0	25.4	75.7	26.7
		-13.7	-15.0	81.4	23.0	81.2	24.2	80.9	25.4	80.8	26.0	80.7	26.6	80.4	27.8
		-11.8	-13.0	86.1	24.2	85.9	25.3	85.6	26.5	85.5	27.1	85.4	27.6	85.2	28.8
		-9.8	-11.0	90.9	25.3	90.6	26.4	90.4	27.5	90.2	28.0	90.1	28.5	89.9	29.6
		-9.5	-10.0	93.2	25.8	93.0	26.9	92.7	27.9	92.6	28.4	92.5	29.0	92.2	30.0
		-8.5	-9.1	95.3	26.2	95.1	27.3	94.9	28.3	94.7	28.8	94.6	29.3	94.4	30.3
		-7.0	-7.6	98.9	26.9	98.6	27.9	98.4	28.9	98.3	29.4	98.1	29.9	97.9	30.9
		-5.0	-5.6	104	27.8	103	28.7	103	29.6	103	30.1	103	30.6	103	31.5
		-3.0	-3.7	108	28.5	108	29.4	108	30.3	107	30.7	107	31.2	107	32.1
		0.0	-0.7	115	29.5	115	30.3	115	31.2	115	31.6	114	32.0	114	32.8
		3.0	2.2	122	30.4	122	31.1	122	31.9	121	32.3	121	32.7	121	33.5
		5.0	4.1	127	30.9	126	31.6	126	32.4	126	32.8	126	33.2	122	32.4
		7.0	6.0	131	31.4	131	32.1	131	32.8	130	33.2	130	33.6	122	31.0
		9.0	7.9	135	31.8	135	32.5	135	33.2	135	33.6	131	32.4	122	29.8
		11.0	9.8	140	32.2	140	32.9	139	33.6	135	32.4	131	31.1	122	28.6
		13.0	11.8	145	32.6	144	33.3	140	32.3	135	31.1	131	29.9	122	27.5
		15.0	13.7	149	33.0	149	33.6	140	31.2	135	30.0	131	28.8	122	26.6
100%	1,000	-19.8	-20.0	69.2	21.4	69.0	22.7	68.8	24.0	68.7	24.6	68.5	25.3	68.3	26.6
		-18.8	-19.0	71.6	22.2	71.4	23.5	71.1	24.7	71.0	25.3	70.9	26.0	70.7	27.2
		-16.7	-17.0	76.3	23.6	76.1	24.8	75.9	26.0	75.7	26.6	75.6	27.1	75.4	28.3
		-13.7	-15.0	81.0	24.9	80.8	26.0	80.6	27.1	80.5	27.6	80.4	28.2	80.1	29.3
		-11.8	-13.0	85.7	26.0	85.5	27.1	85.3	28.1	85.2	28.6	85.1	29.1	84.8	30.2
		-9.8	-11.0	90.5	27.0	90.2	28.0	90.0	29.0	89.9	29.5	89.8	30.0	89.6	30.9
		-9.5	-10.0	92.8	27.5	92.6	28.4	92.4	29.4	92.3	29.9	92.2	30.3	91.9	31.3
		-8.5	-9.1	95.0	27.9	94.7	28.8	94.5	29.7	94.4	30.2	94.3	30.7	94.1	31.6
		-7.0	-7.6	98.5	28.5	98.3	29.4	98.0	30.3	97.9	30.7	97.8	31.2	97.6	32.1
		-5.0	-5.6	103	29.2	103	30.1	103	31.0	103	31.4	103	31.8	102	32.7
		-3.0	-3.7	108	29.9	107	30.7	107	31.5	107	31.9	107	32.3	107	33.2
		0.0	-0.7	115	30.8	115	31.6	114	32.4	114	32.7	114	33.1	111	32.4
		3.0	2.2	122	31.6	121	32.3	121	33.1	121	33.4	119	32.9	111	30.2
		5.0	4.1	126	32.1	126	32.8	126	33.5	123	32.7	119	31.4	111	28.9
		7.0	6.0	131	32.5	130	33.2	127	32.6	123	31.4	119	30.1	111	27.7
		9.0	7.9	135	32.9	135	33.6	127	31.3	123	30.1	119	28.9	111	26.7
		11.0	9.8	140	33.3	135	32.4	127	30.1	123	28.9	119	27.8	111	25.7
		13.0	11.8	143	33.3	135	31.1	127	28.9	123	27.8	119	26.8	111	24.7
		15.0	13.7	143	32.1	135	30.0	127	27.9	123	26.8	119	25.8	111	23.8
90%	900	-19.8	-20.0	68.8	23.7	68.6	24.9	68.4	26.0	68.3	26.6	68.2	27.2	68.0	28.3
		-18.8	-19.0	71.2	24.4	71.0	25.5	70.8	26.7	70.7	27.2	70.6	27.8	70.4	28.9
		-16.7	-17.0	75.9	25.7	75.7	26.7	75.5	27.8	75.4	28.3	75.3	28.8	75.1	29.9
		-13.7	-15.0	80.6	26.8	80.4	27.8	80.2	28.8	80.1	29.3	80.0	29.8	79.8	30.8
		-11.8	-13.0	85.4	27.8	85.1	28.8	84.9	29.7	84.8	30.2	84.7	30.6	84.5	31.6
		-9.8	-11.0	90.1	28.7	89.9	29.6	89.7	30.5	89.6	30.9	89.5	31.4	89.3	32.3
		-9.5	-10.0	92.4	29.2	92.2	30.0	92.0	30.9	91.9	31.3	91.8	31.7	91.6	32.6
		-8.5	-9.1	94.6	29.5	94.4	30.3	94.2	31.2	94.1	31.6	94.0	32.0	93.8	32.9
		-7.0	-7.6	98.1	30.1	97.9	30.9	97.7	31.7	97.6	32.1	97.5	32.5	97.3	33.3
		-5.0	-5.6	103	30.7	103	31.5	102	32.3	102	32.7	102	33.0	99.6	32.6
		-3.0	-3.7	107	31.3	107	32.1	107	32.8	107	33.2	107	33.5	99.6	30.9
		0.0	-0.7	114	32.2	114	32.9	114	33.5	111	32.4	107	31.1	99.6	28.6
		3.0	2.2	121	32.9	121	33.5	114	31.4	111	30.2	107	29.0	99.6	26.7
		5.0	4.1	126	33.3	122	32.3	114	30.0	111	28.9	107	27.8	99.6	25.6
		7.0	6.0	129	33.2	122	31.0	114	28.8	111	27.7	107	26.7	99.6	24.6
		9.0	7.9	129	31.9	122	29.7	114	27.7	111	26.6	107	25.6	99.6	23.7
		11.0	9.8	129	30.6	122	28.6	114	26.6	111	25.6	107	24.7	99.6	22.8
		13.0	11.8	129	29.4	122	27.5	114	25.6	111	24.7	107	23.8	99.6	22.0
		15.0	13.7	129	28.4	122	26.5	114	24.7	111	23.8	107	23.0	99.6	21.2

3 Capacity tables

3 - 2 Heating capacity tables

40HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	800	-19.8	-20.0	68.4	26.0	68.3	27.0	68.1	28.0	68.0	28.5	67.9	29.1	67.7	30.1
		-18.8	-19.0	70.8	26.6	70.6	27.6	70.4	28.6	70.3	29.1	70.3	29.6	70.1	30.6
		-16.7	-17.0	75.5	27.7	75.3	28.7	75.2	29.6	75.1	30.1	75.0	30.6	74.8	31.5
		-13.7	-15.0	80.2	28.8	80.1	29.6	79.9	30.5	79.8	31.0	79.7	31.4	79.5	32.3
		-11.8	-13.0	85.0	29.7	84.8	30.5	84.6	31.3	84.5	31.7	84.4	32.1	84.2	33.0
		-9.8	-11.0	89.7	30.5	89.5	31.2	89.3	32.0	89.2	32.4	89.1	32.8	88.5	33.3
		-9.5	-10.0	92.0	30.8	91.9	31.6	91.7	32.3	91.6	32.7	91.5	33.1	88.5	32.3
		-8.5	-9.1	94.2	31.1	94.0	31.9	93.8	32.6	93.7	33.0	93.6	33.4	88.5	31.4
		-7.0	-7.6	97.7	31.6	97.5	32.4	97.4	33.1	97.3	33.4	95.1	32.7	88.5	30.0
		-5.0	-5.6	102	32.2	102	32.9	102	33.4	98.3	32.1	95.1	30.8	88.5	28.4
		-3.0	-3.7	107	32.8	107	33.4	102	31.7	98.3	30.5	95.1	29.3	88.5	27.0
		0.0	-0.7	114	33.5	108	31.5	102	29.3	98.3	28.2	95.1	27.1	88.5	25.0
		3.0	2.2	115	31.5	108	29.4	102	27.3	98.3	26.3	95.1	25.3	88.5	23.4
		5.0	4.1	115	30.1	108	28.1	102	26.2	98.3	25.2	95.1	24.3	88.5	22.5
		7.0	6.0	115	28.9	108	27.0	102	25.2	98.3	24.2	95.1	23.3	88.5	21.6
		9.0	7.9	115	27.8	108	26.0	102	24.2	98.3	23.3	95.1	22.5	88.5	20.8
		11.0	9.8	115	26.7	108	25.0	102	23.3	98.3	22.5	95.1	21.7	88.5	20.1
		13.0	11.8	115	25.7	108	24.1	102	22.4	98.3	21.7	95.1	20.9	88.5	19.4
		15.0	13.7	115	24.8	108	23.2	102	21.7	98.3	20.9	95.1	20.2	88.5	18.7
70%	700	-19.8	-20.0	68.0	28.2	67.9	29.1	67.7	30.0	67.6	30.5	67.6	30.9	67.4	31.9
		-18.8	-19.0	70.4	28.8	70.2	29.7	70.1	30.5	70.0	31.0	69.9	31.4	69.8	32.3
		-16.7	-17.0	75.1	29.8	75.0	30.6	74.8	31.4	74.7	31.8	74.7	32.3	74.5	33.1
		-13.7	-15.0	79.8	30.7	79.7	31.5	79.5	32.2	79.5	32.6	79.4	33.0	77.5	32.6
		-11.8	-13.0	84.6	31.5	84.4	32.2	84.3	32.9	84.2	33.3	83.2	33.1	77.5	30.4
		-9.8	-11.0	89.3	32.2	89.1	32.9	88.9	33.5	86.0	32.2	83.2	30.9	77.5	28.5
		-9.5	-10.0	91.6	32.5	91.5	33.2	88.9	32.4	86.0	31.2	83.2	30.0	77.5	27.6
		-8.5	-9.1	93.8	32.8	93.6	33.4	88.9	31.5	86.0	30.3	83.2	29.2	77.5	26.9
		-7.0	-7.6	97.3	33.2	94.6	32.5	88.9	30.2	86.0	29.0	83.2	27.9	77.5	25.7
		-5.0	-5.6	100	32.9	94.6	30.6	88.9	28.5	86.0	27.4	83.2	26.4	77.5	24.4
		-3.0	-3.7	100	31.2	94.6	29.1	88.9	27.1	86.0	26.1	83.2	25.1	77.5	23.2
		0.0	-0.7	100	28.9	94.6	27.0	88.9	25.1	86.0	24.2	83.2	23.3	77.5	21.6
		3.0	2.2	100	26.9	94.6	25.2	88.9	23.5	86.0	22.7	83.2	21.8	77.5	20.2
		5.0	4.1	100	25.8	94.6	24.2	88.9	22.6	86.0	21.8	83.2	21.0	77.5	19.4
		7.0	6.0	100	24.8	94.6	23.2	88.9	21.7	86.0	20.9	83.2	20.2	77.5	18.7
		9.0	7.9	100	23.9	94.6	22.4	88.9	20.9	86.0	20.2	83.2	19.5	77.5	18.1
		11.0	9.8	100	23.0	94.6	21.6	88.9	20.2	86.0	19.5	83.2	18.8	77.5	17.4
		13.0	11.8	100	22.1	94.6	20.8	88.9	19.4	86.0	18.8	83.2	18.1	77.5	16.8
		15.0	13.7	100	21.4	94.6	20.1	88.9	18.8	86.0	18.2	83.2	17.5	77.5	16.3
60%	600	-19.8	-20.0	67.6	30.5	67.5	31.3	67.4	32.1	67.3	32.4	67.2	32.8	66.4	33.1
		-18.8	-19.0	70.0	31.0	69.9	31.7	69.7	32.5	69.7	32.9	69.6	33.2	66.4	31.7
		-16.7	-17.0	74.7	31.8	74.6	32.5	74.5	33.2	73.8	33.1	71.3	31.8	66.4	29.3
		-13.7	-15.0	79.5	32.6	79.3	33.3	76.2	32.0	73.8	30.8	71.3	29.6	66.4	27.2
		-11.8	-13.0	84.2	33.3	81.1	32.1	76.2	29.8	73.8	28.7	71.3	27.6	66.4	25.4
		-9.8	-11.0	86.0	32.2	81.1	30.0	76.2	27.9	73.8	26.9	71.3	25.9	66.4	23.9
		-9.5	-10.0	86.0	31.2	81.1	29.1	76.2	27.1	73.8	26.1	71.3	25.1	66.4	23.2
		-8.5	-9.1	86.0	30.3	81.1	28.3	76.2	26.4	73.8	25.4	71.3	24.4	66.4	22.6
		-7.0	-7.6	86.0	29.0	81.1	27.1	76.2	25.2	73.8	24.3	71.3	23.4	66.4	21.7
		-5.0	-5.6	86.0	27.4	81.1	25.6	76.2	23.9	73.8	23.1	71.3	22.2	66.4	20.6
		-3.0	-3.7	86.0	26.1	81.1	24.4	76.2	22.8	73.8	22.0	71.3	21.2	66.4	19.6
		0.0	-0.7	86.0	24.2	81.1	22.7	76.2	21.2	73.8	20.5	71.3	19.7	66.4	18.3
		3.0	2.2	86.0	22.7	81.1	21.2	76.2	19.9	73.8	19.2	71.3	18.5	66.4	17.2
		5.0	4.1	86.0	21.7	81.1	20.4	76.2	19.1	73.8	18.5	71.3	17.8	66.4	16.6
		7.0	6.0	86.0	20.9	81.1	19.6	76.2	18.4	73.8	17.8	71.3	17.2	66.4	16.0
		9.0	7.9	86.0	20.2	81.1	18.9	76.2	17.7	73.8	17.2	71.3	16.6	66.4	15.4
		11.0	9.8	86.0	19.4	81.1	18.3	76.2	17.1	73.8	16.6	71.3	16.0	66.4	14.9
		13.0	11.8	86.0	18.8	81.1	17.7	76.2	16.6	73.8	16.0	71.3	15.5	66.4	14.4
		15.0	13.7	86.0	18.2	81.1	17.1	76.2	16.0	73.8	15.5	71.3	15.0	66.4	14.0
50%	500	-19.8	-20.0	67.3	32.8	67.1	33.4	63.5	31.3	61.5	30.2	59.4	29.0	55.3	26.7
		-18.8	-19.0	69.6	33.2	67.6	32.4	63.5	30.1	61.5	28.9	59.4	27.8	55.3	25.6
		-16.7	-17.0	71.7	32.0	67.6	29.9	63.5	27.8	61.5	26.8	59.4	25.8	55.3	23.8
		-13.7	-15.0	71.7	29.7	67.6	27.8	63.5	25.9	61.5	24.9	59.4	24.0	55.3	22.2
		-11.8	-13.0	71.7	27.7	67.6	25.9	63.5	24.2	61.5	23.3	59.4	22.5	55.3	20.8
		-9.8	-11.0	71.7	26.0	67.6	24.4	63.5	22.7	61.5	21.9	59.4	21.1	55.3	19.6
		-9.5	-10.0	71.7	25.2	67.6	23.6	63.5	22.1	61.5	21.3	59.4	20.5	55.3	19.0
		-8.5	-9.1	71.7	24.6	67.6	23.0	63.5	21.5	61.5	20.8	59.4	20.0	55.3	18.6
		-7.0	-7.6	71.7	23.6	67.6	22.1	63.5	20.6	61.5	19.9	59.4	19.2	55.3	17.8
		-5.0	-5.6	71.7	22.3	67.6	20.9	63.5	19.6	61.5	18.9	59.4	18.3	55.3	17.0
		-3.0	-3.7	71.7	21.3	67.6	20.0	63.5	18.7	61.5	18.1	59.4	17.5	55.3	16.2
		0.0	-0.7	71.7	19.8	67.6	18.6	63.5	17.5	61.5	16.9	59.4	16.3	55.3	15.2
		3.0	2.2	71.7	18.6	67.6	17.5	63.5	16.4	61.5	15.9	59.4	15.4	55.3	14.3
		5.0	4.1	71.7	17.9	67.6	16.9	63.5	15.8	61.5	15.3	59.4	14.8	55.3	13.8
		7.0	6.0	71.7	17.3	67.6	16.3	63.5	15.3	61.5	14.8	59.4	14.3	55.3	13.4
		9.0	7.9	71.7	16.7	67.6	15.7	63.5	14.8	61.5	14.3	59.4	13.8	55.3	12.9
		11.0	9.8	71.7	16.1	67.6	15.2	63.5	14.3	61.5	13.8	59.4	13.4	55.3	12.5
		13.0	11.8	71.7	15.6	67.6	14.7	63.5	13.8	61.5	13.4	59.4	13.0	55.3	12.1
		15.0	13.7	71.7	15.1	67.6	14.2	63.5	13.4	61.5	13.0	59.4	12.6	55.3	11.8

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

42HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,365	-19.8	-20.0	71.9	14.3	71.6	16.1	71.3	17.8	71.2	18.7	71.0	19.6	70.7	21.35
		-18.8	-19.0	74.3	15.4	74.0	17.1	73.7	18.8	73.6	19.6	73.4	20.5	73.1	22.19
		-16.7	-17.0	79.2	17.3	78.9	18.9	78.6	20.5	78.4	21.3	78.2	22.1	77.9	23.70
		-13.7	-15.0	84.0	19.1	83.7	20.6	83.4	22.0	83.2	22.8	83.1	23.5	82.8	25.0
		-11.8	-13.0	88.8	20.6	88.5	22.0	88.2	23.4	88.1	24.1	87.9	24.8	87.6	26.2
		-9.8	-11.0	93.6	21.9	93.3	23.3	93.0	24.6	92.9	25.3	92.7	25.9	92.4	27.3
		-9.5	-10.0	96.0	22.6	95.7	23.9	95.4	25.2	95.3	25.8	95.1	26.4	94.8	27.7
		-8.5	-9.1	98.2	23.1	97.9	24.4	97.6	25.6	97.5	26.3	97.3	26.9	97.0	28.2
		-7.0	-7.6	102	23.9	102	25.1	101	26.4	101	27.0	101	27.6	101	28.8
		-5.0	-5.6	107	25.0	106	26.1	106	27.3	106	27.9	106	28.4	105	29.6
		-3.0	-3.7	111	25.8	111	27.0	111	28.1	110	28.6	110	29.2	110	30.3
		0.0	-0.7	118	27.1	118	28.1	118	29.2	118	29.7	118	30.2	117	31.3
		3.0	2.2	125	28.2	125	29.2	125	30.1	125	30.6	125	31.1	124	32.1
		5.0	4.1	130	28.8	130	29.8	129	30.7	129	31.2	129	31.6	129	32.6
		7.0	6.0	135	29.4	134	30.3	134	31.2	134	31.7	134	32.1	133	33.0
		9.0	7.9	139	30.0	139	30.8	139	31.7	138	32.2	138	32.6	138	33.5
		11.0	9.8	144	30.5	144	31.3	143	32.2	143	32.6	143	33.0	143	33.9
		13.0	11.8	149	31.0	148	31.8	148	32.6	148	33.0	148	33.4	147	34.3
		15.0	13.7	153	31.4	153	32.2	153	33.0	152	33.4	152	33.8	150	33.7
120%	1,260	-19.8	-20.0	71.5	16.7	71.2	18.3	70.9	19.9	70.8	20.8	70.7	21.6	70.4	23.2
		-18.8	-19.0	73.9	17.7	73.6	19.3	73.4	20.8	73.2	21.6	73.1	22.4	72.8	24.0
		-16.7	-17.0	78.7	19.5	78.5	21.0	78.2	22.4	78.1	23.2	77.9	23.9	77.6	25.4
		-13.7	-15.0	83.6	21.1	83.3	22.5	83.0	23.8	82.9	24.5	82.7	25.2	82.5	26.6
		-11.8	-13.0	88.4	22.5	88.1	23.8	87.8	25.1	87.7	25.7	87.6	26.4	87.3	27.7
		-9.8	-11.0	93.2	23.7	92.9	25.0	92.7	26.2	92.5	26.8	92.4	27.4	92.1	28.6
		-9.5	-10.0	95.6	24.3	95.4	25.5	95.1	26.7	94.9	27.3	94.8	27.9	94.5	29.1
		-8.5	-9.1	97.8	24.8	97.5	26.0	97.3	27.1	97.1	27.7	97.0	28.3	96.7	29.5
		-7.0	-7.6	101	25.6	101	26.7	101	27.8	101	28.4	101	28.9	100	30.1
		-5.0	-5.6	106	26.5	106	27.6	106	28.7	106	29.2	105	29.7	105	30.8
		-3.0	-3.7	111	27.3	111	28.4	110	29.4	110	29.9	110	30.4	110	31.4
		0.0	-0.7	118	28.5	118	29.5	118	30.4	117	30.9	117	31.4	117	32.3
		3.0	2.2	125	29.5	125	30.4	125	31.3	124	31.8	124	32.2	124	33.1
		5.0	4.1	130	30.1	129	31.0	129	31.8	129	32.3	129	32.7	129	33.6
		7.0	6.0	134	30.6	134	31.5	134	32.3	134	32.7	133	33.2	133	34.0
		9.0	7.9	139	31.1	139	32.0	138	32.8	138	33.2	138	33.6	138	34.4
		11.0	9.8	143	31.6	143	32.4	143	33.2	143	33.6	143	34.0	138	33.2
		13.0	11.8	148	32.1	148	32.9	148	33.6	148	34.0	147	34.4	138	31.9
		15.0	13.7	153	32.5	153	33.3	152	34.0	152	34.4	148	33.4	138	30.7
110%	1,155	-19.8	-20.0	71.1	19.1	70.8	20.6	70.6	22.0	70.5	22.8	70.3	23.5	70.1	25.0
		-18.8	-19.0	73.5	20.0	73.3	21.4	73.0	22.9	72.9	23.6	72.7	24.3	72.5	25.7
		-16.7	-17.0	78.3	21.6	78.1	23.0	77.8	24.3	77.7	25.0	77.6	25.7	77.3	27.0
		-13.7	-15.0	83.2	23.1	82.9	24.4	82.7	25.6	82.5	26.3	82.4	26.9	82.1	28.1
		-11.8	-13.0	88.0	24.4	87.7	25.6	87.5	26.8	87.4	27.4	87.2	28.0	87.0	29.1
		-9.8	-11.0	92.8	25.5	92.6	26.7	92.3	27.8	92.2	28.3	92.1	28.9	91.8	30.0
		-9.5	-10.0	95.2	26.1	95.0	27.2	94.7	28.2	94.6	28.8	94.5	29.3	94.2	30.4
		-8.5	-9.1	97.4	26.5	97.1	27.6	96.9	28.7	96.8	29.2	96.6	29.7	96.4	30.8
		-7.0	-7.6	101	27.2	101	28.3	101	29.3	100	29.8	100	30.3	100	31.3
		-5.0	-5.6	106	28.1	106	29.1	105	30.1	105	30.5	105	31.0	105	32.0
		-3.0	-3.7	110	28.8	110	29.8	110	30.7	110	31.2	110	31.7	109	32.6
		0.0	-0.7	118	29.9	117	30.8	117	31.7	117	32.1	117	32.5	117	33.4
		3.0	2.2	125	30.8	124	31.6	124	32.5	124	32.9	124	33.3	124	34.1
		5.0	4.1	129	31.4	129	32.2	129	33.0	129	33.4	128	33.8	127	33.8
		7.0	6.0	134	31.9	134	32.6	133	33.4	133	33.8	133	34.2	127	32.4
		9.0	7.9	138	32.3	138	33.1	138	33.8	138	34.2	136	33.9	127	31.1
		11.0	9.8	143	32.8	143	33.5	143	34.2	141	33.9	136	32.5	127	29.9
		13.0	11.8	148	33.2	148	33.9	145	33.8	141	32.5	136	31.3	127	28.8
		15.0	13.7	152	33.6	152	34.3	145	32.6	141	31.4	136	30.1	127	27.8
100%	1,050	-19.8	-20.0	70.7	21.4	70.5	22.8	70.2	24.2	70.1	24.8	70.0	25.5	69.8	26.9
		-18.8	-19.0	73.1	22.3	72.9	23.6	72.6	24.9	72.5	25.5	72.4	26.2	72.2	27.5
		-16.7	-17.0	77.9	23.8	77.7	25.0	77.5	26.2	77.4	26.8	77.2	27.5	77.0	28.7
		-13.7	-15.0	82.8	25.1	82.5	26.3	82.3	27.4	82.2	28.0	82.1	28.6	81.8	29.7
		-11.8	-13.0	87.6	26.3	87.4	27.4	87.1	28.4	87.0	29.0	86.9	29.5	86.7	30.6
		-9.8	-11.0	92.4	27.3	92.2	28.3	91.9	29.4	91.8	29.9	91.7	30.4	91.5	31.4
		-9.5	-10.0	94.8	27.8	94.6	28.8	94.4	29.8	94.2	30.3	94.1	30.8	93.9	31.8
		-8.5	-9.1	97.0	28.2	96.8	29.2	96.5	30.2	96.4	30.6	96.3	31.1	96.1	32.1
		-7.0	-7.6	101	28.9	100	29.8	100	30.7	100	31.2	99.9	31.7	99.7	32.6
		-5.0	-5.6	105	29.7	105	30.5	105	31.4	105	31.9	105	32.3	105	33.2
		-3.0	-3.7	110	30.3	110	31.2	110	32.0	109	32.5	109	32.9	109	33.8
		0.0	-0.7	117	31.3	117	32.1	117	32.9	117	33.3	117	33.7	115	33.9
		3.0	2.2	124	32.1	124	32.9	124	33.6	124	34.0	124	34.4	115	31.6
		5.0	4.1	129	32.6	129	33.4	128	34.1	128	34.2	124	32.9	115	30.2
		7.0	6.0	133	33.1	133	33.8	132	34.1	128	32.8	124	31.5	115	29.0
		9.0	7.9	138	33.5	138	34.2	132	32.7	128	31.5	124	30.3	115	27.9
		11.0	9.8	143	33.9	140	33.9	132	31.5	128	30.3	124	29.1	115	26.8
		13.0	11.8	147	34.3	140	32.5	132	30.2	128	29.1	124	28.0	115	25.8
		15.0	13.7	149	33.6	140	31.3	132	29.1	128	28.1	124	27.0	115	24.9
90%	945	-19.8	-20.0	70.3	23.8	70.1	25.0	69.9	26.3	69.8	26.9	69.7	27.5	69.4	28.7
		-18.8	-19.0	72.7	24.6	72.5	25.8	72.3	26.9	72.2	27.5	72.1	28.1	71.9	29.3
		-16.7	-17.0	77.5	25.9	77.3	27.0	77.1	28.1	77.0	28.7	76.9	29.2	76.7	30.3
		-13.7	-15.0	82.4	27.1	82.1	28.2	81.9	29.2	81.8	29.7	81.7	30.2	81.5	31.3
		-11.8	-13.0	87.2	28.2	87.0	29.2	86.8	30.1	86.7	30.6	86.5	31.1	86.3	32.1
		-9.8	-11.0	92.0	29.1	91.8	30.0	91.6	31.0	91.5	31.4	91.4	31.9	91.2	32.8
		-9.5	-10.0	94.4	29.6	94.2	30.5	94.0	31.3	93.9	31.8	93.8	32.2	93.6	33.1
		-8.5	-9.1	96.6	29.9	96.4	30.8	96.2	31.7	96.1	32.1	96.0	32.6	95.8	33.4
		-7.0	-7.6	100	30.5	100	31.4	99.8	32.2	99.7	32.6	99.6	33.0	99.4	33.9
		-5.0	-5.6	105	31.2	105	32.0	105	32.8	105	33.2	104	33.6	104	34.1
		-3.0	-3.7	110	31.8	109	32.6	109	33.4	109	33.8	109	34.1	104	32.3
		0.0	-0.7	117	32.7	117	33.4	116	34.2	115	33.9	111	32.6	104	29.9
		3.0	2.2	124	33.5	124	34.1	119	32.8	115	31.6	111	30.4	104	28.0
		5.0	4.1	128	33.9	126	33.8	119	31.4	115	30.2	111	29.1	104	26.8
		7.0	6.0	133	34.3	126	32.4	119	30.1	115	29.0	111	27.9	104	25.7
		9.0	7.9	134	33.3	126	31.1	119	28.9	115	27.9	111	26.8	104	24.8
		11.0	9.8	134	32.0	126	29.9	119	27.8	115	26.8	111	25.8	104	23.9
		13.0	11.8	134	30.8	126	28.8	119	26.8	115	25.8	111	24.9	104	23.0
		15.0	13.7	134	29.7	126	27.7	119	25.9	115	24.9	111	24.0	104	22.2

3 Capacity tables

3 - 2 Heating capacity tables

42HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	840	-19.8	-20.0	69.9	26.2	69.7	27.3	69.5	28.4	69.4	28.9	69.3	29.5	69.1	30.5
		-18.8	-19.0	72.3	26.9	72.1	27.9	71.9	29.0	71.8	29.5	71.7	30.0	71.5	31.1
		-16.7	-17.0	77.1	28.1	76.9	29.1	76.7	30.0	76.7	30.5	76.6	31.0	76.4	32.0
		-13.7	-15.0	81.9	29.1	81.8	30.1	81.6	31.0	81.5	31.4	81.4	31.9	81.2	32.8
		-11.8	-13.0	86.8	30.1	86.6	30.9	86.4	31.8	86.3	32.2	86.2	32.7	86.0	33.5
		-9.8	-11.0	91.6	30.9	91.4	31.7	91.2	32.6	91.1	33.0	91.0	33.4	90.9	34.2
		-9.5	-10.0	94.0	31.3	93.8	32.1	93.6	32.9	93.5	33.3	93.5	33.7	92.0	33.8
		-8.5	-9.1	96.2	31.6	96.0	32.4	95.8	33.2	95.7	33.6	95.6	34.0	92.0	32.8
		-7.0	-7.6	99.8	32.2	99.6	32.9	99.4	33.6	99.3	34.0	98.8	34.2	92.0	31.4
		-5.0	-5.6	105	32.8	104	33.5	104	34.2	102	33.6	98.8	32.3	92.0	29.7
		-3.0	-3.7	109	33.3	109	34.0	106	33.1	102	31.9	98.8	30.6	92.0	28.2
		0.0	-0.7	116	34.1	112	33.0	106	30.6	102	29.5	98.8	28.4	92.0	26.2
		3.0	2.2	119	32.9	112	30.7	106	28.6	102	27.5	98.8	26.5	92.0	24.5
		5.0	4.1	119	31.5	112	29.4	106	27.4	102	26.4	98.8	25.4	92.0	23.5
		7.0	6.0	119	30.2	112	28.2	106	26.3	102	25.4	98.8	24.4	92.0	22.6
		9.0	7.9	119	29.0	112	27.1	106	25.3	102	24.4	98.8	23.5	92.0	21.8
		11.0	9.8	119	27.9	112	26.1	106	24.4	102	23.5	98.8	22.7	92.0	21.0
		13.0	11.8	119	26.9	112	25.2	106	23.5	102	22.7	98.8	21.8	92.0	20.2
		15.0	13.7	119	25.9	112	24.3	106	22.7	102	21.9	98.8	21.1	92.0	19.6
70%	735	-19.8	-20.0	69.5	28.6	69.3	29.5	69.1	30.5	69.1	31.0	69.0	31.4	68.8	32.4
		-18.8	-19.0	71.9	29.2	71.7	30.1	71.6	31.0	71.5	31.5	71.4	31.9	71.2	32.8
		-16.7	-17.0	76.7	30.2	76.5	31.1	76.4	31.9	76.3	32.4	76.2	32.8	76.1	33.6
		-13.7	-15.0	81.5	31.2	81.4	32.0	81.2	32.8	81.1	33.2	81.0	33.6	80.5	34.1
		-11.8	-13.0	86.4	32.0	86.2	32.7	86.0	33.5	86.0	33.9	85.9	34.2	80.5	31.8
		-9.8	-11.0	91.2	32.7	91.0	33.4	90.9	34.1	89.4	33.7	86.5	32.4	80.5	29.8
		-9.5	-10.0	93.6	33.1	93.4	33.7	92.4	33.9	89.4	32.7	86.5	31.4	80.5	28.9
		-8.5	-9.1	95.8	33.3	95.6	34.0	92.4	33.0	89.4	31.8	86.5	30.5	80.5	28.1
		-7.0	-7.6	99.4	33.8	98.3	34.0	92.4	31.6	89.4	30.4	86.5	29.2	80.5	26.9
		-5.0	-5.6	104	34.4	98.3	32.1	92.4	29.8	89.4	28.7	86.5	27.6	80.5	25.5
		-3.0	-3.7	104	32.6	98.3	30.5	92.4	28.3	89.4	27.3	86.5	26.3	80.5	24.3
		0.0	-0.7	104	30.2	98.3	28.2	92.4	26.3	89.4	25.3	86.5	24.4	80.5	22.6
		3.0	2.2	104	28.2	98.3	26.4	92.4	24.6	89.4	23.7	86.5	22.9	80.5	21.2
		5.0	4.1	104	27.0	98.3	25.3	92.4	23.6	89.4	22.8	86.5	21.9	80.5	20.3
		7.0	6.0	104	25.9	98.3	24.3	92.4	22.7	89.4	21.9	86.5	21.1	80.5	19.6
		9.0	7.9	104	25.0	98.3	23.4	92.4	21.8	89.4	21.1	86.5	20.3	80.5	18.9
		11.0	9.8	104	24.0	98.3	22.5	92.4	21.1	89.4	20.4	86.5	19.6	80.5	18.2
		13.0	11.8	104	23.2	98.3	21.7	92.4	20.3	89.4	19.6	86.5	19.0	80.5	17.6
		15.0	13.7	104	22.4	98.3	21.0	92.4	19.7	89.4	19.0	86.5	18.4	80.5	17.1
60%	630	-19.8	-20.0	69.1	31.0	68.9	31.8	68.8	32.6	68.7	33.0	68.6	33.4	68.5	34.2
		-18.8	-19.0	71.5	31.5	71.3	32.2	71.2	33.0	71.1	33.4	71.1	33.8	69.0	33.2
		-16.7	-17.0	76.3	32.4	76.2	33.1	76.0	33.8	76.0	34.2	74.1	33.3	69.0	30.6
		-13.7	-15.0	81.1	33.2	81.0	33.9	79.2	33.5	76.7	32.2	74.1	30.9	69.0	28.5
		-11.8	-13.0	86.0	33.9	84.3	33.6	79.2	31.2	76.7	30.0	74.1	28.9	69.0	26.6
		-9.8	-11.0	89.4	33.7	84.3	31.4	79.2	29.2	76.7	28.1	74.1	27.1	69.0	25.0
		-9.5	-10.0	89.4	32.6	84.3	30.5	79.2	28.3	76.7	27.3	74.1	26.3	69.0	24.3
		-8.5	-9.1	89.4	31.7	84.3	29.6	79.2	27.6	76.7	26.6	74.1	25.6	69.0	23.6
		-7.0	-7.6	89.4	30.3	84.3	28.4	79.2	26.4	76.7	25.5	74.1	24.5	69.0	22.7
		-5.0	-5.6	89.4	28.7	84.3	26.8	79.2	25.0	76.7	24.1	74.1	23.2	69.0	21.5
		-3.0	-3.7	89.4	27.3	84.3	25.5	79.2	23.8	76.7	23.0	74.1	22.1	69.0	20.5
		0.0	-0.7	89.4	25.3	84.3	23.7	79.2	22.2	76.7	21.4	74.1	20.6	69.0	19.1
		3.0	2.2	89.4	23.7	84.3	22.2	79.2	20.8	76.7	20.1	74.1	19.4	69.0	18.0
		5.0	4.1	89.4	22.8	84.3	21.4	79.2	20.0	76.7	19.3	74.1	18.6	69.0	17.3
		7.0	6.0	89.4	21.9	84.3	20.5	79.2	19.2	76.7	18.6	74.1	18.0	69.0	16.7
		9.0	7.9	89.4	21.1	84.3	19.8	79.2	18.6	76.7	17.9	74.1	17.3	69.0	16.1
		11.0	9.8	89.4	20.3	84.3	19.1	79.2	17.9	76.7	17.3	74.1	16.8	69.0	15.6
		13.0	11.8	89.4	19.6	84.3	18.5	79.2	17.3	76.7	16.8	74.1	16.2	69.0	15.1
		15.0	13.7	89.4	19.0	84.3	17.9	79.2	16.8	76.7	16.2	74.1	15.7	69.0	14.6
50%	525	-19.8	-20.0	68.7	33.3	68.5	34.0	66.0	32.8	63.9	31.6	61.8	30.4	57.5	28.0
		-18.8	-19.0	71.1	33.8	70.2	33.9	66.0	31.5	63.9	30.3	61.8	29.1	57.5	26.8
		-16.7	-17.0	74.5	33.5	70.2	31.3	66.0	29.1	63.9	28.0	61.8	27.0	57.5	24.9
		-13.7	-15.0	74.5	31.1	70.2	29.1	66.0	27.1	63.9	26.1	61.8	25.1	57.5	23.2
		-11.8	-13.0	74.5	29.0	70.2	27.2	66.0	25.3	63.9	24.4	61.8	23.5	57.5	21.8
		-9.8	-11.0	74.5	27.2	70.2	25.5	66.0	23.8	63.9	22.9	61.8	22.1	57.5	20.5
		-9.5	-10.0	74.5	26.4	70.2	24.7	66.0	23.1	63.9	22.3	61.8	21.5	57.5	19.9
		-8.5	-9.1	74.5	25.7	70.2	24.1	66.0	22.5	63.9	21.7	61.8	20.9	57.5	19.4
		-7.0	-7.6	74.5	24.7	70.2	23.1	66.0	21.6	63.9	20.9	61.8	20.1	57.5	18.7
		-5.0	-5.6	74.5	23.4	70.2	21.9	66.0	20.5	63.9	19.8	61.8	19.1	57.5	17.8
		-3.0	-3.7	74.5	22.3	70.2	20.9	66.0	19.6	63.9	18.9	61.8	18.3	57.5	17.0
		0.0	-0.7	74.5	20.7	70.2	19.5	66.0	18.3	63.9	17.7	61.8	17.1	57.5	15.9
		3.0	2.2	74.5	19.5	70.2	18.3	66.0	17.2	63.9	16.6	61.8	16.1	57.5	15.0
		5.0	4.1	74.5	18.7	70.2	17.6	66.0	16.6	63.9	16.0	61.8	15.5	57.5	14.5
		7.0	6.0	74.5	18.1	70.2	17.0	66.0	16.0	63.9	15.5	61.8	15.0	57.5	14.0
		9.0	7.9	74.5	17.4	70.2	16.4	66.0	15.4	63.9	15.0	61.8	14.5	57.5	13.5
		11.0	9.8	74.5	16.8	70.2	15.9	66.0	14.9	63.9	14.5	61.8	14.0	57.5	13.1
		13.0	11.8	74.5	16.3	70.2	15.4	66.0	14.5	63.9	14.0	61.8	13.6	57.5	12.7
		15.0	13.7	74.5	15.8	70.2	14.9	66.0	14.0	63.9	13.6	61.8	13.2	57.5	12.3

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

44HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,430	-19.8	-20.0	75.6	15.2	75.2	17.0	74.9	18.8	74.8	19.8	74.6	20.7	74.3	22.5
		-18.8	-19.0	78.1	16.3	77.8	18.1	77.5	19.8	77.3	20.7	77.1	21.6	76.8	23.4
		-16.7	-17.0	83.1	18.3	82.8	20.0	82.5	21.6	82.3	22.5	82.2	23.3	81.9	24.9
		-13.7	-15.0	88.2	20.1	87.9	21.7	87.5	23.2	87.4	24.0	87.2	24.8	86.9	26.3
		-11.8	-13.0	93.2	21.7	92.9	23.1	92.6	24.6	92.4	25.3	92.3	26.1	92.0	27.5
		-9.8	-11.0	98.3	23.1	97.9	24.5	97.6	25.8	97.5	26.5	97.3	27.2	97.0	28.6
		-9.5	-10.0	101	23.7	100	25.1	100	26.4	100	27.1	99.8	27.8	99.5	29.1
		-8.5	-9.1	103	24.3	103	25.6	102	26.9	102	27.6	102	28.2	102	29.6
		-7.0	-7.6	107	25.1	107	26.4	106	27.7	106	28.3	106	29.0	106	30.2
		-5.0	-5.6	112	26.2	112	27.4	111	28.6	111	29.2	111	29.8	111	31.0
		-3.0	-3.7	117	27.1	116	28.3	116	29.4	116	30.0	116	30.6	115	31.8
		0.0	-0.7	124	28.4	124	29.5	124	30.6	123	31.1	123	31.7	123	32.8
		3.0	2.2	132	29.6	131	30.6	131	31.6	131	32.1	131	32.6	130	33.6
		5.0	4.1	136	30.2	136	31.2	136	32.2	136	32.7	135	33.2	135	34.2
		7.0	6.0	141	30.8	141	31.8	140	32.7	140	33.2	140	33.7	140	34.6
		9.0	7.9	146	31.4	146	32.3	145	33.2	145	33.7	145	34.2	145	35.1
		11.0	9.8	151	32.0	150	32.8	150	33.7	150	34.2	150	34.6	149	35.5
		13.0	11.8	156	32.5	155	33.3	155	34.2	155	34.6	155	35.1	154	35.9
		15.0	13.7	161	33.0	160	33.8	160	34.6	160	35.0	160	35.5	156	35.2
120%	1,320	-19.8	-20.0	75.1	17.6	74.8	19.3	74.6	21.0	74.4	21.9	74.3	22.7	74.0	24.4
		-18.8	-19.0	77.7	18.7	77.4	20.3	77.1	22.0	76.9	22.8	76.8	23.6	76.5	25.2
		-16.7	-17.0	82.7	20.6	82.4	22.1	82.1	23.6	82.0	24.4	81.8	25.1	81.5	26.7
		-13.7	-15.0	87.7	22.2	87.5	23.6	87.2	25.1	87.0	25.8	86.9	26.5	86.6	27.9
		-11.8	-13.0	92.8	23.7	92.5	25.0	92.2	26.4	92.1	27.0	91.9	27.7	91.6	29.1
		-9.8	-11.0	97.8	24.9	97.5	26.2	97.2	27.5	97.1	28.1	97.0	28.8	96.7	30.1
		-9.5	-10.0	100	25.5	100	26.8	99.8	28.0	99.6	28.7	99.5	29.3	99.2	30.5
		-8.5	-9.1	103	26.1	102	27.3	102	28.5	102	29.1	102	29.7	101	30.9
		-7.0	-7.6	106	26.9	106	28.0	106	29.2	106	29.8	106	30.4	105	31.5
		-5.0	-5.6	111	27.8	111	29.0	111	30.1	111	30.6	111	31.2	110	32.3
		-3.0	-3.7	116	28.7	116	29.8	116	30.8	116	31.4	115	31.9	115	33.0
		0.0	-0.7	124	29.9	124	30.9	123	31.9	123	32.4	123	32.9	123	33.9
		3.0	2.2	131	30.9	131	31.9	131	32.8	130	33.3	130	33.8	130	34.7
		5.0	4.1	136	31.5	136	32.5	135	33.4	135	33.8	135	34.3	135	35.2
		7.0	6.0	141	32.1	140	33.0	140	33.9	140	34.3	140	34.7	140	35.6
		9.0	7.9	145	32.7	145	33.5	145	34.3	145	34.8	145	35.2	144	36.0
		11.0	9.8	150	33.2	150	34.0	150	34.8	150	35.2	149	35.6	144	34.6
		13.0	11.8	155	33.6	155	34.4	155	35.2	155	35.6	154	36.0	144	33.3
		15.0	13.7	160	34.1	160	34.8	160	35.6	159	36.0	155	34.9	144	32.1
110%	1,210	-19.8	-20.0	74.7	20.1	74.4	21.7	74.2	23.2	74.0	24.0	73.9	24.8	73.6	26.3
		-18.8	-19.0	77.2	21.1	77.0	22.6	76.7	24.1	76.6	24.8	76.4	25.6	76.2	27.1
		-16.7	-17.0	82.3	22.8	82.0	24.2	81.7	25.6	81.6	26.3	81.5	27.0	81.2	28.4
		-13.7	-15.0	87.3	24.3	87.1	25.6	86.8	26.9	86.7	27.6	86.5	28.2	86.3	29.6
		-11.8	-13.0	92.4	25.6	92.1	26.9	91.8	28.1	91.7	28.7	91.6	29.3	91.3	30.6
		-9.8	-11.0	97.4	26.8	97.1	28.0	96.9	29.2	96.7	29.8	96.6	30.3	96.3	31.5
		-9.5	-10.0	99.9	27.4	99.7	28.5	99.4	29.7	99.3	30.2	99.1	30.8	98.9	31.9
		-8.5	-9.1	102	27.8	102	29.0	102	30.1	102	30.6	101	31.2	101	32.3
		-7.0	-7.6	106	28.6	106	29.7	105	30.7	105	31.3	105	31.8	105	32.9
		-5.0	-5.6	111	29.5	111	30.5	110	31.5	110	32.0	110	32.5	110	33.6
		-3.0	-3.7	116	30.3	116	31.2	115	32.2	115	32.7	115	33.2	115	34.2
		0.0	-0.7	123	31.4	123	32.3	123	33.2	123	33.7	123	34.1	122	35.0
		3.0	2.2	131	32.3	130	33.2	130	34.0	130	34.5	130	34.9	130	35.8
		5.0	4.1	135	32.9	135	33.7	135	34.5	135	35.0	135	35.4	132	35.3
		7.0	6.0	140	33.4	140	34.2	140	35.0	140	35.4	139	35.8	132	33.9
		9.0	7.9	145	33.9	145	34.7	145	35.4	144	35.8	142	35.4	132	32.5
		11.0	9.8	150	34.3	150	35.1	149	35.9	147	35.4	142	34.0	132	31.3
		13.0	11.8	155	34.8	155	35.5	152	35.3	147	34.0	142	32.7	132	30.1
		15.0	13.7	160	35.2	159	35.9	152	34.0	147	32.8	142	31.5	132	29.0
100%	1,100	-19.8	-20.0	74.3	22.6	74.0	24.0	73.8	25.4	73.7	26.1	73.6	26.8	73.3	28.2
		-18.8	-19.0	76.8	23.5	76.6	24.8	76.3	26.2	76.2	26.9	76.1	27.5	75.8	28.9
		-16.7	-17.0	81.9	25.0	81.6	26.3	81.4	27.6	81.2	28.2	81.1	28.8	80.9	30.1
		-13.7	-15.0	86.9	26.4	86.7	27.6	86.4	28.8	86.3	29.4	86.2	30.0	85.9	31.2
		-11.8	-13.0	91.9	27.6	91.7	28.7	91.5	29.9	91.3	30.4	91.2	31.0	91.0	32.1
		-9.8	-11.0	97.0	28.7	96.7	29.8	96.5	30.8	96.4	31.4	96.3	31.9	96.0	33.0
		-9.5	-10.0	99.5	29.2	99.3	30.2	99.0	31.3	98.9	31.8	98.8	32.3	98.5	33.3
		-8.5	-9.1	102	29.6	102	30.6	101	31.6	101	32.2	101	32.7	101	33.7
		-7.0	-7.6	106	30.3	105	31.3	105	32.2	105	32.7	105	33.2	105	34.2
		-5.0	-5.6	111	31.1	110	32.0	110	33.0	110	33.4	110	33.9	110	34.8
		-3.0	-3.7	115	31.8	115	32.7	115	33.6	115	34.0	115	34.5	114	35.4
		0.0	-0.7	123	32.8	123	33.7	122	34.5	122	34.9	122	35.3	120	35.4
		3.0	2.2	130	33.7	130	34.5	130	35.3	130	35.7	129	35.9	120	33.0
		5.0	4.1	135	34.2	135	35.0	135	35.7	134	35.7	129	34.3	120	31.6
		7.0	6.0	140	34.7	140	35.4	138	35.6	134	34.2	129	32.9	120	30.3
		9.0	7.9	145	35.1	144	35.8	138	34.2	134	32.9	129	31.6	120	29.1
		11.0	9.8	149	35.5	147	35.4	138	32.8	134	31.6	129	30.4	120	28.0
		13.0	11.8	154	36.0	147	34.0	138	31.6	134	30.4	129	29.2	120	27.0
		15.0	13.7	156	35.1	147	32.7	138	30.4	134	29.3	129	28.2	120	26.0
90%	990	-19.8	-20.0	73.9	25.1	73.6	26.3	73.4	27.6	73.3	28.2	73.2	28.9	73.0	30.2
		-18.8	-19.0	76.4	25.9	76.2	27.1	75.9	28.3	75.8	28.9	75.7	29.5	75.5	30.8
		-16.7	-17.0	81.4	27.3	81.2	28.4	81.0	29.6	80.9	30.1	80.8	30.7	80.5	31.8
		-13.7	-15.0	86.5	28.5	86.2	29.6	86.0	30.6	85.9	31.2	85.8	31.7	85.6	32.8
		-11.8	-13.0	91.5	29.6	91.3	30.6	91.1	31.6	91.0	32.1	90.9	32.6	90.6	33.6
		-9.8	-11.0	96.6	30.6	96.3	31.5	96.1	32.5	96.0	33.0	95.9	33.4	95.7	34.4
		-9.5	-10.0	99.1	31.0	98.9	31.9	98.6	32.9	98.5	33.4	98.4	33.8	98.2	34.8
		-8.5	-9.1	101	31.4	101	32.3	101	33.2	101	33.7	101	34.1	100	35.1
		-7.0	-7.6	105	32.0	105	32.9	105	33.8	105	34.2	104	34.6	104	35.5
		-5.0	-5.6	110	32.7	110	33.6	110	34.4	110	34.8	110	35.3	108	35.6
		-3.0	-3.7	115	33.4	115	34.2	115	35.0	114	35.4	114	35.8	108	33.7
		0.0	-0.7	123	34.3	122	35.0	122	35.8	120	35.4	116	34.0	108	31.2
		3.0	2.2	130	35.1	130	35.8	124	34.2	120	33.0	116	31.7	108	29.2
		5.0	4.1	135	35.5	132	35.3	124	32.8	120	31.6	116	30.3	108	28.0
		7.0	6.0	139	36.0	132	33.8	124	31.4	120	30.3	116	29.1	108	26.9
		9.0	7.9	140	34.8	132	32.5	124	30.2	120	29.1	116	28.0	108	25.8
		11.0	9.8	140	33.5	132	31.2	124	29.1	120	28.0	116	27.0	108	24.9
		13.0	11.8	140	32.1	132	30.0	124	28.0	120	27.0	116	26.0	108	24.0
		15.0	13.7	140	31.0	132	29.0	124	27.0	120	26.0	116	25.1	108	23.2

3 Capacity tables

3 - 2 Heating capacity tables

44HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	880	-19.8	-20.0	73.4	27.6	73.2	28.7	73.0	29.8	72.9	30.4	72.8	30.9	72.7	32.1
		-18.8	-19.0	76.0	28.2	75.8	29.3	75.6	30.4	75.5	31.0	75.4	31.5	75.2	32.6
		-16.7	-17.0	81.0	29.5	80.8	30.5	80.6	31.5	80.5	32.0	80.4	32.6	80.2	33.6
		-13.7	-15.0	86.0	30.6	85.8	31.6	85.7	32.5	85.6	33.0	85.5	33.5	85.3	34.4
		-11.8	-13.0	91.1	31.6	90.9	32.5	90.7	33.4	90.6	33.8	90.5	34.3	90.3	35.2
		-9.8	-11.0	96.1	32.4	95.9	33.3	95.7	34.1	95.6	34.6	95.5	35.0	95.4	35.8
		-9.5	-10.0	98.6	32.8	98.5	33.7	98.3	34.5	98.2	34.9	98.1	35.3	96.2	35.2
		-8.5	-9.1	101	33.2	101	34.0	101	34.8	100	35.2	100	35.6	96.2	34.2
		-7.0	-7.6	105	33.7	105	34.5	104	35.3	104	35.7	103	35.6	96.2	32.7
		-5.0	-5.6	110	34.4	110	35.1	109	35.9	107	35.0	103	33.6	96.2	30.9
		-3.0	-3.7	115	35.0	114	35.7	110	34.5	107	33.2	103	31.9	96.2	29.4
		0.0	-0.7	122	35.8	117	34.4	110	32.0	107	30.8	103	29.6	96.2	27.3
		3.0	2.2	125	34.4	117	32.1	110	29.8	107	28.8	103	27.7	96.2	25.5
		5.0	4.1	125	32.9	117	30.7	110	28.6	107	27.6	103	26.5	96.2	24.5
		7.0	6.0	125	31.6	117	29.5	110	27.5	107	26.5	103	25.5	96.2	23.6
		9.0	7.9	125	30.3	117	28.3	110	26.4	107	25.5	103	24.5	96.2	22.7
		11.0	9.8	125	29.2	117	27.3	110	25.5	107	24.6	103	23.7	96.2	21.9
		13.0	11.8	125	28.1	117	26.3	110	24.5	107	23.7	103	22.8	96.2	21.1
		15.0	13.7	125	27.1	117	25.4	110	23.7	107	22.9	103	22.1	96.2	20.5
70%	770	-19.8	-20.0	73.0	30.0	72.8	31.0	72.7	32.0	72.6	32.5	72.5	33.0	72.3	34.0
		-18.8	-19.0	75.5	30.6	75.4	31.6	75.2	32.5	75.1	33.0	75.0	33.5	74.8	34.4
		-16.7	-17.0	80.6	31.7	80.4	32.6	80.2	33.5	80.1	34.0	80.1	34.4	79.9	35.3
		-13.7	-15.0	85.6	32.7	85.4	33.5	85.3	34.4	85.2	34.8	85.1	35.2	84.2	35.5
		-11.8	-13.0	90.7	33.5	90.5	34.3	90.3	35.1	90.2	35.5	90.1	35.9	84.2	33.1
		-9.8	-11.0	95.7	34.3	95.5	35.1	95.4	35.8	93.5	35.1	90.4	33.8	84.2	31.1
		-9.5	-10.0	98.2	34.7	98.1	35.4	96.6	35.4	93.5	34.0	90.4	32.7	84.2	30.1
		-8.5	-9.1	100	35.0	100	35.7	96.6	34.4	93.5	33.1	90.4	31.8	84.2	29.3
		-7.0	-7.6	104	35.4	103	35.4	96.6	32.9	93.5	31.7	90.4	30.4	84.2	28.1
		-5.0	-5.6	109	35.9	103	33.4	96.6	31.1	93.5	29.9	90.4	28.8	84.2	26.6
		-3.0	-3.7	109	34.0	103	31.8	96.6	29.6	93.5	28.5	90.4	27.4	84.2	25.3
		0.0	-0.7	109	31.5	103	29.4	96.6	27.4	93.5	26.4	90.4	25.5	84.2	23.5
		3.0	2.2	109	29.4	103	27.5	96.6	25.7	93.5	24.8	90.4	23.9	84.2	22.1
		5.0	4.1	109	28.2	103	26.4	96.6	24.6	93.5	23.8	90.4	22.9	84.2	21.2
		7.0	6.0	109	27.1	103	25.4	96.6	23.7	93.5	22.9	90.4	22.0	84.2	20.4
		9.0	7.9	109	26.1	103	24.4	96.6	22.8	93.5	22.0	90.4	21.2	84.2	19.7
		11.0	9.8	109	25.1	103	23.5	96.6	22.0	93.5	21.3	90.4	20.5	84.2	19.0
		13.0	11.8	109	24.2	103	22.7	96.6	21.2	93.5	20.5	90.4	19.8	84.2	18.4
		15.0	13.7	109	23.4	103	21.9	96.6	20.5	93.5	19.8	90.4	19.2	84.2	17.8
60%	660	-19.8	-20.0	72.6	32.5	72.4	33.4	72.3	34.2	72.2	34.6	72.1	35.0	72.0	35.9
		-18.8	-19.0	75.1	33.0	75.0	33.8	74.8	34.7	74.7	35.1	74.7	35.5	72.2	34.5
		-16.7	-17.0	80.1	34.0	80.0	34.7	79.9	35.5	79.8	35.9	77.5	34.7	72.2	31.9
		-13.7	-15.0	85.2	34.8	85.0	35.5	82.8	34.9	80.1	33.5	77.5	32.2	72.2	29.7
		-11.8	-13.0	90.2	35.5	88.1	35.0	82.8	32.5	80.1	31.3	77.5	30.1	72.2	27.7
		-9.8	-11.0	93.4	35.1	88.1	32.8	82.8	30.5	80.1	29.3	77.5	28.2	72.2	26.1
		-9.5	-10.0	93.4	34.0	88.1	31.7	82.8	29.5	80.1	28.5	77.5	27.4	72.2	25.3
		-8.5	-9.1	93.4	33.1	88.1	30.9	82.8	28.8	80.1	27.7	77.5	26.7	72.2	24.6
		-7.0	-7.6	93.4	31.6	88.1	29.6	82.8	27.5	80.1	26.5	77.5	25.6	72.2	23.6
		-5.0	-5.6	93.4	29.9	88.1	28.0	82.8	26.1	80.1	25.2	77.5	24.2	72.2	22.4
		-3.0	-3.7	93.4	28.5	88.1	26.6	82.8	24.8	80.1	24.0	77.5	23.1	72.2	21.4
		0.0	-0.7	93.4	26.4	88.1	24.8	82.8	23.1	80.1	22.3	77.5	21.5	72.2	20.0
		3.0	2.2	93.4	24.7	88.1	23.2	82.8	21.7	80.1	21.0	77.5	20.2	72.2	18.8
		5.0	4.1	93.4	23.7	88.1	22.3	82.8	20.9	80.1	20.2	77.5	19.5	72.2	18.1
		7.0	6.0	93.4	22.8	88.1	21.5	82.8	20.1	80.1	19.4	77.5	18.8	72.2	17.4
		9.0	7.9	93.4	22.0	88.1	20.7	82.8	19.4	80.1	18.7	77.5	18.1	72.2	16.9
		11.0	9.8	93.4	21.2	88.1	20.0	82.8	18.7	80.1	18.1	77.5	17.5	72.2	16.3
		13.0	11.8	93.4	20.5	88.1	19.3	82.8	18.1	80.1	17.5	77.5	16.9	72.2	15.8
		15.0	13.7	93.4	19.8	88.1	18.7	82.8	17.5	80.1	17.0	77.5	16.4	72.2	15.3
50%	550	-19.8	-20.0	72.2	35.0	72.0	35.7	69.0	34.1	66.8	32.9	64.6	31.6	60.1	29.1
		-18.8	-19.0	74.7	35.4	73.4	35.3	69.0	32.8	66.8	31.5	64.6	30.3	60.1	27.9
		-16.7	-17.0	77.9	34.9	73.4	32.6	69.0	30.3	66.8	29.2	64.6	28.1	60.1	25.9
		-13.7	-15.0	77.9	32.4	73.4	30.3	69.0	28.2	66.8	27.2	64.6	26.2	60.1	24.2
		-11.8	-13.0	77.9	30.3	73.4	28.3	69.0	26.4	66.8	25.4	64.6	24.5	60.1	22.7
		-9.8	-11.0	77.9	28.4	73.4	26.6	69.0	24.8	66.8	23.9	64.6	23.1	60.1	21.4
		-9.5	-10.0	77.9	27.5	73.4	25.8	69.0	24.1	66.8	23.2	64.6	22.4	60.1	20.8
		-8.5	-9.1	77.9	26.8	73.4	25.1	69.0	23.5	66.8	22.6	64.6	21.8	60.1	20.3
		-7.0	-7.6	77.9	25.7	73.4	24.1	69.0	22.5	66.8	21.7	64.6	21.0	60.1	19.5
		-5.0	-5.6	77.9	24.4	73.4	22.9	69.0	21.4	66.8	20.7	64.6	19.9	60.1	18.5
		-3.0	-3.7	77.9	23.2	73.4	21.8	69.0	20.4	66.8	19.7	64.6	19.1	60.1	17.7
		0.0	-0.7	77.9	21.6	73.4	20.3	69.0	19.1	66.8	18.4	64.6	17.8	60.1	16.6
		3.0	2.2	77.9	20.3	73.4	19.1	69.0	17.9	66.8	17.4	64.6	16.8	60.1	15.7
		5.0	4.1	77.9	19.6	73.4	18.4	69.0	17.3	66.8	16.7	64.6	16.2	60.1	15.1
		7.0	6.0	77.9	18.8	73.4	17.8	69.0	16.7	66.8	16.2	64.6	15.6	60.1	14.6
		9.0	7.9	77.9	18.2	73.4	17.1	69.0	16.1	66.8	15.6	64.6	15.1	60.1	14.1
		11.0	9.8	77.9	17.6	73.4	16.6	69.0	15.6	66.8	15.1	64.6	14.6	60.1	13.7
		13.0	11.8	77.9	17.0	73.4	16.0	69.0	15.1	66.8	14.6	64.6	14.2	60.1	13.3
		15.0	13.7	77.9	16.5	73.4	15.6	69.0	14.7	66.8	14.2	64.6	13.8	60.1	12.9

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

46HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,495	-19.8	-20.0	78.0	15.7	77.7	17.7	77.4	19.7	77.2	20.7	77.0	21.7	76.7	23.7
		-18.8	-19.0	80.8	17.0	80.4	18.9	80.1	20.9	79.9	21.8	79.8	22.8	79.4	24.7
		-16.7	-17.0	86.2	19.3	85.9	21.1	85.6	22.9	85.4	23.8	85.2	24.7	84.9	26.5
		-13.7	-15.0	91.7	21.3	91.4	23.0	91.0	24.7	90.9	25.6	90.7	26.4	90.4	28.1
		-11.8	-13.0	97.1	23.1	96.8	24.7	96.5	26.3	96.3	27.1	96.2	27.9	95.8	29.5
		-9.8	-11.0	103	24.7	102	26.2	102	27.7	102	28.5	102	29.2	101	30.7
		-9.5	-10.0	105	25.4	105	26.9	105	28.3	105	29.1	104	29.8	104	31.3
		-8.5	-9.1	108	26.0	107	27.5	107	28.9	107	29.6	107	30.3	106	31.7
		-7.0	-7.6	112	27.0	112	28.4	111	29.8	111	30.4	111	31.1	111	32.5
		-5.0	-5.6	117	28.2	117	29.5	117	30.8	117	31.5	116	32.1	116	33.4
		-3.0	-3.7	123	29.2	122	30.5	122	31.7	122	32.3	122	33.0	121	34.2
		0.0	-0.7	131	30.7	130	31.8	130	33.0	130	33.6	130	34.2	129	35.3
		3.0	2.2	139	31.9	138	33.0	138	34.1	138	34.6	138	35.2	137	36.3
		5.0	4.1	144	32.6	144	33.7	143	34.7	143	35.3	143	35.8	143	36.9
		7.0	6.0	149	33.3	149	34.3	148	35.3	148	35.9	148	36.4	148	37.4
		9.0	7.9	154	33.9	154	34.9	154	35.9	153	36.4	153	36.9	153	37.9
		11.0	9.8	159	34.5	159	35.5	159	36.4	159	36.9	158	37.4	158	38.3
		13.0	11.8	165	35.1	165	36.0	164	36.9	164	37.4	164	37.9	164	38.8
		15.0	13.7	170	35.6	170	36.5	169	37.4	169	37.8	169	38.3	164	37.6
120%	1,380	-19.8	-20.0	77.6	18.4	77.3	20.3	77.0	22.1	76.8	23.1	76.7	24.0	76.4	25.8
		-18.8	-19.0	80.3	19.6	80.0	21.4	79.7	23.2	79.5	24.1	79.4	25.0	79.1	26.8
		-16.7	-17.0	85.8	21.8	85.5	23.4	85.2	25.1	85.0	25.9	84.9	26.8	84.5	28.4
		-13.7	-15.0	91.2	23.6	90.9	25.2	90.6	26.7	90.5	27.5	90.3	28.3	90.0	29.9
		-11.8	-13.0	96.7	25.3	96.4	26.7	96.1	28.2	95.9	28.9	95.8	29.7	95.5	31.1
		-9.8	-11.0	102	26.7	102	28.1	102	29.5	101	30.2	101	30.9	101	32.3
		-9.5	-10.0	105	27.4	105	28.7	104	30.1	104	30.8	104	31.4	104	32.8
		-8.5	-9.1	107	28.0	107	29.3	107	30.6	107	31.3	106	31.9	106	33.2
		-7.0	-7.6	111	28.9	111	30.1	111	31.4	111	32.0	111	32.7	110	33.9
		-5.0	-5.6	117	30.0	117	31.2	116	32.4	116	33.0	116	33.6	116	34.8
		-3.0	-3.7	122	30.9	122	32.1	121	33.2	121	33.8	121	34.4	121	35.5
		0.0	-0.7	130	32.2	130	33.3	130	34.4	130	34.9	129	35.5	129	36.5
		3.0	2.2	138	33.4	138	34.4	138	35.4	137	35.9	137	36.4	137	37.4
		5.0	4.1	143	34.1	143	35.0	143	36.0	143	36.5	142	37.0	142	38.0
		7.0	6.0	149	34.7	148	35.6	148	36.6	148	37.0	148	37.5	147	38.4
		9.0	7.9	154	35.3	153	36.2	153	37.1	153	37.5	153	38.0	152	38.5
		11.0	9.8	159	35.8	159	36.7	158	37.6	158	38.0	158	38.4	152	37.0
		13.0	11.8	164	36.4	164	37.2	164	38.0	164	38.5	163	38.6	152	35.5
		15.0	13.7	170	36.8	169	37.6	169	38.5	168	38.7	163	37.2	152	34.2
110%	1,265	-19.8	-20.0	77.1	21.1	76.9	22.8	76.6	24.5	76.4	25.4	76.3	26.2	76.0	27.9
		-18.8	-19.0	79.9	22.2	79.6	23.9	79.3	25.5	79.2	26.3	79.0	27.1	78.7	28.8
		-16.7	-17.0	85.3	24.2	85.0	25.7	84.8	27.2	84.6	28.0	84.5	28.8	84.2	30.3
		-13.7	-15.0	90.8	25.9	90.5	27.3	90.2	28.8	90.1	29.5	89.9	30.2	89.7	31.6
		-11.8	-13.0	96.3	27.4	96.0	28.8	95.7	30.1	95.5	30.8	95.4	31.4	95.1	32.8
		-9.8	-11.0	102	28.8	101	30.0	101	31.3	101	31.9	101	32.6	101	33.8
		-9.5	-10.0	104	29.4	104	30.6	104	31.8	104	32.5	104	33.1	103	34.3
		-8.5	-9.1	107	29.9	107	31.1	106	32.3	106	32.9	106	33.5	106	34.7
		-7.0	-7.6	111	30.7	111	31.9	110	33.0	110	33.6	110	34.2	110	35.4
		-5.0	-5.6	116	31.7	116	32.8	116	33.9	116	34.5	116	35.0	115	36.1
		-3.0	-3.7	122	32.6	121	33.6	121	34.7	121	35.2	121	35.8	121	36.8
		0.0	-0.7	130	33.8	130	34.8	129	35.8	129	36.3	129	36.8	129	37.8
		3.0	2.2	138	34.9	137	35.8	137	36.7	137	37.2	137	37.6	137	38.6
		5.0	4.1	143	35.5	143	36.4	142	37.3	142	37.7	142	38.2	139	37.8
		7.0	6.0	148	36.1	148	36.9	148	37.8	147	38.2	147	38.6	139	36.2
		9.0	7.9	153	36.6	153	37.4	153	38.3	153	38.7	149	37.8	139	34.8
		11.0	9.8	159	37.1	158	37.9	158	38.7	154	37.8	149	36.3	139	33.4
		13.0	11.8	164	37.6	164	38.4	160	37.7	154	36.3	149	34.8	139	32.1
		15.0	13.7	169	38.0	169	38.8	160	36.3	154	34.9	149	33.6	139	30.9
100%	1,150	-19.8	-20.0	76.7	23.9	76.4	25.4	76.2	26.9	76.0	27.7	75.9	28.5	75.7	30.0
		-18.8	-19.0	79.4	24.8	79.2	26.3	78.9	27.8	78.8	28.6	78.7	29.3	78.4	30.8
		-16.7	-17.0	84.9	26.6	84.6	28.0	84.4	29.4	84.2	30.1	84.1	30.8	83.9	32.2
		-13.7	-15.0	90.3	28.2	90.1	29.5	89.8	30.8	89.7	31.4	89.6	32.1	89.3	33.4
		-11.8	-13.0	95.8	29.6	95.5	30.8	95.3	32.0	95.2	32.6	95.0	33.2	94.8	34.5
		-9.8	-11.0	101	30.8	101	31.9	101	33.1	101	33.7	101	34.2	100	35.4
		-9.5	-10.0	104	31.3	104	32.5	103	33.6	103	34.1	103	34.7	103	35.8
		-8.5	-9.1	106	31.8	106	32.9	106	34.0	106	34.6	106	35.1	105	36.2
		-7.0	-7.6	111	32.6	110	33.6	110	34.7	110	35.2	110	35.7	110	36.8
		-5.0	-5.6	116	33.5	116	34.5	116	35.5	115	36.0	115	36.5	115	37.5
		-3.0	-3.7	121	34.3	121	35.2	121	36.2	121	36.7	120	37.1	120	38.1
		0.0	-0.7	129	35.4	129	36.3	129	37.2	129	37.6	129	38.1	126	38.0
		3.0	2.2	137	36.3	137	37.2	137	38.0	137	38.4	136	38.5	126	35.4
		5.0	4.1	143	36.9	142	37.7	142	38.5	140	38.3	136	36.8	126	33.8
		7.0	6.0	148	37.4	147	38.2	145	38.1	140	36.6	136	35.2	126	32.4
		9.0	7.9	153	37.9	153	38.7	145	36.5	140	35.1	136	33.8	126	31.1
		11.0	9.8	158	38.4	154	37.8	145	35.1	140	33.8	136	32.5	126	29.9
		13.0	11.8	164	38.8	154	36.2	145	33.7	140	32.4	136	31.2	126	28.8
		15.0	13.7	164	37.4	154	34.9	145	32.5	140	31.3	136	30.1	126	27.8
90%	1,035	-19.8	-20.0	76.2	26.6	76.0	28.0	75.8	29.3	75.7	30.0	75.5	30.7	75.3	32.1
		-18.8	-19.0	79.0	27.5	78.7	28.8	78.5	30.1	78.4	30.8	78.3	31.5	78.0	32.8
		-16.7	-17.0	84.4	29.1	84.2	30.3	84.0	31.6	83.9	32.2	83.7	32.8	83.5	34.1
		-13.7	-15.0	89.9	30.5	89.7	31.6	89.4	32.8	89.3	33.4	89.2	34.0	89.0	35.2
		-11.8	-13.0	95.4	31.7	95.1	32.8	94.9	33.9	94.8	34.5	94.7	35.0	94.4	36.1
		-9.8	-11.0	101	32.8	101	33.8	100	34.9	100	35.4	100	35.9	100	37.0
		-9.5	-10.0	104	33.3	103	34.3	103	35.3	103	35.8	103	36.3	103	37.4
		-8.5	-9.1	106	33.7	106	34.7	106	35.7	105	36.2	105	36.7	105	37.7
		-7.0	-7.6	110	34.4	110	35.4	110	36.3	110	36.8	109	37.3	109	38.2
		-5.0	-5.6	116	35.2	115	36.1	115	37.0	115	37.5	115	38.0	114	38.4
		-3.0	-3.7	121	36.0	121	36.8	120	37.7	120	38.1	120	38.5	114	36.4
		0.0	-0.7	129	37.0	129	37.8	128	38.6	126	38.0	122	36.5	114	33.6
		3.0	2.2	137	37.8	137	38.6	131	36.7	126	35.3	122	34.0	114	31.3
		5.0	4.1	142	38.3	139	37.8	131	35.1	126	33.8	122	32.5	114	30.0
		7.0	6.0	147	38.8	139	36.2	131	33.6	126	32.4	122	31.2	114	28.7
		9.0	7.9	147	37.2	139	34.7	131	32.3	126	31.1	122	29.9	114	27.6
		11.0	9.8	147	35.7	139	33.4	131	31.1	126	29.9	122	28.8	114	26.6
		13.0	11.8	147	34.3	139	32.0	131	29.8	126	28.8	122	27.7	114	25.6
		15.0	13.7	147	33.1	139	30.9	131	28.8	126	27.8	122	26.7	114	24.7

3 Capacity tables

3 - 2 Heating capacity tables

46HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	920	-19.8	-20.0	75.8	29.3	75.6	30.5	75.4	31.8	75.3	32.4	75.2	33.0	75.0	34.2
		-18.8	-19.0	78.5	30.1	78.3	31.3	78.1	32.5	78.0	33.1	77.9	33.7	77.7	34.8
		-16.7	-17.0	84.0	31.5	83.8	32.6	83.6	33.7	83.5	34.3	83.4	34.8	83.2	36.0
		-13.7	-15.0	89.4	32.8	89.2	33.8	89.0	34.8	88.9	35.4	88.8	35.9	88.6	36.9
		-11.8	-13.0	94.9	33.9	94.7	34.8	94.5	35.8	94.4	36.3	94.3	36.8	94.1	37.8
		-9.8	-11.0	100	34.8	100	35.8	100	36.7	100	37.1	100	37.6	100	38.5
		-9.5	-10.0	103	35.3	103	36.2	103	37.1	103	37.5	102	38.0	101	38.2
		-8.5	-9.1	106	35.7	105	36.5	105	37.4	105	37.9	105	38.3	101	37.1
		-7.0	-7.6	110	36.3	109	37.1	109	38.0	109	38.4	109	38.5	101	35.4
		-5.0	-5.6	115	37.0	115	37.8	115	38.6	112	37.8	109	36.3	101	33.4
		-3.0	-3.7	120	37.6	120	38.4	116	37.2	112	35.8	109	34.4	101	31.7
		0.0	-0.7	129	38.5	123	37.0	116	34.4	112	33.1	109	31.8	101	29.3
		3.0	2.2	131	36.9	123	34.4	116	32.0	112	30.8	109	29.7	101	27.4
		5.0	4.1	131	35.3	123	32.9	116	30.6	112	29.5	109	28.4	101	26.3
		7.0	6.0	131	33.8	123	31.6	116	29.4	112	28.3	109	27.3	101	25.2
		9.0	7.9	131	32.4	123	30.3	116	28.2	112	27.2	109	26.2	101	24.3
		11.0	9.8	131	31.2	123	29.2	116	27.2	112	26.2	109	25.3	101	23.4
		13.0	11.8	131	30.0	123	28.0	116	26.2	112	25.3	109	24.3	101	22.6
		15.0	13.7	131	28.9	123	27.1	116	25.3	112	24.4	109	23.5	101	21.8
70%	805	-19.8	-20.0	75.3	32.0	75.2	33.1	75.0	34.2	74.9	34.7	74.8	35.2	74.6	36.3
		-18.8	-19.0	78.1	32.7	77.9	33.7	77.7	34.8	77.6	35.3	77.5	35.8	77.4	36.9
		-16.7	-17.0	83.5	33.9	83.4	34.9	83.2	35.9	83.1	36.4	83.0	36.9	82.8	37.8
		-13.7	-15.0	89.0	35.0	88.8	36.0	88.6	36.9	88.6	37.3	88.5	37.8	88.3	38.7
		-11.8	-13.0	94.5	36.0	94.3	36.9	94.1	37.7	94.0	38.1	93.9	38.6	88.5	36.1
		-9.8	-11.0	100	36.9	100	37.7	100	38.5	98.2	38.1	95.0	36.6	88.5	33.7
		-9.5	-10.0	103	37.3	102	38.0	102	38.4	98.2	36.9	95.0	35.5	88.5	32.6
		-8.5	-9.1	105	37.6	105	38.4	102	37.3	98.2	35.8	95.0	34.5	88.5	31.7
		-7.0	-7.6	109	38.1	108	38.3	102	35.6	98.2	34.2	95.0	32.9	88.5	30.3
		-5.0	-5.6	115	38.7	108	36.1	102	33.5	98.2	32.3	95.0	31.1	88.5	28.7
		-3.0	-3.7	115	36.7	108	34.2	102	31.8	98.2	30.7	95.0	29.5	88.5	27.3
		0.0	-0.7	115	33.9	108	31.6	102	29.5	98.2	28.4	95.0	27.4	88.5	25.3
		3.0	2.2	115	31.6	108	29.5	102	27.5	98.2	26.5	95.0	25.6	88.5	23.7
		5.0	4.1	115	30.2	108	28.3	102	26.4	98.2	25.5	95.0	24.5	88.5	22.7
		7.0	6.0	115	29.0	108	27.1	102	25.3	98.2	24.5	95.0	23.6	88.5	21.9
		9.0	7.9	115	27.9	108	26.1	102	24.4	98.2	23.5	95.0	22.7	88.5	21.1
		11.0	9.8	115	26.8	108	25.1	102	23.5	98.2	22.7	95.0	21.9	88.5	20.3
		13.0	11.8	115	25.8	108	24.2	102	22.7	98.2	21.9	95.0	21.1	88.5	19.6
		15.0	13.7	115	24.9	108	23.4	102	21.9	98.2	21.2	95.0	20.4	88.5	19.0
60%	690	-19.8	-20.0	74.9	34.7	74.7	35.6	74.6	36.6	74.5	37.0	74.4	37.5	74.3	38.4
		-18.8	-19.0	77.6	35.3	77.5	36.2	77.3	37.1	77.2	37.5	77.2	38.0	75.8	38.0
		-16.7	-17.0	83.1	36.4	82.9	37.2	82.8	38.1	82.7	38.5	81.4	38.0	75.8	34.9
		-13.7	-15.0	88.5	37.3	88.4	38.1	87.0	38.0	84.2	36.6	81.4	35.2	75.8	32.4
		-11.8	-13.0	94.0	38.2	92.6	38.1	87.0	35.4	84.2	34.0	81.4	32.7	75.8	30.2
		-9.8	-11.0	98.2	38.1	92.6	35.5	87.0	33.0	84.2	31.8	81.4	30.6	75.8	28.3
		-9.5	-10.0	98.2	36.9	92.6	34.4	87.0	32.0	84.2	30.8	81.4	29.7	75.8	27.4
		-8.5	-9.1	98.2	35.8	92.6	33.4	87.0	31.1	84.2	30.0	81.4	28.9	75.8	26.7
		-7.0	-7.6	98.2	34.2	92.6	32.0	87.0	29.8	84.2	28.7	81.4	27.6	75.8	25.5
		-5.0	-5.6	98.2	32.3	92.6	30.2	87.0	28.1	84.2	27.1	81.4	26.1	75.8	24.2
		-3.0	-3.7	98.2	30.6	92.6	28.7	87.0	26.8	84.2	25.8	81.4	24.9	75.8	23.0
		0.0	-0.7	98.2	28.4	92.6	26.6	87.0	24.8	84.2	24.0	81.4	23.1	75.8	21.5
		3.0	2.2	98.2	26.5	92.6	24.9	87.0	23.3	84.2	22.5	81.4	21.7	75.8	20.1
		5.0	4.1	98.2	25.4	92.6	23.9	87.0	22.3	84.2	21.6	81.4	20.8	75.8	19.4
		7.0	6.0	98.2	24.4	92.6	23.0	87.0	21.5	84.2	20.8	81.4	20.1	75.8	18.7
		9.0	7.9	98.2	23.5	92.6	22.1	87.0	20.7	84.2	20.0	81.4	19.4	75.8	18.0
		11.0	9.8	98.2	22.7	92.6	21.3	87.0	20.0	84.2	19.3	81.4	18.7	75.8	17.4
		13.0	11.8	98.2	21.9	92.6	20.6	87.0	19.3	84.2	18.7	81.4	18.1	75.8	16.8
		15.0	13.7	98.2	21.2	92.6	19.9	87.0	18.7	84.2	18.1	81.4	17.5	75.8	16.3
50%	575	-19.8	-20.0	74.4	37.4	74.3	38.2	72.5	37.6	70.2	36.2	67.8	34.8	63.2	32.0
		-18.8	-19.0	77.2	37.9	77.0	38.7	72.5	36.0	70.2	34.6	67.8	33.3	63.2	30.7
		-16.7	-17.0	81.8	38.2	77.2	35.7	72.5	33.1	70.2	31.9	67.8	30.7	63.2	28.3
		-13.7	-15.0	81.8	35.4	77.2	33.0	72.5	30.7	70.2	29.6	67.8	28.5	63.2	26.3
		-11.8	-13.0	81.8	32.9	77.2	30.8	72.5	28.7	70.2	27.6	67.8	26.6	63.2	24.6
		-9.8	-11.0	81.8	30.8	77.2	28.8	72.5	26.9	70.2	25.9	67.8	25.0	63.2	23.1
		-9.5	-10.0	81.8	29.8	77.2	27.9	72.5	26.1	70.2	25.2	67.8	24.3	63.2	22.5
		-8.5	-9.1	81.8	29.0	77.2	27.2	72.5	25.4	70.2	24.5	67.8	23.6	63.2	21.9
		-7.0	-7.6	81.8	27.8	77.2	26.0	72.5	24.3	70.2	23.5	67.8	22.7	63.2	21.0
		-5.0	-5.6	81.8	26.3	77.2	24.7	72.5	23.1	70.2	22.3	67.8	21.5	63.2	20.0
		-3.0	-3.7	81.8	25.0	77.2	23.5	72.5	22.0	70.2	21.2	67.8	20.5	63.2	19.1
		0.0	-0.7	81.8	23.3	77.2	21.9	72.5	20.5	70.2	19.8	67.8	19.1	63.2	17.8
		3.0	2.2	81.8	21.8	77.2	20.5	72.5	19.2	70.2	18.6	67.8	18.0	63.2	16.8
		5.0	4.1	81.8	21.0	77.2	19.7	72.5	18.5	70.2	17.9	67.8	17.3	63.2	16.2
		7.0	6.0	81.8	20.2	77.2	19.0	72.5	17.9	70.2	17.3	67.8	16.7	63.2	15.6
		9.0	7.9	81.8	19.5	77.2	18.3	72.5	17.2	70.2	16.7	67.8	16.2	63.2	15.1
		11.0	9.8	81.8	18.8	77.2	17.7	72.5	16.7	70.2	16.2	67.8	15.6	63.2	14.6
		13.0	11.8	81.8	18.2	77.2	17.1	72.5	16.1	70.2	15.6	67.8	15.1	63.2	14.2
		15.0	13.7	81.8	17.6	77.2	16.6	72.5	15.6	70.2	15.2	67.8	14.7	63.2	13.8

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

2 The above table shows the average value of conditions which may occur.

3 Capacity tables

3 - 2 Heating capacity tables

48HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	1,560	-19.8	-20.0	79.6	15.4	79.2	17.5	78.9	19.6	78.7	20.6	78.5	21.7	78.2	23.8
		-18.8	-19.0	82.4	16.7	82.0	18.7	81.7	20.8	81.5	21.8	81.3	22.8	81.0	24.8
		-16.7	-17.0	87.9	19.1	87.6	21.0	87.2	22.9	87.1	23.8	86.9	24.8	86.6	26.6
		-13.7	-15.0	93.5	21.2	93.1	23.0	92.8	24.8	92.6	25.6	92.5	26.5	92.1	28.3
		-11.8	-13.0	99.1	23.1	98.7	24.7	98.4	26.4	98.2	27.2	98.0	28.1	97.7	29.7
		-9.8	-11.0	105	24.7	104	26.3	104	27.9	104	28.6	104	29.4	103	31.0
		-9.5	-10.0	107	25.5	107	27.0	107	28.5	107	29.3	106	30.0	106	31.6
		-8.5	-9.1	110	26.1	110	27.6	109	29.1	109	29.8	109	30.6	109	32.1
		-7.0	-7.6	114	27.1	114	28.6	113	30.0	113	30.7	113	31.4	113	32.8
		-5.0	-5.6	120	28.4	119	29.7	119	31.1	119	31.8	119	32.4	118	33.8
		-3.0	-3.7	125	29.4	125	30.7	124	32.0	124	32.7	124	33.3	124	34.6
		0.0	-0.7	133	30.9	133	32.2	133	33.4	132	34.0	132	34.6	132	35.8
		3.0	2.2	141	32.2	141	33.4	141	34.5	140	35.1	140	35.6	140	36.8
		5.0	4.1	147	33.0	146	34.1	146	35.2	146	35.7	146	36.3	145	37.4
		7.0	6.0	152	33.7	152	34.7	151	35.8	151	36.3	151	36.9	151	37.9
		9.0	7.9	157	34.3	157	35.4	157	36.4	156	36.9	156	37.4	156	38.4
		11.0	9.8	162	35.0	162	35.9	162	36.9	162	37.4	161	37.9	161	38.9
		13.0	11.8	168	35.6	168	36.5	167	37.5	167	37.9	167	38.4	167	39.4
		15.0	13.7	173	36.1	173	37.0	173	37.9	172	38.4	172	38.9	170	39.1
120%	1,440	-19.8	-20.0	79.1	18.2	78.8	20.1	78.5	22.1	78.3	23.0	78.2	24.0	77.8	25.9
		-18.8	-19.0	81.9	19.5	81.6	21.3	81.3	23.2	81.1	24.1	80.9	25.0	80.6	26.9
		-16.7	-17.0	87.5	21.7	87.1	23.4	86.8	25.1	86.7	26.0	86.5	26.9	86.2	28.6
		-13.7	-15.0	93.0	23.6	92.7	25.2	92.4	26.9	92.2	27.7	92.1	28.5	91.8	30.1
		-11.8	-13.0	98.6	25.3	98.3	26.9	98.0	28.4	97.8	29.1	97.6	29.9	97.3	31.4
		-9.8	-11.0	104	26.8	104	28.3	104	29.7	103	30.4	103	31.2	103	32.6
		-9.5	-10.0	107	27.5	107	28.9	106	30.3	106	31.0	106	31.7	106	33.1
		-8.5	-9.1	109	28.1	109	29.5	109	30.9	109	31.6	108	32.2	108	33.6
		-7.0	-7.6	114	29.1	113	30.4	113	31.7	113	32.4	113	33.0	112	34.3
		-5.0	-5.6	119	30.2	119	31.5	119	32.7	118	33.3	118	34.0	118	35.2
		-3.0	-3.7	124	31.2	124	32.4	124	33.6	124	34.2	124	34.8	123	36.0
		0.0	-0.7	133	32.6	132	33.7	132	34.8	132	35.4	132	35.9	132	37.1
		3.0	2.2	141	33.8	141	34.8	140	35.9	140	36.4	140	36.9	140	38.0
		5.0	4.1	146	34.5	146	35.5	146	36.5	145	37.0	145	37.5	145	38.5
		7.0	6.0	151	35.1	151	36.1	151	37.1	151	37.6	151	38.0	150	39.0
		9.0	7.9	157	35.7	156	36.7	156	37.6	156	38.1	156	38.5	155	39.5
		11.0	9.8	162	36.3	162	37.2	161	38.1	161	38.6	161	39.0	157	38.4
		13.0	11.8	168	36.9	167	37.7	167	38.6	167	39.0	167	39.5	157	36.9
		15.0	13.7	173	37.3	173	38.2	172	39.0	172	39.5	168	38.7	157	35.5
110%	1,320	-19.8	-20.0	78.7	21.0	78.4	22.8	78.1	24.6	77.9	25.5	77.8	26.3	77.5	28.1
		-18.8	-19.0	81.4	22.2	81.1	23.9	80.9	25.6	80.7	26.4	80.6	27.3	80.3	29.0
		-16.7	-17.0	87.0	24.2	86.7	25.8	86.4	27.4	86.3	28.2	86.1	29.0	85.8	30.6
		-13.7	-15.0	92.6	26.0	92.3	27.5	92.0	29.0	91.8	29.7	91.7	30.5	91.4	31.9
		-11.8	-13.0	98.1	27.6	97.8	29.0	97.5	30.4	97.4	31.1	97.3	31.8	97.0	33.2
		-9.8	-11.0	104	29.0	103	30.3	103	31.6	103	32.3	103	32.9	103	34.2
		-9.5	-10.0	106	29.6	106	30.9	106	32.2	106	32.8	106	33.4	105	34.7
		-8.5	-9.1	109	30.1	109	31.4	108	32.6	108	33.3	108	33.9	108	35.2
		-7.0	-7.6	113	31.0	113	32.2	113	33.4	112	34.0	112	34.6	112	35.8
		-5.0	-5.6	119	32.0	118	33.2	118	34.3	118	34.9	118	35.5	118	36.6
		-3.0	-3.7	124	32.9	124	34.0	123	35.1	123	35.7	123	36.2	123	37.3
		0.0	-0.7	132	34.2	132	35.2	132	36.3	132	36.8	131	37.3	131	38.3
		3.0	2.2	140	35.3	140	36.3	140	37.2	140	37.7	140	38.2	139	39.2
		5.0	4.1	146	35.9	145	36.9	145	37.8	145	38.3	145	38.7	144	39.3
		7.0	6.0	151	36.5	151	37.4	150	38.3	150	38.8	150	39.2	144	37.7
		9.0	7.9	156	37.1	156	38.0	156	38.8	156	39.3	154	39.3	144	36.1
		11.0	9.8	162	37.6	161	38.5	161	39.3	160	39.3	154	37.7	144	34.7
		13.0	11.8	167	38.1	167	38.9	165	39.2	160	37.7	154	36.2	144	33.3
		15.0	13.7	172	38.6	172	39.4	165	37.7	160	36.3	154	34.9	144	32.1
100%	1,200	-19.8	-20.0	78.2	23.9	77.9	25.5	77.7	27.1	77.5	27.9	77.4	28.7	77.1	30.3
		-18.8	-19.0	81.0	24.9	80.7	26.4	80.4	28.0	80.3	28.8	80.2	29.5	79.9	31.1
		-16.7	-17.0	86.5	26.7	86.3	28.2	86.0	29.6	85.9	30.4	85.7	31.1	85.5	32.5
		-13.7	-15.0	92.1	28.4	91.8	29.7	91.6	31.1	91.4	31.7	91.3	32.4	91.0	33.8
		-11.8	-13.0	97.7	29.8	97.4	31.1	97.1	32.3	97.0	33.0	96.9	33.6	96.6	34.9
		-9.8	-11.0	103	31.1	103	32.3	103	33.5	103	34.1	102	34.7	102	35.9
		-9.5	-10.0	106	31.6	106	32.8	105	34.0	105	34.6	105	35.1	105	36.3
		-8.5	-9.1	109	32.1	108	33.3	108	34.4	108	35.0	108	35.6	107	36.7
		-7.0	-7.6	113	32.9	112	34.0	112	35.1	112	35.7	112	36.2	112	37.3
		-5.0	-5.6	118	33.9	118	34.9	118	36.0	118	36.5	117	37.0	117	38.0
		-3.0	-3.7	124	34.7	123	35.7	123	36.7	123	37.2	123	37.7	122	38.7
		0.0	-0.7	132	35.9	132	36.8	131	37.7	131	38.2	131	38.6	131	39.5
		3.0	2.2	140	36.8	140	37.7	139	38.6	139	39.0	139	39.5	131	36.8
		5.0	4.1	145	37.4	145	38.3	145	39.1	145	39.5	140	38.2	131	35.2
		7.0	6.0	151	38.0	150	38.8	150	39.6	145	38.1	140	36.6	131	33.7
		9.0	7.9	156	38.5	156	39.3	150	38.0	145	36.5	140	35.1	131	32.3
		11.0	9.8	161	39.0	160	39.3	150	36.5	145	35.1	140	33.8	131	31.1
		13.0	11.8	167	39.4	160	37.7	150	35.0	145	33.7	140	32.4	131	29.9
		15.0	13.7	169	38.9	160	36.3	150	33.7	145	32.5	140	31.3	131	28.9
90%	1,080	-19.8	-20.0	77.7	26.7	77.5	28.1	77.2	29.6	77.1	30.3	77.0	31.0	76.8	32.5
		-18.8	-19.0	80.5	27.6	80.3	29.0	80.0	30.4	79.9	31.1	79.8	31.8	79.6	33.2
		-16.7	-17.0	86.1	29.3	85.8	30.6	85.6	31.9	85.5	32.5	85.4	33.2	85.1	34.5
		-13.7	-15.0	91.6	30.7	91.4	32.0	91.2	33.2	91.0	33.8	90.9	34.4	90.7	35.6
		-11.8	-13.0	97.2	32.0	97.0	33.2	96.7	34.3	96.6	34.9	96.5	35.5	96.2	36.6
		-9.8	-11.0	103	33.2	103	34.2	102	35.3	102	35.9	102	36.4	102	37.5
		-9.5	-10.0	106	33.7	105	34.7	105	35.8	105	36.3	105	36.8	105	37.9
		-8.5	-9.1	108	34.1	108	35.2	108	36.2	107	36.7	107	37.2	107	38.2
		-7.0	-7.6	112	34.8	112	35.8	112	36.8	112	37.3	112	37.8	111	38.8
		-5.0	-5.6	118	35.7	118	36.6	117	37.6	117	38.0	117	38.5	117	39.5
		-3.0	-3.7	123	36.4	123	37.3	123	38.2	122	38.7	122	39.1	118	37.8
		0.0	-0.7	131	37.5	131	38.3	131	39.2	131	39.5	126	37.9	118	34.9
		3.0	2.2	139	38.4	139	39.2	135	38.2	131	36.7	126	35.3	118	32.5
		5.0	4.1	145	38.9	144	39.3	135	36.5	131	35.1	126	33.8	118	31.1
		7.0	6.0	150	39.4	144	37.6	135	35.0	131	33.7	126	32.4	118	29.9
		9.0	7.9	152	38.7	144	36.1	135	33.6	131	32.3	126	31.1	118	28.7
		11.0	9.8	152	37.1	144	34.7	135	32.3	131	31.1	126	29.9	118	27.7
		13.0	11.8	152	35.7	144	33.3	135	31.0	131	29.9	126	28.8	118	26.6
		15.0	13.7	152	34.4	144	32.1	135	29.9	131	28.9	126	27.8	118	25.7

3 Capacity tables

3 - 2 Heating capacity tables

48HP

TC: Total capacity: kW ; PI: Power input: kW (Comp. + Outdoor fan motor)

Combination (%)	Capacity index	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
80%	960	-19.8	-20.0	77.3	29.5	77.0	30.8	76.8	32.1	76.7	32.7	76.6	33.4	76.4	34.6
		-18.8	-19.0	80.0	30.3	79.8	31.6	79.6	32.8	79.5	33.4	79.4	34.0	79.2	35.3
		-16.7	-17.0	85.6	31.8	85.4	33.0	85.2	34.1	85.1	34.7	85.0	35.3	84.8	36.4
		-13.7	-15.0	91.2	33.1	91.0	34.2	90.7	35.3	90.6	35.8	90.5	36.4	90.3	37.4
		-11.8	-13.0	96.7	34.3	96.5	35.3	96.3	36.3	96.2	36.8	96.1	37.3	95.9	38.3
		-9.8	-11.0	102	35.3	102	36.2	102	37.2	102	37.7	102	38.2	101	39.1
		-9.5	-10.0	105	35.7	105	36.7	105	37.6	105	38.1	104	38.5	104	39.5
		-8.5	-9.1	108	36.1	107	37.1	107	38.0	107	38.4	107	38.9	105	38.5
		-7.0	-7.6	112	36.8	112	37.6	111	38.5	111	39.0	111	39.4	105	36.8
		-5.0	-5.6	117	37.5	117	38.4	117	39.2	116	39.3	112	37.7	105	34.7
		-3.0	-3.7	123	38.2	122	39.0	120	38.7	116	37.2	112	35.8	105	32.9
		0.0	-0.7	131	39.1	128	38.4	120	35.7	116	34.4	112	33.1	105	30.5
		3.0	2.2	135	38.3	128	35.8	120	33.3	116	32.1	112	30.8	105	28.5
		5.0	4.1	135	36.6	128	34.2	120	31.9	116	30.7	112	29.5	105	27.3
		7.0	6.0	135	35.1	128	32.8	120	30.6	116	29.5	112	28.4	105	26.2
		9.0	7.9	135	33.7	128	31.5	120	29.4	116	28.3	112	27.3	105	25.2
		11.0	9.8	135	32.4	128	30.3	120	28.3	116	27.3	112	26.3	105	24.3
		13.0	11.8	135	31.1	128	29.1	120	27.2	116	26.2	112	25.3	105	23.5
		15.0	13.7	135	30.0	128	28.1	120	26.3	116	25.4	112	24.5	105	22.7
70%	840	-19.8	-20.0	76.8	32.3	76.6	33.5	76.4	34.6	76.3	35.1	76.2	35.7	76.1	36.8
		-18.8	-19.0	79.6	33.0	79.4	34.1	79.2	35.2	79.1	35.8	79.0	36.3	78.8	37.4
		-16.7	-17.0	85.1	34.4	85.0	35.4	84.8	36.4	84.7	36.9	84.6	37.4	84.4	38.4
		-13.7	-15.0	90.7	35.5	90.5	36.4	90.3	37.4	90.2	37.9	90.2	38.3	90.0	39.3
		-11.8	-13.0	96.3	36.5	96.1	37.4	95.9	38.3	95.8	38.7	95.7	39.2	91.5	37.5
		-9.8	-11.0	102	37.4	102	38.2	101	39.1	101	39.5	98.3	38.1	91.5	35.0
		-9.5	-10.0	105	37.8	104	38.6	104	39.4	102	38.3	98.3	36.8	91.5	33.9
		-8.5	-9.1	107	38.1	107	38.9	105	38.7	102	37.3	98.3	35.8	91.5	33.0
		-7.0	-7.6	111	38.7	111	39.5	105	37.0	102	35.6	98.3	34.2	91.5	31.5
		-5.0	-5.6	117	39.4	112	37.5	105	34.9	102	33.6	98.3	32.3	91.5	29.8
		-3.0	-3.7	118	38.1	112	35.6	105	33.1	102	31.9	98.3	30.7	91.5	28.3
		0.0	-0.7	118	35.2	112	32.9	105	30.6	102	29.5	98.3	28.4	91.5	26.3
		3.0	2.2	118	32.8	112	30.7	105	28.6	102	27.6	98.3	26.6	91.5	24.6
		5.0	4.1	118	31.4	112	29.4	105	27.4	102	26.5	98.3	25.5	91.5	23.6
		7.0	6.0	118	30.1	112	28.2	105	26.3	102	25.4	98.3	24.5	91.5	22.7
		9.0	7.9	118	28.9	112	27.1	105	25.4	102	24.5	98.3	23.6	91.5	21.9
		11.0	9.8	118	27.9	112	26.1	105	24.4	102	23.6	98.3	22.8	91.5	21.2
		13.0	11.8	118	26.8	112	25.2	105	23.6	102	22.8	98.3	22.0	91.5	20.4
		15.0	13.7	118	25.9	112	24.3	105	22.8	102	22.0	98.3	21.2	91.5	19.8
60%	720	-19.8	-20.0	76.3	35.1	76.2	36.1	76.0	37.1	75.9	37.6	75.9	38.0	75.7	39.0
		-18.8	-19.0	79.1	35.8	79.0	36.7	78.8	37.6	78.7	38.1	78.6	38.6	78.4	39.4
		-16.7	-17.0	84.7	36.9	84.5	37.8	84.4	38.6	84.3	39.1	84.2	39.5	78.4	36.3
		-13.7	-15.0	90.2	37.9	90.1	38.7	89.9	39.5	87.1	38.0	84.2	36.5	78.4	33.6
		-11.8	-13.0	95.8	38.7	95.7	39.5	90.0	36.8	87.1	35.4	84.2	34.0	78.4	31.3
		-9.8	-11.0	101	39.5	95.8	36.9	90.0	34.4	87.1	33.1	84.2	31.8	78.4	29.4
		-9.5	-10.0	102	38.3	95.8	35.8	90.0	33.3	87.1	32.0	84.2	30.8	78.4	28.5
		-8.5	-9.1	102	37.2	95.8	34.8	90.0	32.4	87.1	31.2	84.2	30.0	78.4	27.7
		-7.0	-7.6	102	35.6	95.8	33.2	90.0	30.9	87.1	29.8	84.2	28.7	78.4	26.5
		-5.0	-5.6	102	33.6	95.8	31.4	90.0	29.2	87.1	28.2	84.2	27.2	78.4	25.1
		-3.0	-3.7	102	31.9	95.8	29.8	90.0	27.8	87.1	26.8	84.2	25.9	78.4	24.0
		0.0	-0.7	102	29.5	95.8	27.6	90.0	25.8	87.1	24.9	84.2	24.0	78.4	22.3
		3.0	2.2	102	27.6	95.8	25.9	90.0	24.2	87.1	23.4	84.2	22.5	78.4	20.9
		5.0	4.1	102	26.4	95.8	24.8	90.0	23.2	87.1	22.4	84.2	21.7	78.4	20.1
		7.0	6.0	102	25.4	95.8	23.9	90.0	22.3	87.1	21.6	84.2	20.9	78.4	19.4
		9.0	7.9	102	24.5	95.8	23.0	90.0	21.5	87.1	20.8	84.2	20.1	78.4	18.7
		11.0	9.8	102	23.6	95.8	22.2	90.0	20.8	87.1	20.1	84.2	19.4	78.4	18.1
		13.0	11.8	102	22.7	95.8	21.4	90.0	20.1	87.1	19.4	84.2	18.8	78.4	17.5
		15.0	13.7	102	22.0	95.8	20.7	90.0	19.4	87.1	18.8	84.2	18.2	78.4	17.0
50%	600	-19.8	-20.0	75.9	38.0	75.7	38.8	75.0	39.1	72.6	37.6	70.2	36.1	65.4	33.3
		-18.8	-19.0	78.7	38.5	78.5	39.3	75.0	37.4	72.6	36.0	70.2	34.6	65.4	31.9
		-16.7	-17.0	84.2	39.4	79.8	37.1	75.0	34.5	72.6	33.2	70.2	31.9	65.4	29.4
		-13.7	-15.0	84.6	36.8	79.8	34.3	75.0	31.9	72.6	30.8	70.2	29.6	65.4	27.4
		-11.8	-13.0	84.6	34.2	79.8	32.0	75.0	29.8	72.6	28.7	70.2	27.7	65.4	25.6
		-9.8	-11.0	84.6	32.0	79.8	29.9	75.0	27.9	72.6	27.0	70.2	26.0	65.4	24.1
		-9.5	-10.0	84.6	31.0	79.8	29.0	75.0	27.1	72.6	26.1	70.2	25.2	65.4	23.4
		-8.5	-9.1	84.6	30.2	79.8	28.3	75.0	26.4	72.6	25.5	70.2	24.6	65.4	22.8
		-7.0	-7.6	84.6	28.9	79.8	27.1	75.0	25.3	72.6	24.4	70.2	23.6	65.4	21.9
		-5.0	-5.6	84.6	27.3	79.8	25.6	75.0	24.0	72.6	23.2	70.2	22.3	65.4	20.8
		-3.0	-3.7	84.6	26.0	79.8	24.4	75.0	22.8	72.6	22.1	70.2	21.3	65.4	19.8
		0.0	-0.7	84.6	24.2	79.8	22.7	75.0	21.3	72.6	20.6	70.2	19.9	65.4	18.5
		3.0	2.2	84.6	22.7	79.8	21.3	75.0	20.0	72.6	19.4	70.2	18.7	65.4	17.4
		5.0	4.1	84.6	21.8	79.8	20.5	75.0	19.2	72.6	18.6	70.2	18.0	65.4	16.8
		7.0	6.0	84.6	21.0	79.8	19.7	75.0	18.6	72.6	18.0	70.2	17.4	65.4	16.2
		9.0	7.9	84.6	20.2	79.8	19.1	75.0	17.9	72.6	17.4	70.2	16.8	65.4	15.7
		11.0	9.8	84.6	19.5	79.8	18.4	75.0	17.3	72.6	16.8	70.2	16.3	65.4	15.2
		13.0	11.8	84.6	18.9	79.8	17.8	75.0	16.8	72.6	16.2	70.2	15.7	65.4	14.7
		15.0	13.7	84.6	18.3	79.8	17.3	75.0	16.3	72.6	15.8	70.2	15.3	65.4	14.3

NOTES

1 is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by

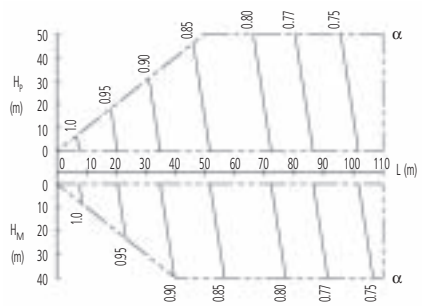
2 The above table shows the average value of conditions which may occur.

3

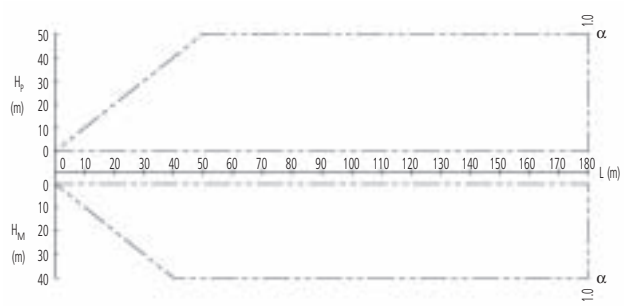
4 Capacity correction factor

RX(Y)Q5M

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D048204A

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
  x capacity change rate due to piping length to the farthest indoor unit
- Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
  x capacity change rate due to piping length to the farthest indoor unit

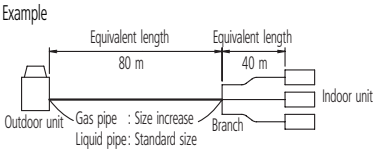
4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	gas	liquid
RX(Y)Q5M	ø 19.1	Not increased

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	-

Example



In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 1.0 + 40m = 120m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.78
The rate of change in heating capacity when Hp=0m is thus approximately 1.0

EXPLANATION OF SYMBOLS

H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Rate of change in cooling/heating capacity

Diameter of the main pipes (standard size)

Model	gas	liquid
RX(Y)Q5M	ø 15.9	ø 9.5

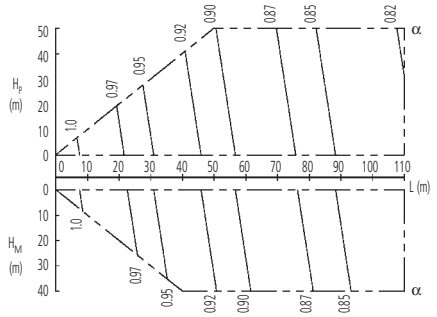
Temper grade and Thickness

Temper grade	O Type		1/2H Type
Outer diameter	ø 9.5	ø 15.9	ø 19.1
Minimum wall thickness	0.80	0.99	0.80

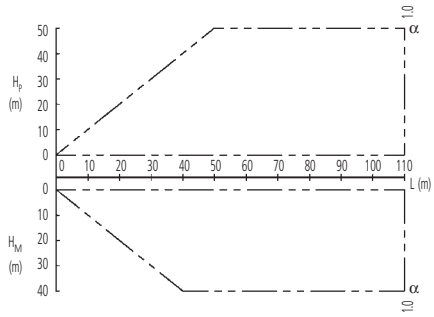
4 Capacity correction factor

RXYQ8,22M

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D048205B

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
  x capacity change rate due to piping length to the farthest indoor unit
- Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
  x capacity change rate due to piping length to the farthest indoor unit

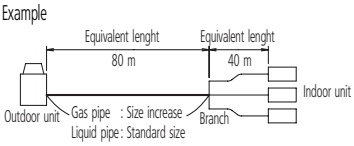
4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	gas	liquid
RXYQ8M	ø 22.2	ø 12.7
RXYQ22M	ø 31.8	ø 19.1

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.5

6 Example



In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.86
The rate of change in heating capacity when Hp=0m is thus approximately 1.0

EXPLANATION OF SYMBOLS

H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Rate of change in cooling/heating capacity

Diameter of the main pipes (standard size)

Model	gas	liquid
RXYQ8M	ø 19.1	ø 9.5
RXYQ22M	ø 28.6	ø 15.9

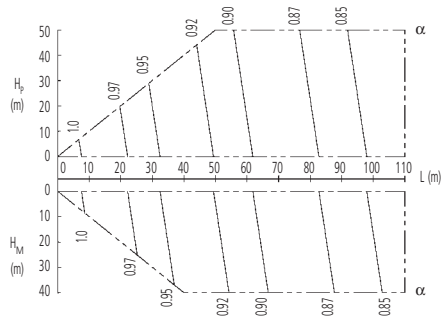
Temper grade and Thickness

Temper grade	O Type			1/2H Type			
Outer diameter	ø 9.5	ø 12.7	ø 15.9	ø 19.1	ø 22.2	ø 28.6	ø 31.8
Minimum wall Thickness	0.80	0.80	0.99	0.80	0.80	0.99	1.10

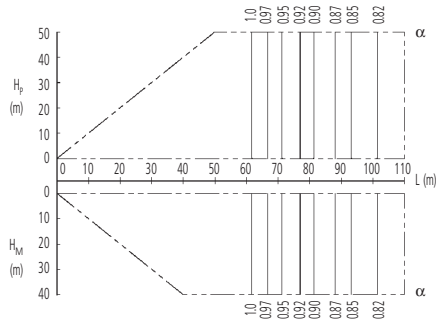
4 Capacity correction factor

RX(Y)Q10M

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D048206B

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
  x capacity change rate due to piping length to the farthest indoor unit
- Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
  x capacity change rate due to piping length to the farthest indoor unit

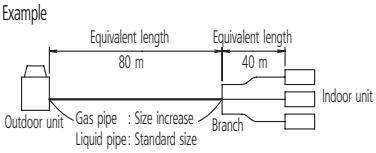
4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	gas	liquid
RX(Y)Q10M	ø 25.4	ø 12.7

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.5

6 Example



In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.87
The rate of change in heating capacity when Hp=0m is thus approximately 0.90

EXPLANATION OF SYMBOLS

H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Rate of change in cooling/heating capacity

Diameter of the main pipes (standard size)

Model	gas	liquid
RX(Y)Q10M	ø 22.2	ø 9.5

Temper grade and Thickness

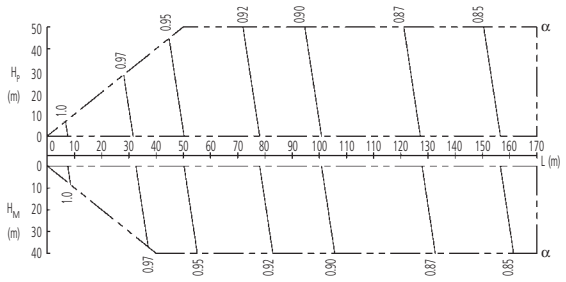
Temper grade	O Type		1/2H Type	
Outer diameter	ø 9.5	ø 12.7	ø 22.2	ø 25.4
Minimum wall Thickness	0.80	0.80	0.80	0.88

4

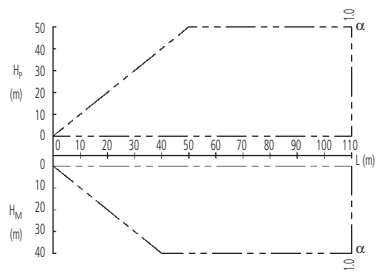
4 Capacity correction factor

RXYQ12, 14, 24, 36M

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D048207B

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
  x capacity change rate due to piping length to the farthest indoor unit
- Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
  x capacity change rate due to piping length to the farthest indoor unit

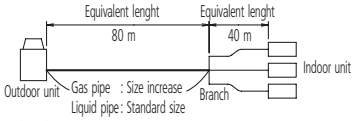
4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	gas	liquid
RXYQ12, 14M	Not increased	ø 15.9
RXYQ24M		ø 19.1
RXYQ36M		ø 22.2

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.5

Example



In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m = 120m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.88
The rate of change in heating capacity when Hp=0m is thus approximately 1.0

EXPLANATION OF SYMBOLS

H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Rate of change in cooling/heating capacity

Diameter of the main pipes (standard size)

Model	gas	liquid
RXYQ12, 14M	ø 28.6	ø 12.7
RXYQ24M	ø 34.9	ø 15.9
RXYQ36M	ø 41.3	ø 19.1

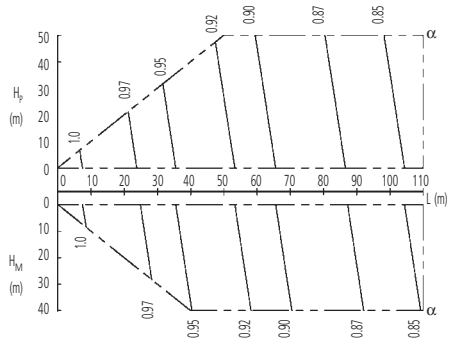
Temper grade and Thickness

Temper grade	O Type		1/2H Type				
Outer diameter	ø 12.7	ø 15.9	ø 19.1	ø 22.2	ø 28.6	ø 34.9	ø 41.3
Minimum wall Thickness	0.80	0.99	0.80	0.80	0.99	1.21	1.43

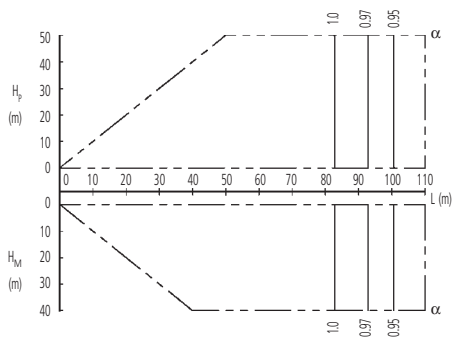
4 Capacity correction factor

RXYQ16M

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D048208B

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
  x capacity change rate due to piping length to the farthest indoor unit
- Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
  x capacity change rate due to piping length to the farthest indoor unit

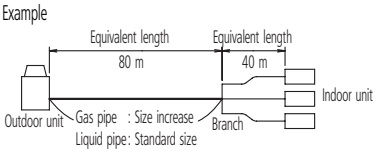
4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	gas	liquid
RXYQ16M	ø 31.8	ø 15.9

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.5

Example



In the above case
(Cooling) Overall equivalent length = 80m x 0.5 + 40m = 80m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.88
The rate of change in heating capacity when Hp=0m is thus approximately 1.0

EXPLANATION OF SYMBOLS

H_p : Level difference (m) between indoor and outdoor units with indoor unit in inferior position
H_M : Level difference (m) between indoor and outdoor units with indoor unit in superior position
L : Equivalent pipe length (m)
α : Rate of change in cooling/heating capacity

Diameter of the main pipes (standard size)

Model	gas	liquid
RXYQ16M	ø 28.6	ø 12.7

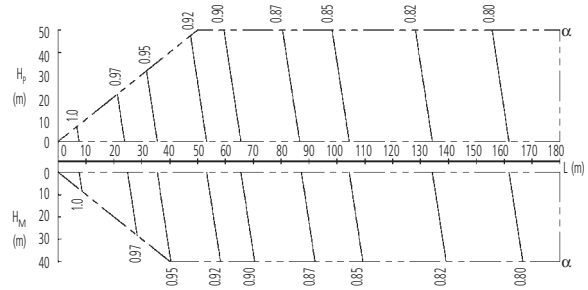
Temper grade and Thickness

Temper grade	O Type		1/2H Type	
Outer diameter	ø 12.7	ø 15.9	ø 28.6	ø 31.8
Minimum wall Thickness	0.80	0.99	0.99	1.10

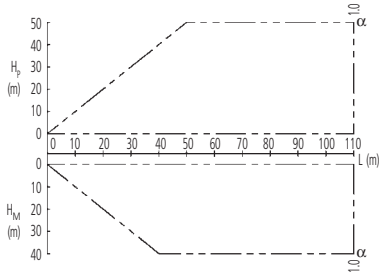
4 Capacity correction factor

RXYQ18,26,28,30,38,40,42,44M9

- Rate of change in cooling capacity



- Rate of change in heating capacity



3D048213B

NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units
- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from performance characteristics table at the 100% combination x capacity change rate due to piping length to the farthest indoor unit
  Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristics table at the combination x capacity change rate due to piping length to the farthest indoor unit

4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased except for the gas pipe of 38, 40, 42, 44M type.
[Diameter of above case]

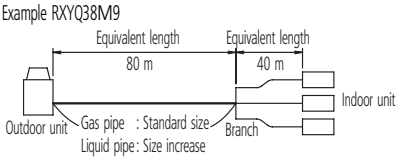
Model	gas	liquid
RXYQ18M9	ø 31.8	ø 19.1
RXYQ26,28,30M9	ø 38.1 ※	ø 22.2
RXYQ38,40,42,44M9	Not increased	ø 22.2

※ If available on the site, use the size. Otherwise, not increased

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.5

Example RXYQ38M9



In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m = 120m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.83
The rate of change in heating capacity when Hp=0m is thus approximately 1.0

EXPLANATION OF SYMBOLS

1 H_p : Level difference (m) between indoor and outdoor units where indoor unit in inferior position
2 H_M : Level difference (m) between indoor and outdoor units where indoor unit in superior position
3 L : Equivalent pipe length (m)
4 α : Rate of change in cooling / heating capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ18M9	ø 28.6	ø 15.9
RXYQ26,28,30M9	ø 34.9	ø 19.1
RXYQ38,40,42,44M9	ø 41.3	ø 19.1

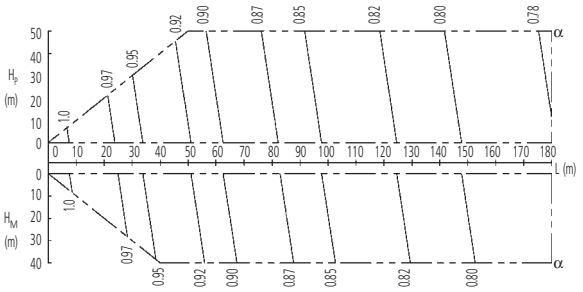
[Temper grade and thickness]]

Temper grade	O Type	1/2 H Type						
Outer diameter	ø 15.9	ø 19.1	ø 22.2	ø 28.6	ø 31.8	ø 34.9	ø 38.1	ø 41.3
Maximum wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32	1.43

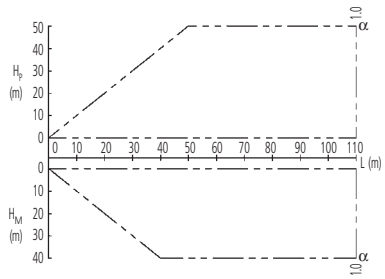
4 Capacity correction factor

RXYQ20,32,34,46M9

- Rate of change in cooling capacity



- Rate of change in heating capacity



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NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units

- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from performance characteristics table at the 100% combination x capacity change rate due to piping length to the farthest indoor unit
  Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristics table at the combination x capacity change rate due to piping length to the farthest indoor unit

4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased except for the gas pipe of 46M type.
[Diameter of above case]

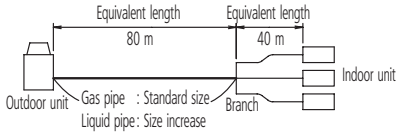
Model	gas	liquid
RXYQ20M9	ø 31.8	ø 19.1
RXYQ32,34M9	ø 38.1 ※	ø 22.2
RXYQ46M9	Not increased	ø 22.2

※ If available on the site, use the size. Otherwise, not increased

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.5

Example RXYQ46M9



In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m = 120m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.82
The rate of change in heating capacity when Hp=0m is thus approximately 1.0

EXPLANATION OF SYMBOLS

1 H_p : Level difference (m) between indoor and outdoor units where indoor unit in inferior position
2 H_M : Level difference (m) between indoor and outdoor units where indoor unit in superior position
3 L : Equivalent pipe length (m)
4 α : Rate of change in cooling / heating capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ20M9	ø 28.6	ø 15.9
RXYQ32,34M9	ø 34.9	ø 19.1
RXYQ46M9	ø 41.3	ø 19.1

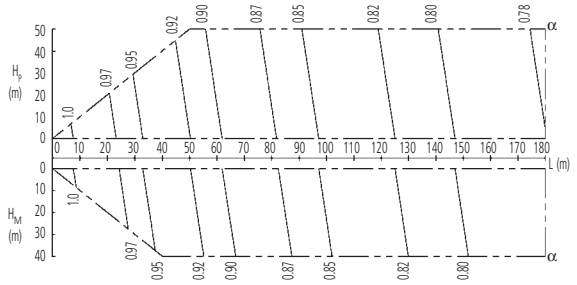
[Temper grade and thickness]]

Temper grade	O Type	1/2 H Type						
Outer diameter	ø 15.9	ø 19.1	ø 22.2	ø 28.6	ø 31.8	ø 34.9	ø 38.1	ø 41.3
Minimum wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32	1.43

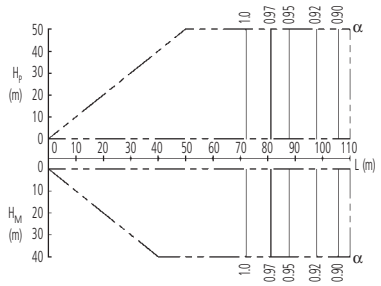
4 Capacity correction factor

RXYQ48M9

- Rate of change in cooling capacity



- Rate of change in heating capacity



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NOTES

1 These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2 With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3 Method of calculating A/C (cooling / heating) capacity:
The maximum A/C of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
Calculating A/C capacity of outdoor units
- Condition: Indoor unit combination ratio does not exceed 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from performance characteristics table at the 100% combination x capacity change rate due to piping length to the farthest indoor unit
  Condition: Indoor unit combination ratio exceeds 100%
  Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristics table at the combination x capacity change rate due to piping length to the farthest indoor unit

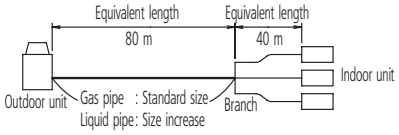
4 When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	gas	liquid
RXYQ48M9	Not increased	ø 22.2

5 Read cooling / heating capacity rate of change in the above figures based on the following equivalent length.
Overall equivalent length = (Equivalent length to main pipe) x Correction factor + (Equivalent length after branching)
Choose a correction factor from the following table.
When cooling capacity is calculated: gas pipe size
When heating capacity is calculated: liquid pipe size.

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	
Heating (liquid pipe)	1.0	0.5

Example



In the above case
(Cooling) Overall equivalent length = 80m x 1.0 + 40m = 120m
(Heating) Overall equivalent length = 80m x 0.5 + 40m = 80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.82
The rate of change in heating capacity when Hp=0m is thus approximately 0,97

EXPLANATION OF SYMBOLS

1 H_p : Level difference (m) between indoor and outdoor units where indoor unit in inferior position
2 H_M : Level difference (m) between indoor and outdoor units where indoor unit in superior position
3 L : Equivalent pipe length (m)
4 α : Rate of change in cooling / heating capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ48M9	ø 41.3	ø 19.1

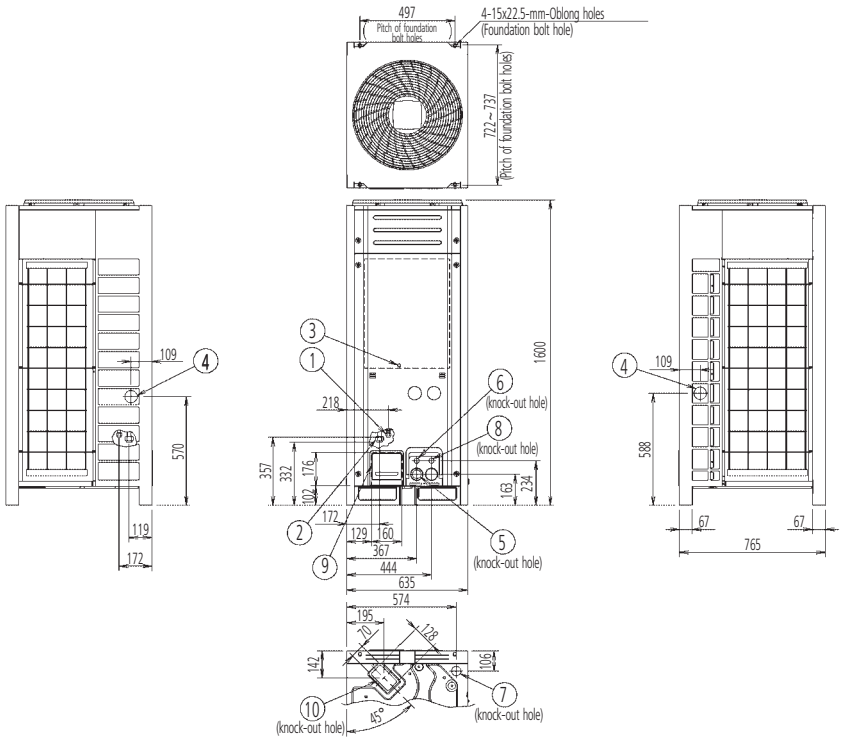
[Temper grade and thickness]]

Temper grade	1/2 H Type		
Outer diameter	ø 19.1	ø 22.2	ø 41.3
Minimum wall Thickness	0.80	0.80	1.43

5 Dimensional drawing & centre of gravity

5 - 1 Dimensional drawing

RX(Y)Q5M



No.	Parts name	Remarks
1	Liquid pipe connection port	ø9.5 Flare connection
2	Gas pipe connection port	ø15.9 Flare connection
3	Grounding terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø62
5	Power cord routing hole (front)	ø45
6	Power cord routing hole (front)	ø27
7	Power cord routing hole (bottom)	ø50
8	Wire routing hole (front)	ø27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	See note 1.

NOTES

1 Refer to the installation instructions when the pipes are routed through the bottom of the unit.

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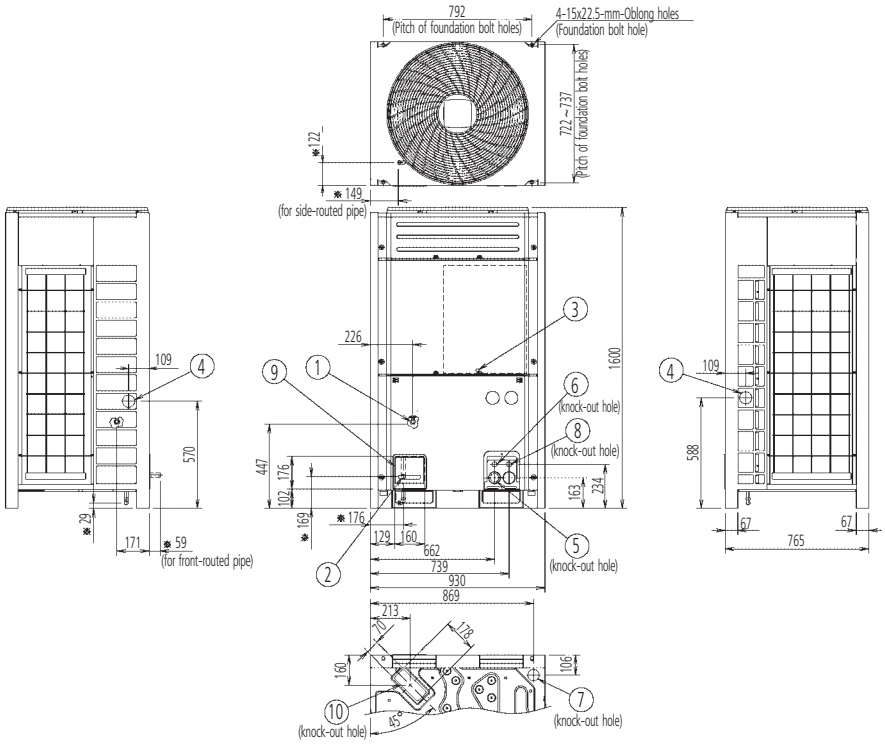
RX(Y)Q8, 10M



No.	Parts name	Remarks
1	Liquid pipe connection port	ø9.5 Flare connection
2	Gas pipe connection port	See note 3.
3	Grounding terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø62
5	Power cord routing hole (front)	ø45
6	Power cord routing hole (front)	ø27
7	Power cord routing hole (bottom)	ø50
8	Wire routing hole (front)	ø27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	See note 2.

NOTES

1 The dimensions marked by an asterisk (*) are those with the installation of the provided pipes.

2 Refer to the installation instructions when the pipes are routed through the bottom of the unit.

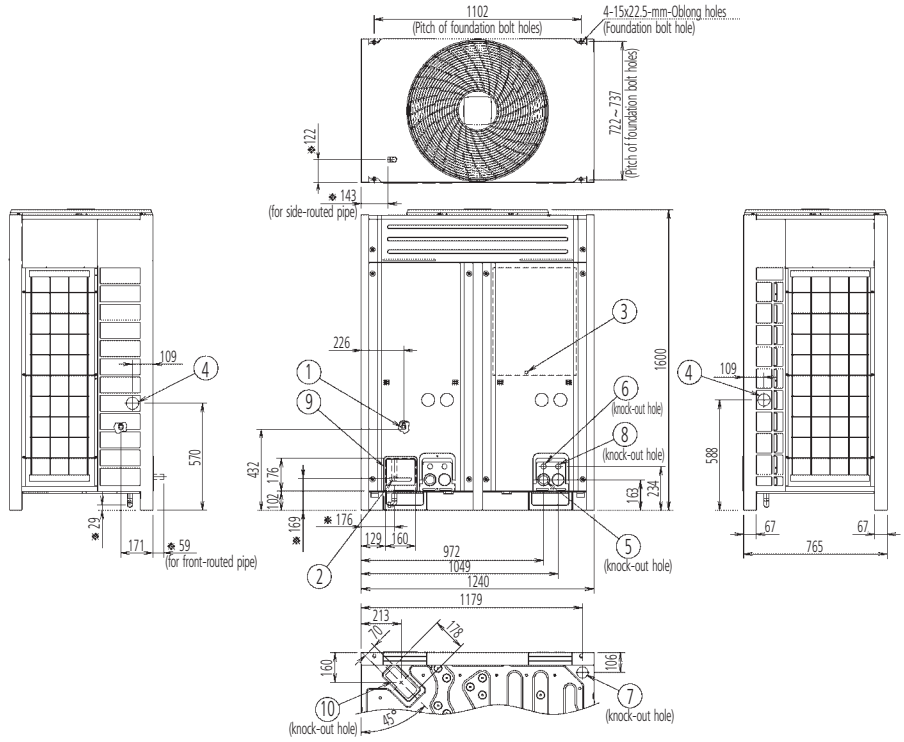
3 [Heat pump type]
ø19.1 Brazing connection 8HP
ø22.2 Brazing connection 10HP
[Cooling only type]
ø19.1 Brazing connection 8HP
ø22.2 Brazing connection 10HP

3D048006B

5 Dimensional drawing & centre of gravity

5 - 1 Dimensional drawing

RXYQ12, 14, 16M



No.	Parts name	Remarks
1	Liquid pipe connection port	ø12.7 Flare connection
2	Gas pipe connection port	See note 3.
3	Grounding terminal	Inside of switch box (M8)
4	Power cord routing hole (side)	ø62
5	Power cord routing hole (front)	ø45
6	Power cord routing hole (front)	ø27
7	Power cord routing hole (bottom)	ø50
8	Wire routing hole (front)	ø27
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	See note 2.

NOTES

1 The dimensions marked by an asterisk (*) are those with the installation of the provided pipes.

2 Refer to the installation instructions when the pipes are routed through the bottom of the unit.

3 [Heat pump type]
ø28.6 Brazing connection 12, 14, 16HP

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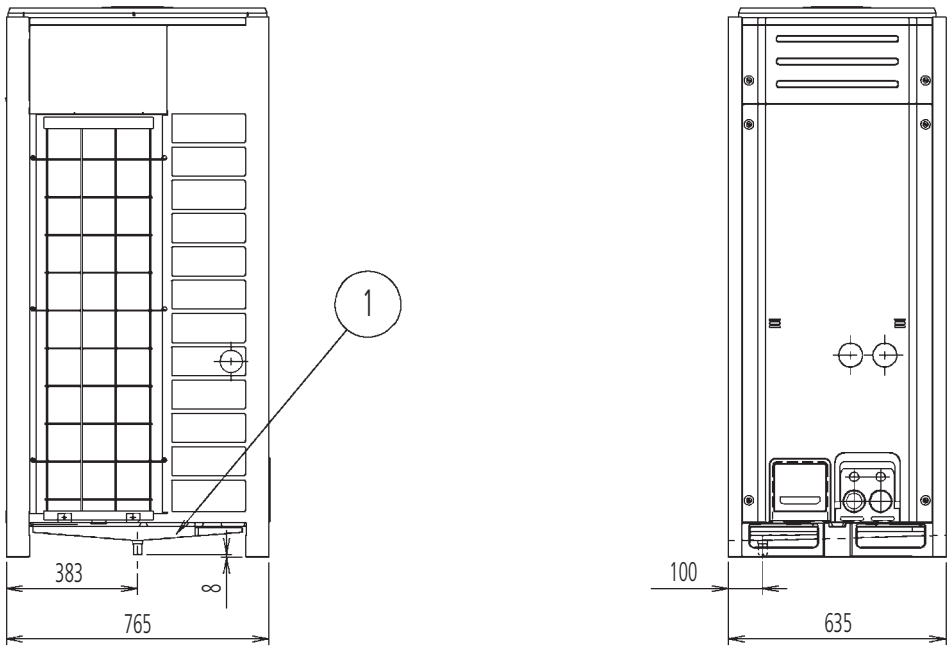
RX(Y)Q5M



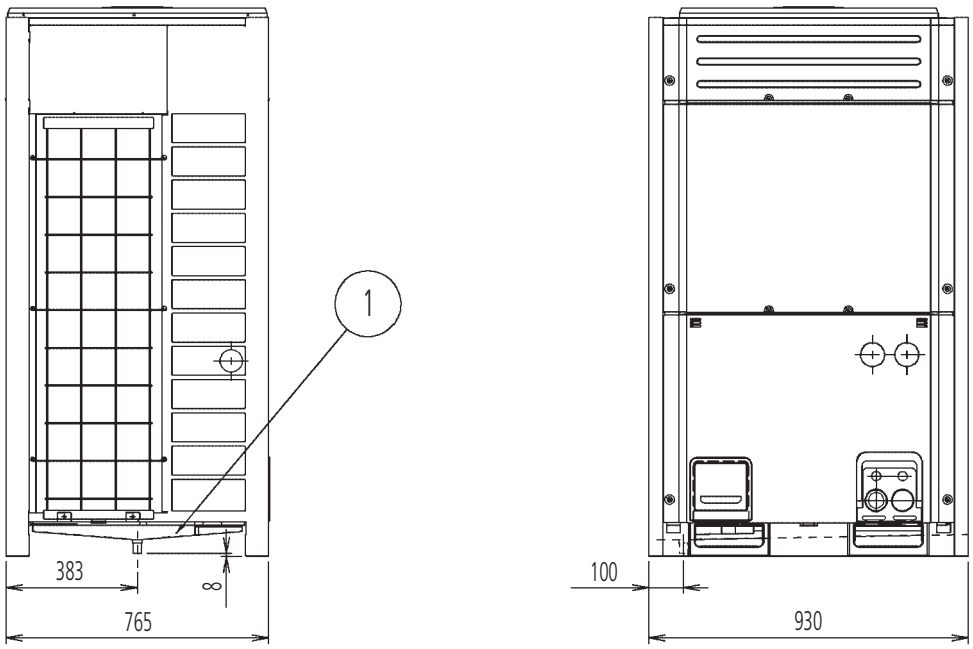
Parts No.	Part name	Remark
1	Central drain pan kit	KWC26B160

3D041016A

5 Dimensional drawing & centre of gravity

5 - 1 Dimensional drawing

RX(Y)Q8, 10M



Parts No.	Part name	Remark
1	Central drain pan kit	KWC26B280

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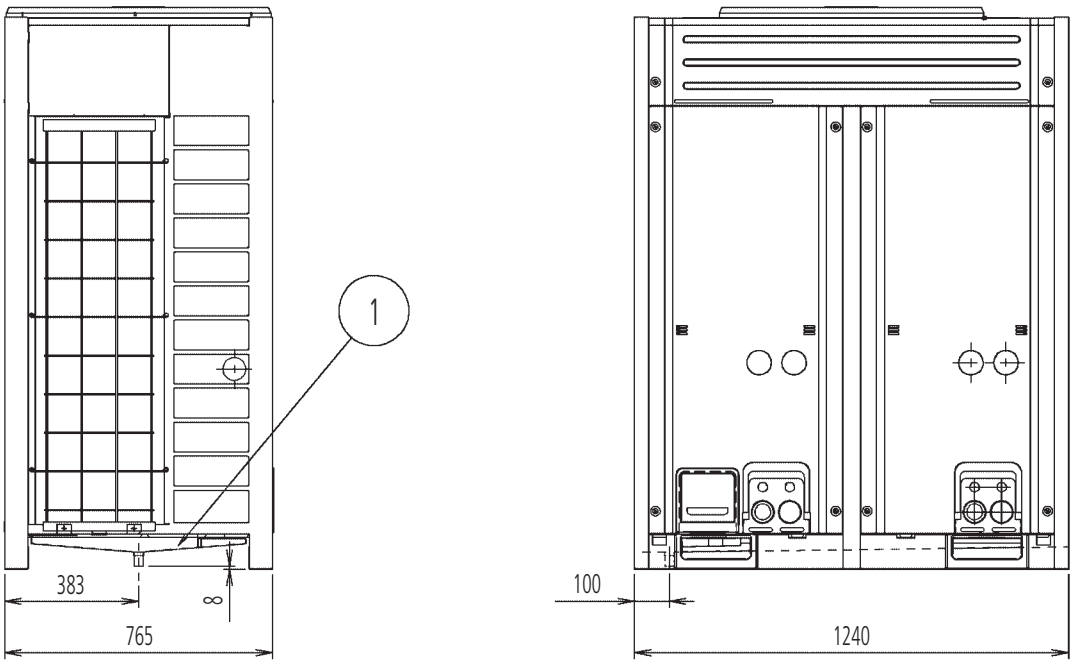
RXYQ12, 14, 16M



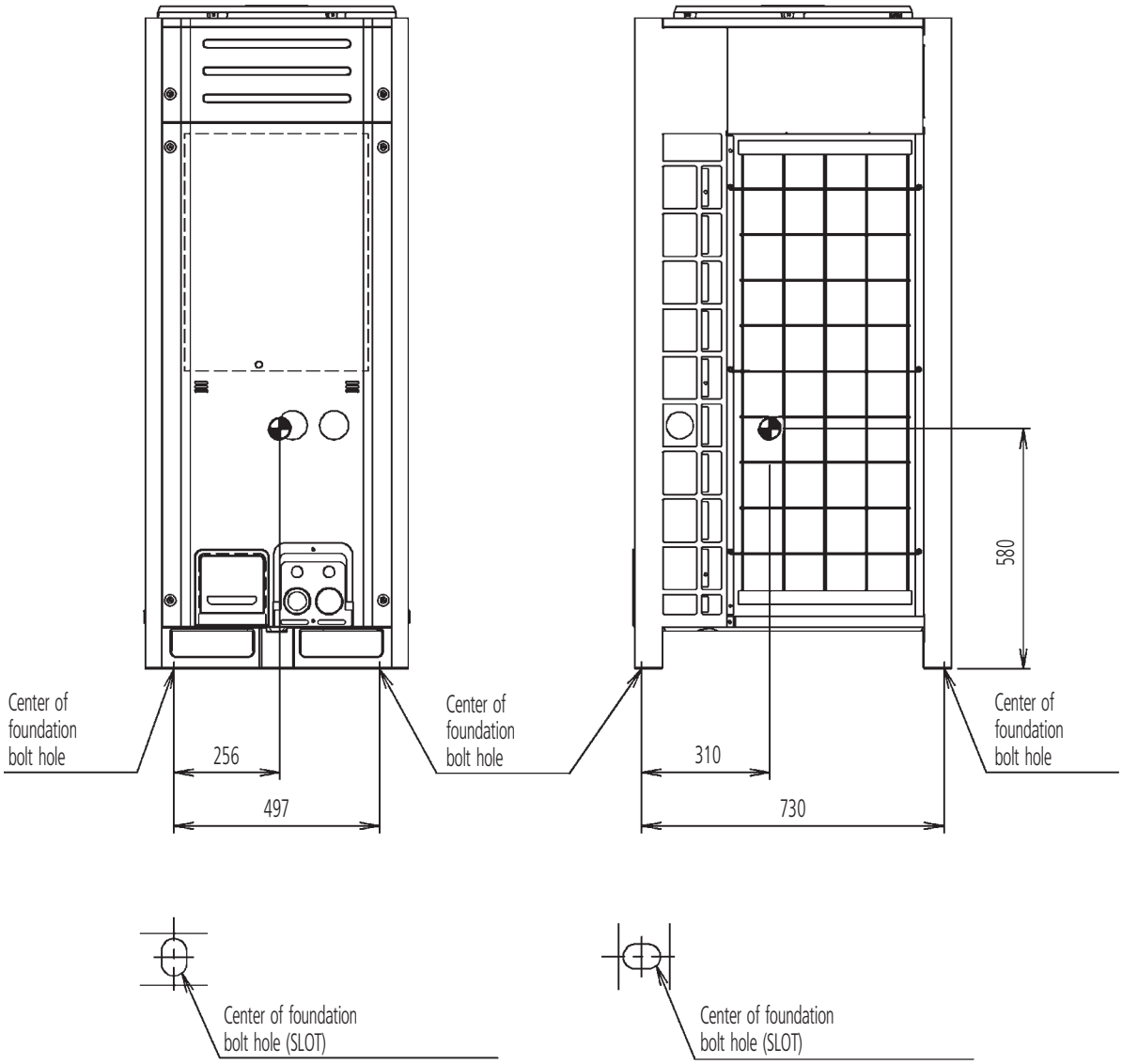
Parts No.	Part name	Remark
1	Central drain pan kit	KWC26B450

3D041018B

5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

RX(Y)Q5M

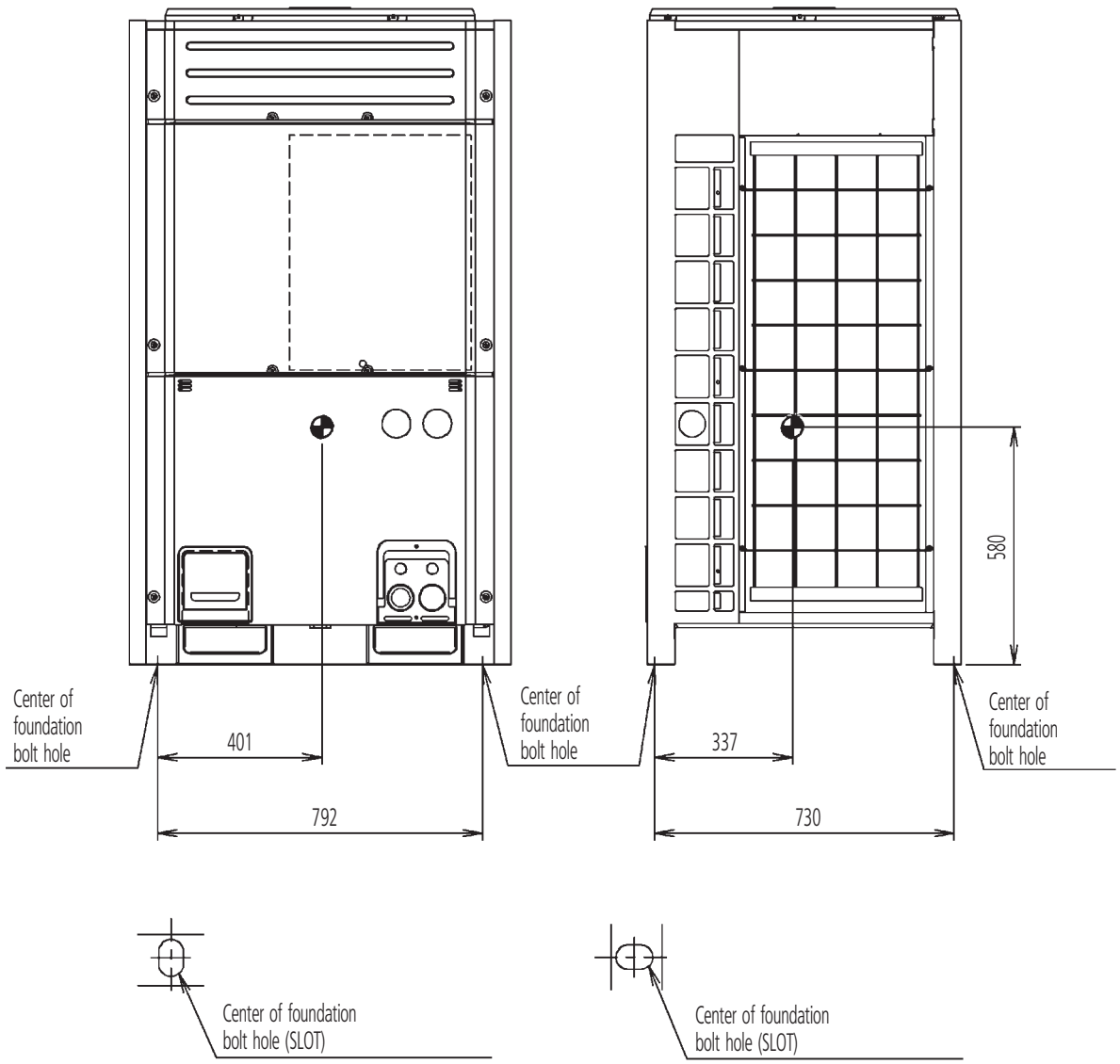


4D048181

5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

RX(Y)Q8, 10M

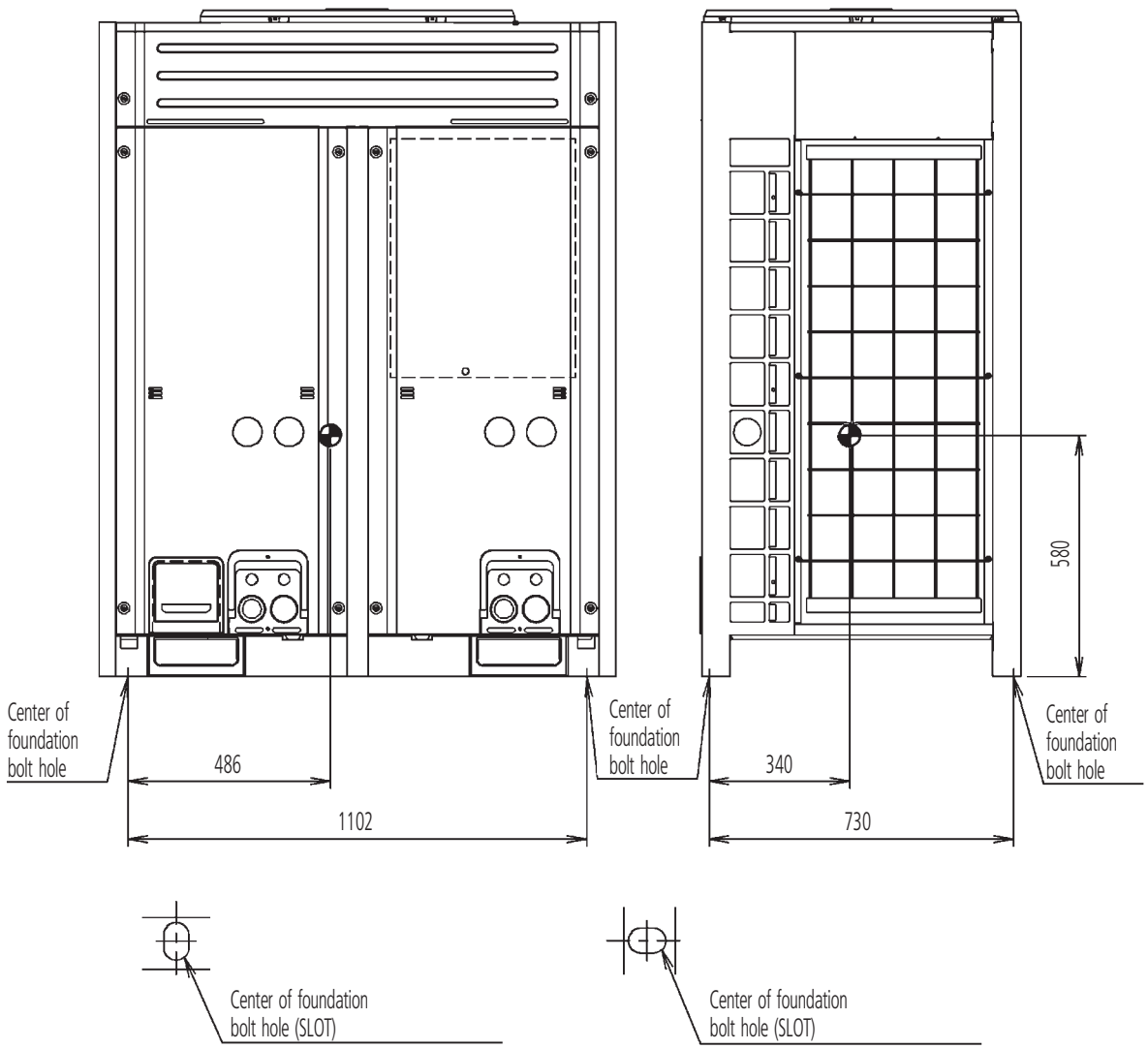


4D048182A

5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

RXYQ12M

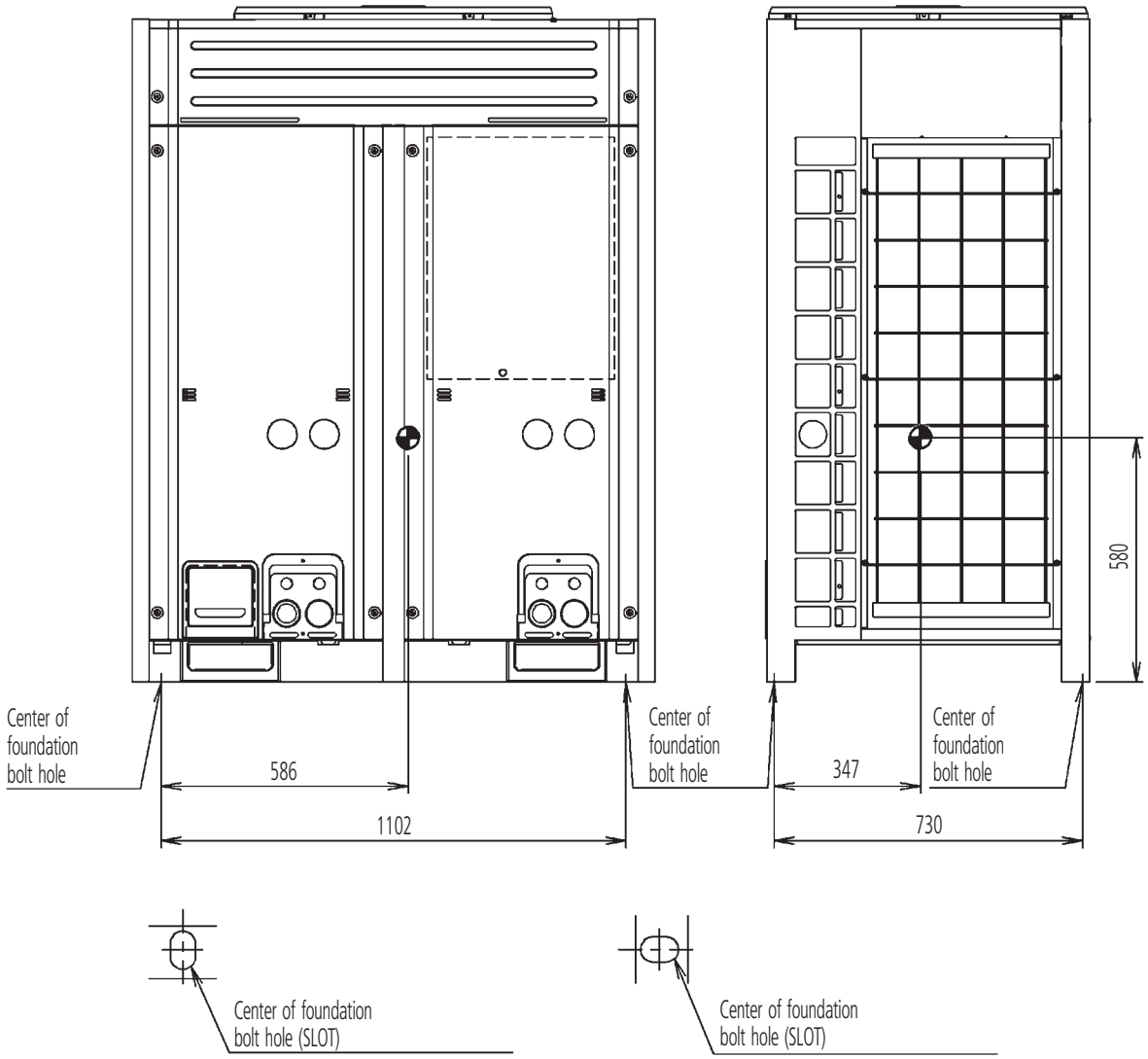


4D048183A

5 Dimensional drawing & centre of gravity

5 - 2 Centre of gravity

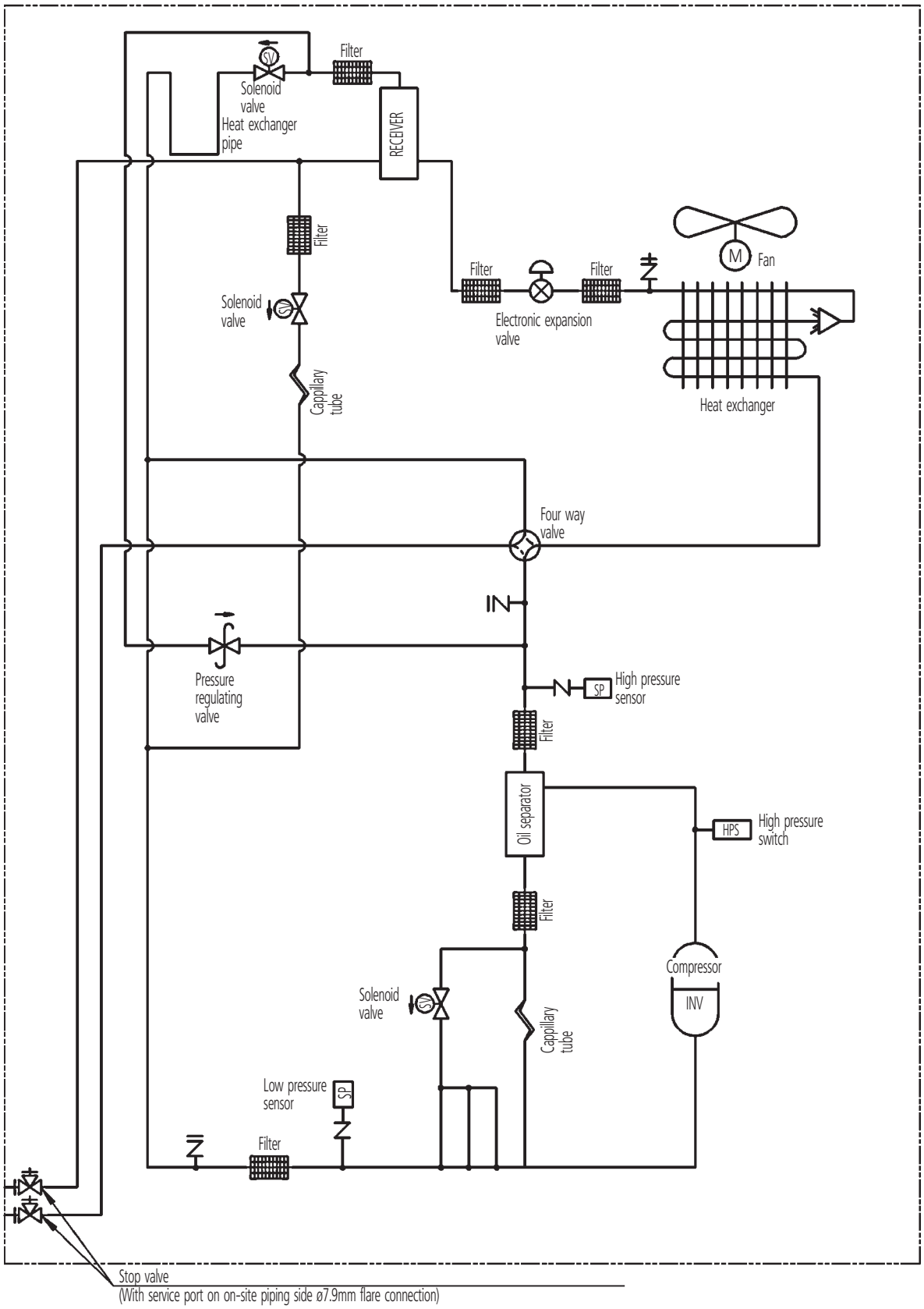
RXYQ14, 16M



4D048184A

6 Piping diagram

RXYQ5M

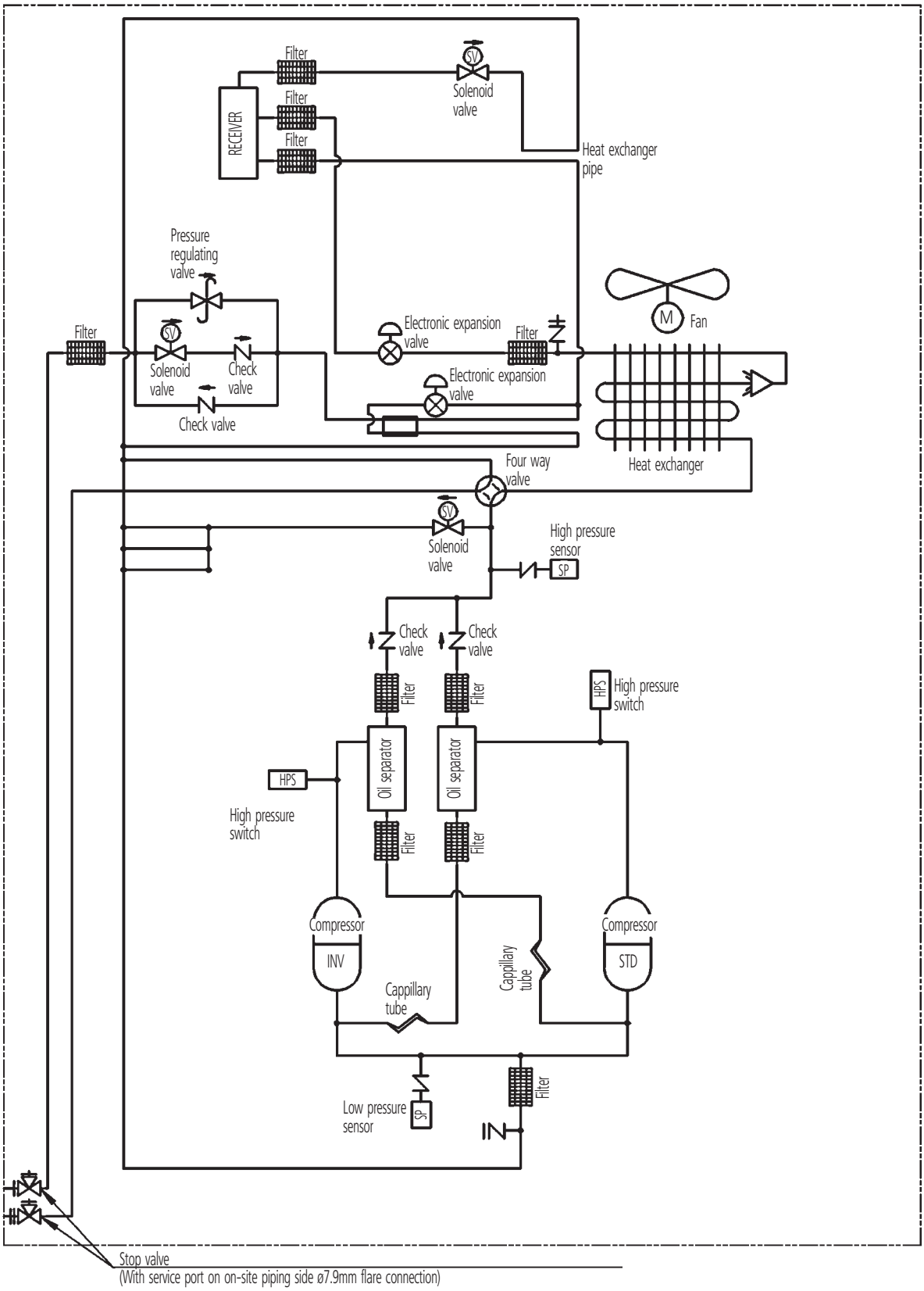


4TW26675-1

6

6 Piping diagram

RXYQ8,12M

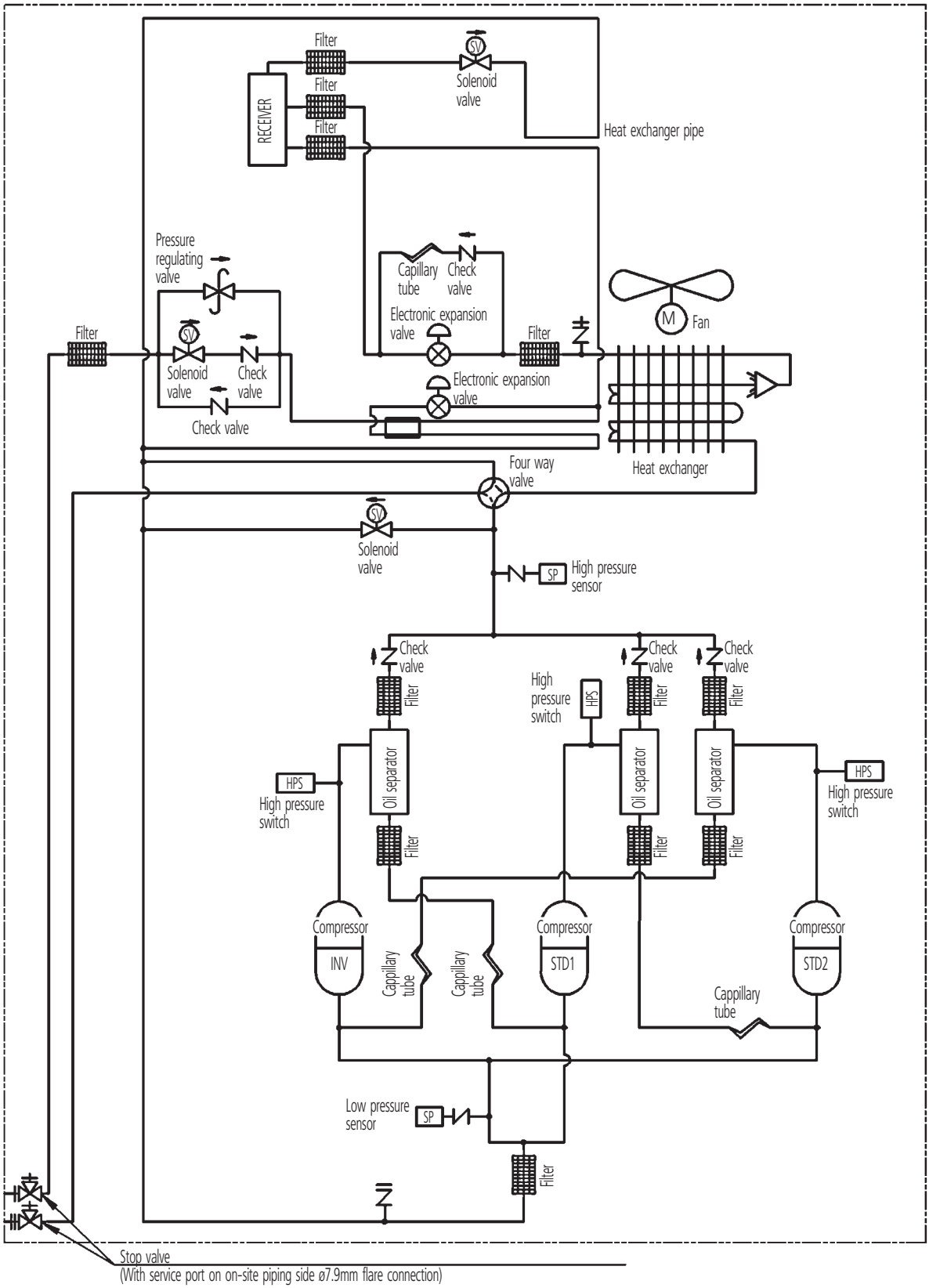


4TW26685-1

6

6 Piping diagram

RXYQ14,16M



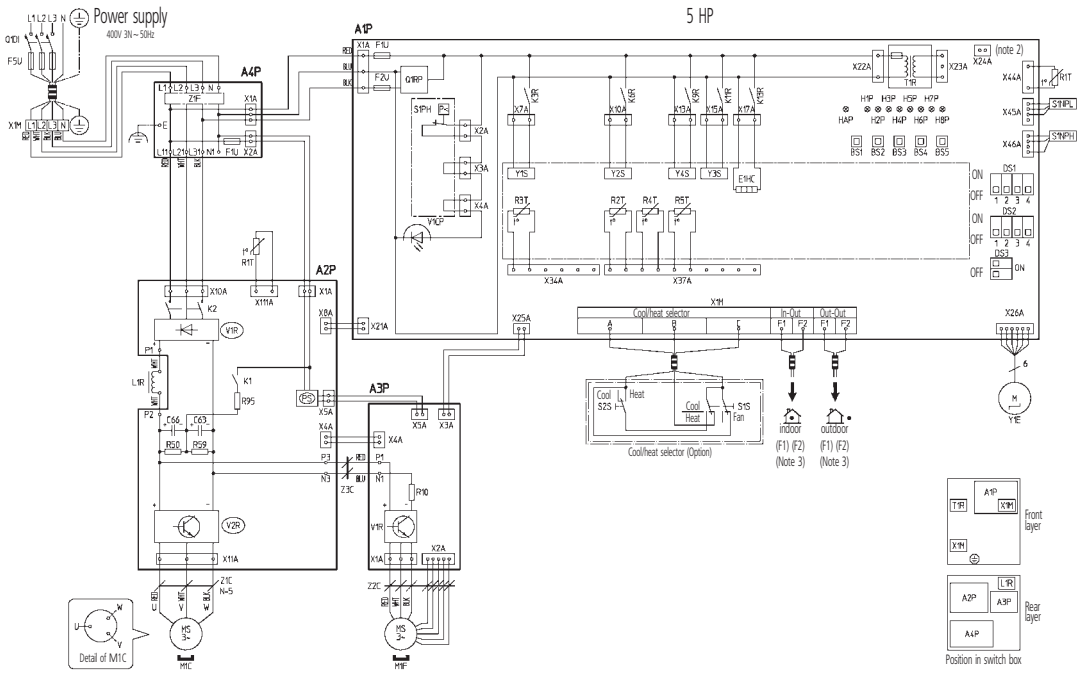
4TW26715-1

6

7 Wiring diagram

7 - 1 Wiring diagram

5HP



A1P	Printed circuit board (Main)	K9R	Magnetic relay (Y4S)	S1PH	Pressure switch (High)
A2P	Printed circuit board (Inverter)	K11R	Magnetic relay (Y3S)	T1R	Transformer (230V/20V)
A3P	Printed circuit board (Fan motor)	K13R	Magnetic relay (E1HC)	V1CP	Safety devices input
A4P	Printed circuit board (Noise filter)	L1R	Reactor	V1R,V2R	Power module (A2P)
BS1 ~ BS5	Push button switch	M1C	Motor (Compressor)	V1R	Power Module (A3P)
	(Mode, Set, Return, Test, Reset)	M1F	Motor (Fan)	X1M	Terminal strip (Power supply)
C63,66	Capacitor	PS	Switching power supply	X1M	Terminal strip (Control) (A1P)
DS1 ~ DS3	Dip switch	Q1RP	Phase reversal detect circuit	Y1E	Electronic espansion valve
E1HC	Crankcase heater	Q1DI	Earth leakage breaker	Y1S	Solenoid valve (Hot gas)
F1U	Fuse (250V, 5A, Ⓑ) (A4P)	R10	Resistor (Current sensor)	Y2S	Solenoid valve (Receiver gas purge)
F1U, F2U	Fuse (250V, 10A, Ⓑ) (A1P)	R50,R59	Resistor	Y3S	Solenoid valve (4 way valve)
F5U	Field Fuse	R95	Resistor (Current limiting)	Y4S	Solenoid valve (Injection)
H1P ~ H8P	Pilot lamp (Service monitor-orange)	R1T	Thermistor (Air) (A1P)	Z1C ~ Z3C	Noise filter (Ferrity core)
	[H2P] Prepare, test ..... flickering	R1T	Thermistor (Fin) (A2P)	Z1F	Noise filter (With surge absorber)
	Malfuntion detection .... light up	R2T	Thermistor (Suction)		
HAP	Pilot lamp (Service monitor-green)	R3T	Thermistor (M1C) (Discharge)		
K1	Magnetic relay	R4T	Thermistor (Heat exchanger deicer)		
K2	Magnetic contactor	R5T	Thermistor (Heat exchanger outlet)	Cool/Heat selector (KRC 19-26A)	
K3R	Magnetic relay (Y1S)	S1NPH	Pressure sensor (High)	S1S	Selector switch (Fan/Cool-Heat)
K6R	Magnetic relay (Y2S)	S1NPL	Pressure sensor (Low)	S2S	Selector switch (Cool-Heat)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

COLORS :

BLK : Black	RED : Red
WHT : White	BLU : Blue
ORG : Orange	PNK : Pink
GRY : Grey	YLW : Yellow
BRN : Brown	GRN : Green

NOTES

1 This wiring diagram applies only to the outdoor unit.

2 When using the option adaptor, refer to the installation manual.

3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2 and on how to use BS1~BS5 and DS1, DS2 switch.

4 Do not operate the unit by short-circuiting protection device S1PH.

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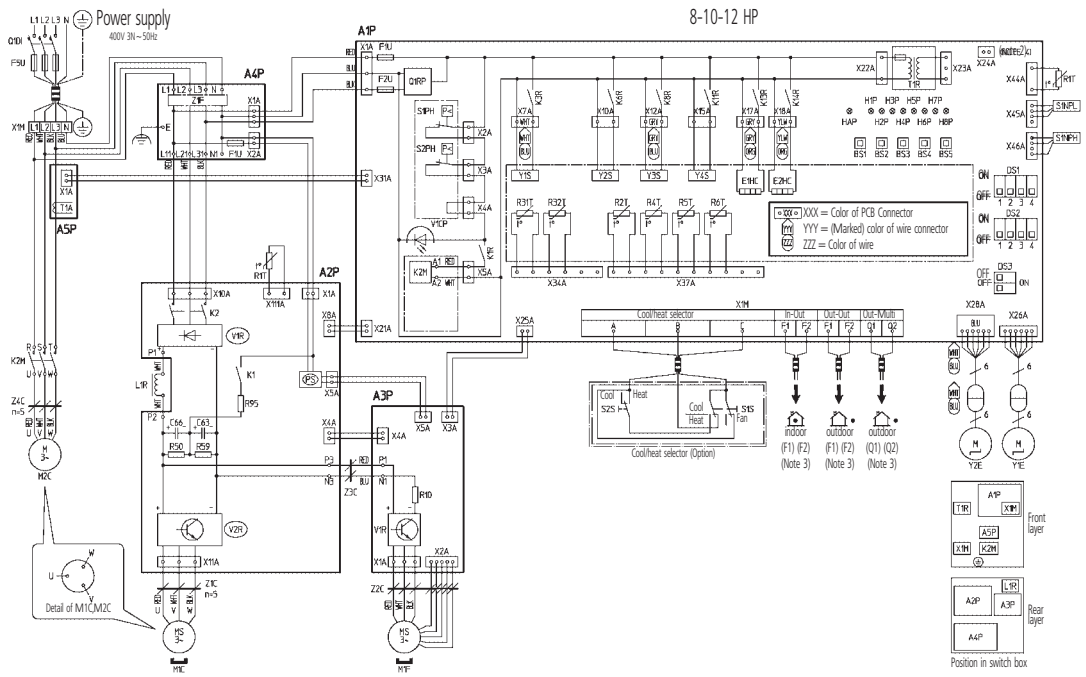
7 Wiring diagram

7 - 1 Wiring diagram

8-12HP



A1P	Printed circuit board (Main)	K8R	Magnetic relay (Y3S)	S1NPL	Pressure sensor (Low)
A2P	Printed circuit board (Inverter)	K11R	Magnetic relay (Y4S)	S1PH,S2PH	Pressure switch (High)
A3P	Printed circuit board (Fan motor)	K13R	Magnetic relay (E1HC)	T1A	Current sensor
A4P	Printed circuit board (Noise filter)	K14R	Magnetic relay (E2HC)	T1R	Transformer (230V/20V)
A5P	Printed circuit board (Current sensor)	L1R	Reactor	V1CP	Safety devices input
BS1 ~ BS5	Push button switch	M1C,M2C	Motor (Compressor)	V1R,V2R	Power module (A2P)
	(Mode, Set, Return, Test, Reset)	M1F	Motor (Fan)	V1R	Power Module (A3P)
C63,66	Capacitor	PS	Switching power supply	X1M	Terminal strip (Power supply)
DS1 ~ DS3	Dip switch	Q1RP	Phase reversal detect circuit	X1M	Terminal strip (Control) (A1P)
E1HC ~ E3HC	Crankcase heater	Q1DI	Earth leakage breaker	Y1E	Electronic expansion valve (Main)
F1U	Fuse (250V, 5A, Ⓑ) (A4P)	R10	Resistor (Current sensor)	Y2E	Electronic expansion valve (Subcool)
F1U,F2U	Fuse (250V, 10A, Ⓑ) (A1P)	R50,R59	Resistor	Y1S	Solenoid valve (Hot gas)
F5U	Field Fuse	R95	Resistor (Current limiting)	Y2S	Solenoid valve (Receiver gas purge)
H1P ~ H8P	Pilot lamp (Service monitor-orange)	R1T	Thermistor (Air) (A1P)	Y3S	Solenoid valve (Liquid pipe)
	[H2P] Prepare, test ..... flickering	R1T	Thermistor (Fin) (A2P)	Y4S	Solenoid valve (4 way vavle)
	Malfuntion detection .... light up	R2T	Thermistor (Suction)	Z1C ~ Z4C	Noise filter (Ferrity core)
HAP	Pilot lamp (Service monitor-green)	R31T	Thermistor (M1C) (Discharge)	Z1F	Noise filter (With surge absorber)
K1	Magnetic relay	R32T	Thermistor (M2C) (Discharge)		
K2	Magnetic contactor (M1C)	R4T	Thermistor (Heat exchanger deicer)		
K1R	Magnetic relay (K2M) (A1P)	R5T	Thermistor (Heat exchanger outlet)	Cool/Heat selector (KRC 19-26A)	
K3R	Magnetic relay (Y1S)	R6T	Thermistor (Liquid pipe receiver)	S1S	Selector switch (Fan/Cool-Heat)
K6R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (High)	S2S	Selector switch (Cool-Heat)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

COLORS : BLK : Black, RED : Red, WHT : White, BLU : Blue, ORG : Orange, PNK : Pink, GRY : Grey, YLW : Yellow, BRN : Brown, GRN : Green

NOTES

1 This wiring diagram applies only to the outdoor unit.

2 When using the option adaptor, refer to the installation manual.

3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2 and on how to use BS1 ~ BS5 and DS1, DS2 switch.

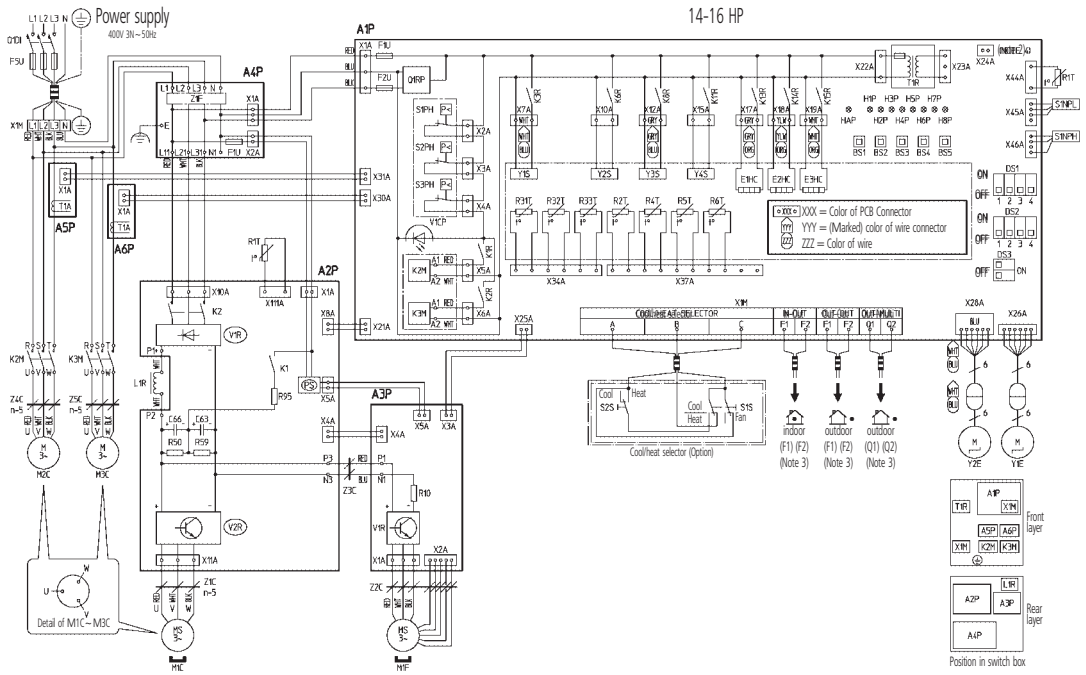
4 Do not operate the unit by short-circuiting protection devices S1PH ~ S3PH.

2TW26686-1A

7 Wiring diagram

7 - 1 Wiring diagram

14-16HP



A1P	Printed circuit board (Main)	K6R	Magnetic relay (Y2S)	S1NPH	Pressure sensor (High)
A2P	Printed circuit board (Inverter)	K8R	Magnetic relay (Y3S)	S1NPL	Pressure sensor (Low)
A3P	Printed circuit board (Fan motor)	K11R	Magnetic relay (Y4S)	S1PH ~ S3PH	Pressure switch (High)
A4P	Printed circuit board (Noise filter)	K13R	Magnetic relay (E1HC)	T1A	Current sensor (A5P,A6P)
A5P	Printed circuit board (Current sensor)	K14R	Magnetic relay (E2HC)	T1R	Transformer (230V/20V)
A6P	Printed circuit board (Current sensor)	K15R	Magnetic relay (E3HC)	V1CP	Safety devices input
BS1 ~ BS5	Push button switch	L1R	Reactor	V1R,V2R	Power module (A2P)
	(Mode, Set, Return, Test, Reset)	M1C ~ M3C	Motor (Compressor)	V1R	Power Module (A3P)
C63,66	Capacitor	M1F	Motor (Fan)	X1M	Terminal strip (Power supply)
DS1 ~ DS3	Dip switch	PS	Switching power supply	X1M	Terminal strip (Control) (A1P)
E1HC ~ E3HC	Crankcase heater	Q1RP	Phase reversal detect circuit	Y1E	Electronic espansion valve (Main)
F1U	Fuse (250V, 5A, Ⓑ) (A4P)	Q1DI	Earth leakage breaker	Y2E	Electronic espansion valve (Subcool)
F1U,F2U	Fuse (250V, 10A, Ⓑ) (A1P)	R10	Resistor (Current sensor)	Y1S	Solenoid valve (Hot gas)
F5U	Field Fuse	R50,R59	Resistor	Y2S	Solenoid valve (Receiver gas purge)
H1P ~ H8P	Pilot lamp (Service monitor-orange)	R95	Resistor (Current limiting)	Y3S	Solenoid valve (Liquid pipe)
	[H2P] Prepare, test ..... flickering	R1T	Thermistor (Air) (A1P)	Y4S	Solenoid valve (4 way vavle)
	Malfuntion detection .... light up	R1T	Thermistor (Fin) (A2P)	Z1C ~ Z5C	Noise filter (Ferrity core)
HAP	Pilot lamp (Service monitor-green)	R2T	Thermistor (Suction)	Z1F	Noise filter (With surge absorber)
K1	Magnetic relay	R31T	Thermistor (M1C) (Discharge)		
K2	Magnetic contactor (M1C)	R32T	Thermistor (M2C) (Discharge)		
K2M ~K3M	Magnetic contactor (M2C ~M3C)	R33T	Thermistor (M3C) (Discharge)		
K1R	Magnetic relay (K2M) (A1P)	R4T	Thermistor (Heat exchanger deicer)	Cool/Heat selector (KRC 19-26A)	
K2R	Magnetic relay (K3M) (A1P)	R5T	Thermistor (Heat exchanger outlet)	S1S	Selector switch (Fan/Cool-Heat)
K3R	Magnetic relay (Y1S)	R6T	Thermistor (Liquid pipe receiver)	S2S	Selector switch (Cool-Heat)

: Field wiring
: Connector
: Terminal
: Terminal strip
: Protective earth (screw)

COLORS : BLK : Black, RED : Red, WHT : White, BLU : Blue, ORG : Orange, PNK : Pink, GRY : Grey, YLW : Yellow, BRN : Brown, GRN : Green

NOTES

1 This wiring diagram applies only to the outdoor unit.

2 When using the option adaptor, refer to the installation manual.

3 Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1•F2, outdoor-outdoor transmission F1•F2, outdoor-multi transmission Q1•Q2 and on how to use BS1 ~ BS5 and DS1, DS2 switch.

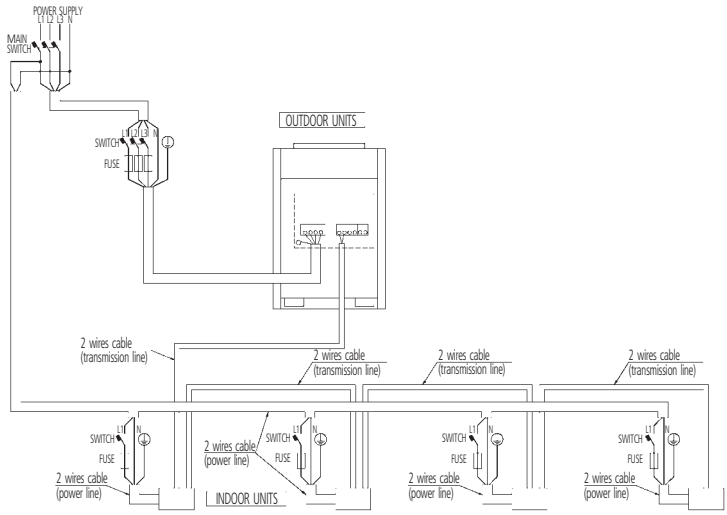
4 Do not operate the unit by short-circuiting protection devices S1PH ~ S3PH.

2TW26716-1A

7 Wiring diagram

7 - 2 External connection diagram

RXYQ5-16M

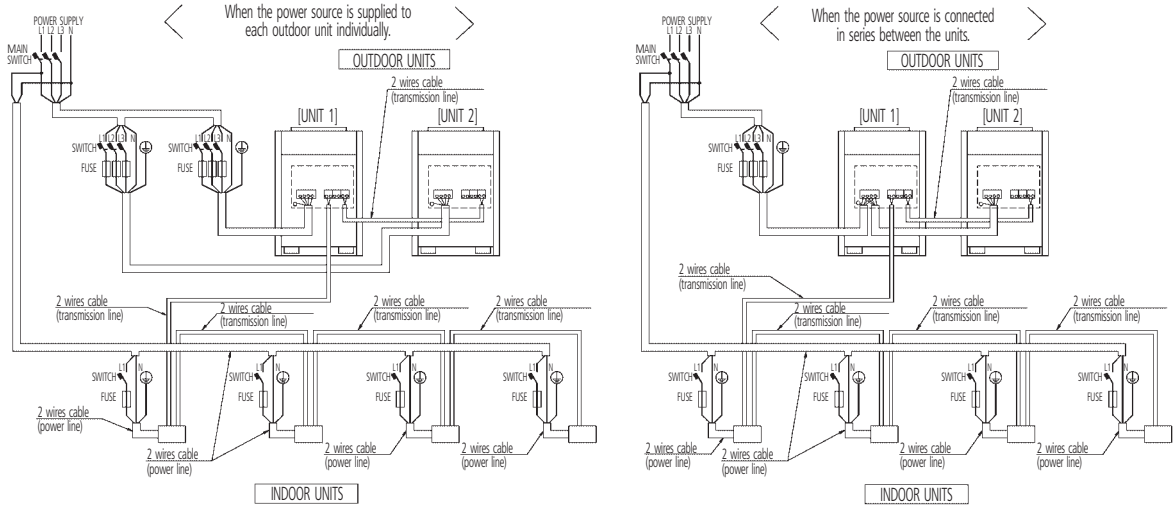


NOTES

1 All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2 Use copper conductors only.
3 As for details, see wiring diagram.
4 Install circuit breaker for safety.
5 All field wiring and components must be provided by licensed electrician.
6 Unit shall be grounded in compliance with the applicable local and national codes.
7 Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8 Be sure to install the switch and the fuse to the power line of each equipment.
9 Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10 If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.

3D040746F

RXYQ18-32M



NOTES

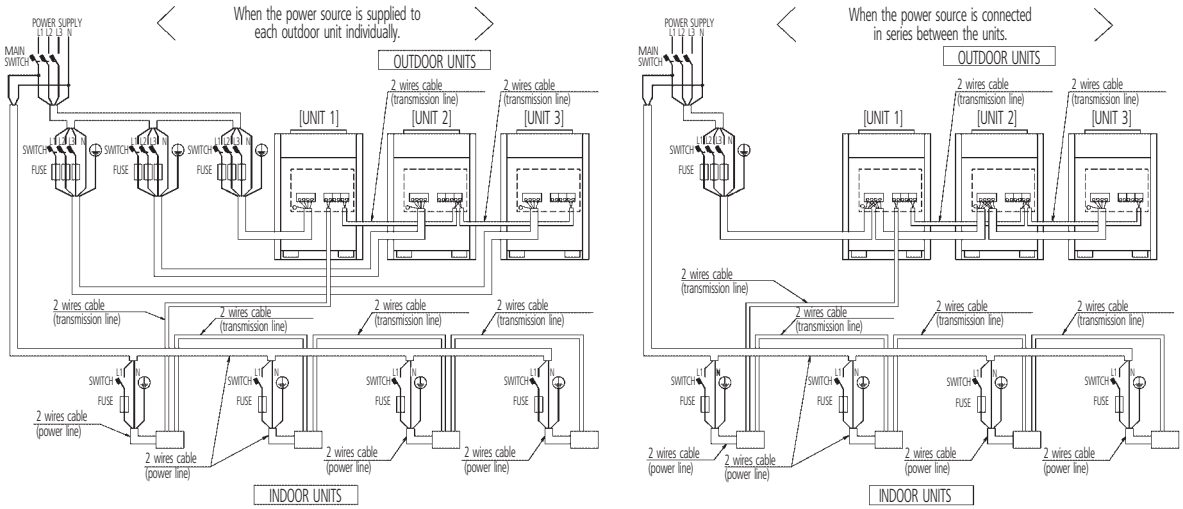
1 All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2 Use copper conductors only.
3 As for details, see wiring diagram.
4 Install circuit breaker for safety.
5 All field wiring and components must be provided by licensed electrician.
6 Unit shall be grounded in compliance with the applicable local and national codes.
7 Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8 Be sure to install the switch and the fuse to the power line of each equipment.
9 Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10 The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
11 If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.

3D040747E

7 Wiring diagram

7 - 2 External connection diagram

RXYQ34-48M



NOTES

1 All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
2 Use copper conductors only.
3 As for details, see wiring diagram.
4 Install circuit breaker for safety.
5 All field wiring and components must be provided by licensed electrician.
6 Unit shall be grounded in compliance with the applicable local and national codes.
7 Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
8 Be sure to install the switch and the fuse to the power line of each equipment.
9 Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
10 The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units.
11 If there exists the possibility of reversed phase, lose phase, momentary blackout or the power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
Running the product in reversed phase may break the compressor and other parts.

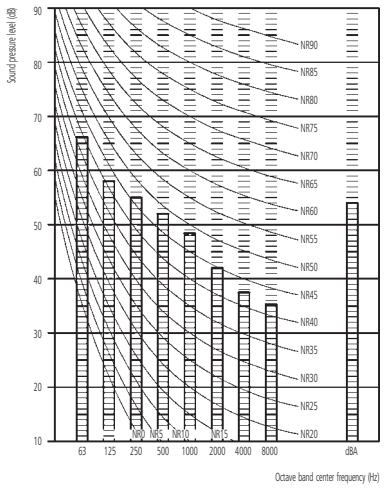
3D040748E

7

8 Sound data

8 - 1 Sound pressure spectrum

RX(Y)Q5M9W1B 3TW26647-1



NOTES

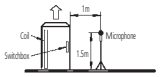
1 Data is valid at free field condition (Measured in a semi-anachoic room).

2 dBA = A-weighted sound pressure level. (A-scale according to IEC)

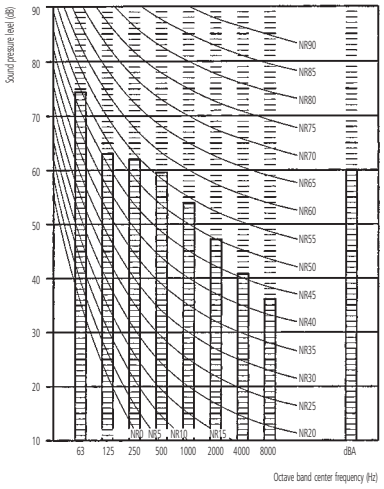
3 Reference acoustic pressure 0dB = 20μPa.

4 If sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.

5 Location of microphone



RX(Y)Q12M9W1B 3TW26707-1



NOTES

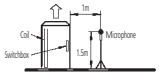
1 Data is valid at free field condition (Measured in a semi-anachoic room).

2 dBA = A-weighted sound pressure level. (A-scale according to IEC)

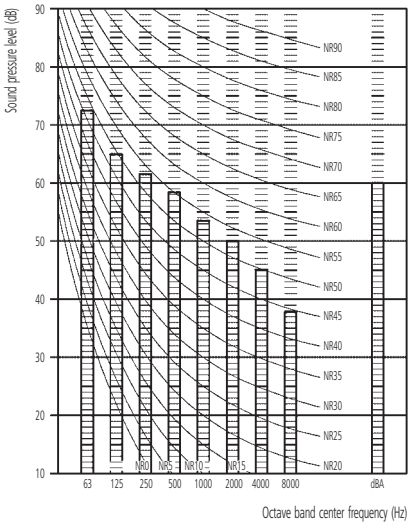
3 Reference acoustic pressure 0dB = 20μPa.

4 If sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.

5 Location of microphone



RXYQ14M 3TW26717-1



NOTES

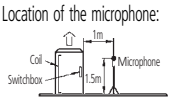
1 Data is valid at free field condition (measured in a semi-anechoic room).

2 dBA = A-weighted sound pressure level. (A-scale according to IEC)

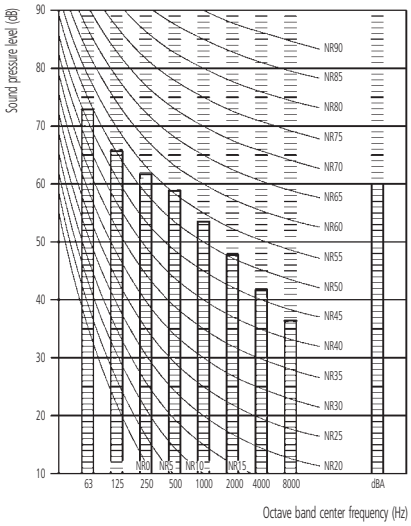
3 Reference acoustic intensity 0dB = 20μPa.

4 If sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.

5 Location of the microphone:



RXYQ16M 3TW26727-1



NOTES

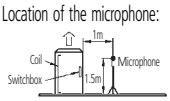
1 Data is valid at free field condition (measured in a semi-anechoic room).

2 dBA = A-weighted sound pressure level. (A-scale according to IEC)

3 Reference acoustic intensity 0dB = 20μPa.

4 If sound is measured under actual installation conditions, the measured value will be higher due to environmental noise and sound reflections.

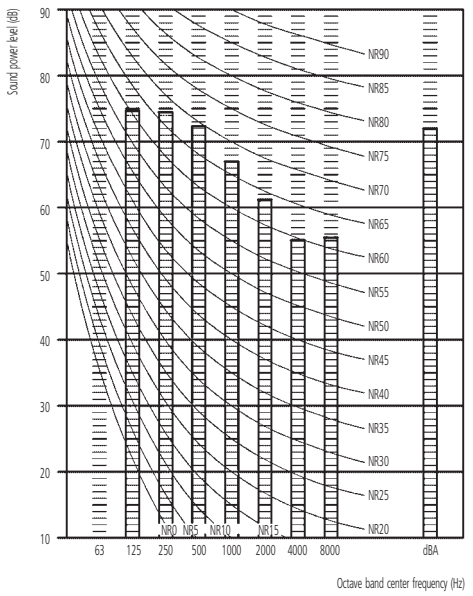
5 Location of the microphone:



8 Sound data

8 - 2 Sound power spectrum

RX(Y)Q5M9W1B 3TW26647-2



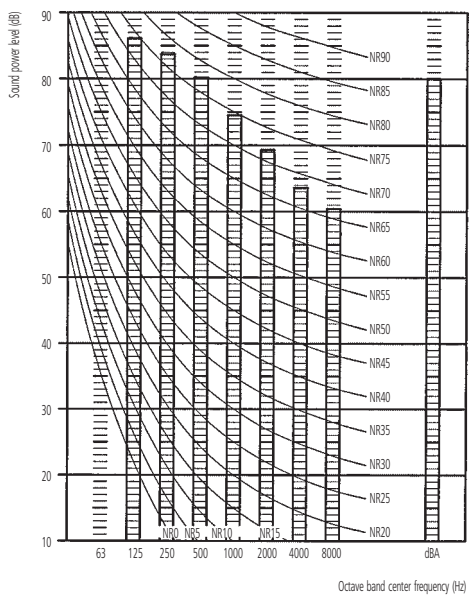
NOTES

1 dBA = A-weighted sound power level. (A-scale according to IEC)

2 Reference acoustic intensity 0dB = 10E-6μW/m^2.

3 Measured according to ISO 3744.

RX(Y)Q12M9W1B 3TW26707-2



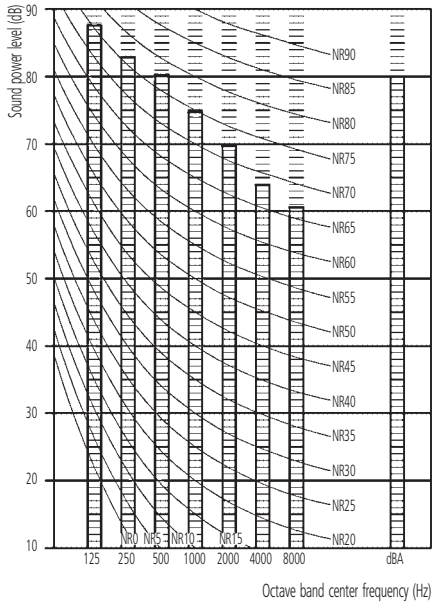
NOTES

1 dBA = A-weighted sound power level. (A-scale according to IEC)

2 Reference acoustic intensity 0dB = 10E-6μW/m^2.

3 Measured according to ISO 3744.

RXYQ14M 3TW26717-2



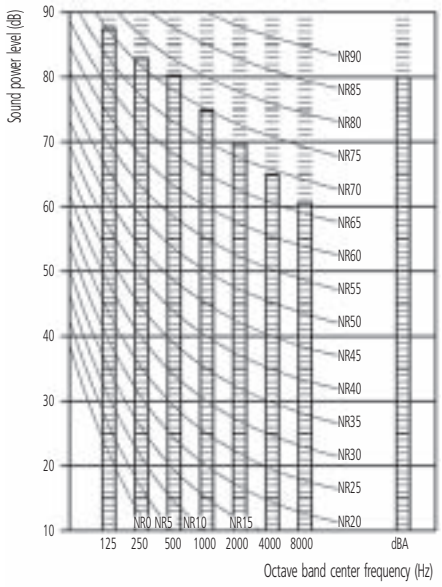
NOTES

1 dBA = A-weighted sound power level. (A-scale according to IEC)

2 Reference acoustic intensity odB = 10E-6uW/m^2.

3 Measured according to ISO 3744

RXYQ16M 3TW26727-2



NOTES

1 dBA = A-weighted sound power level. (A-scale according to IEC)

2 Reference acoustic intensity odB = 10E-6uW/m^2.

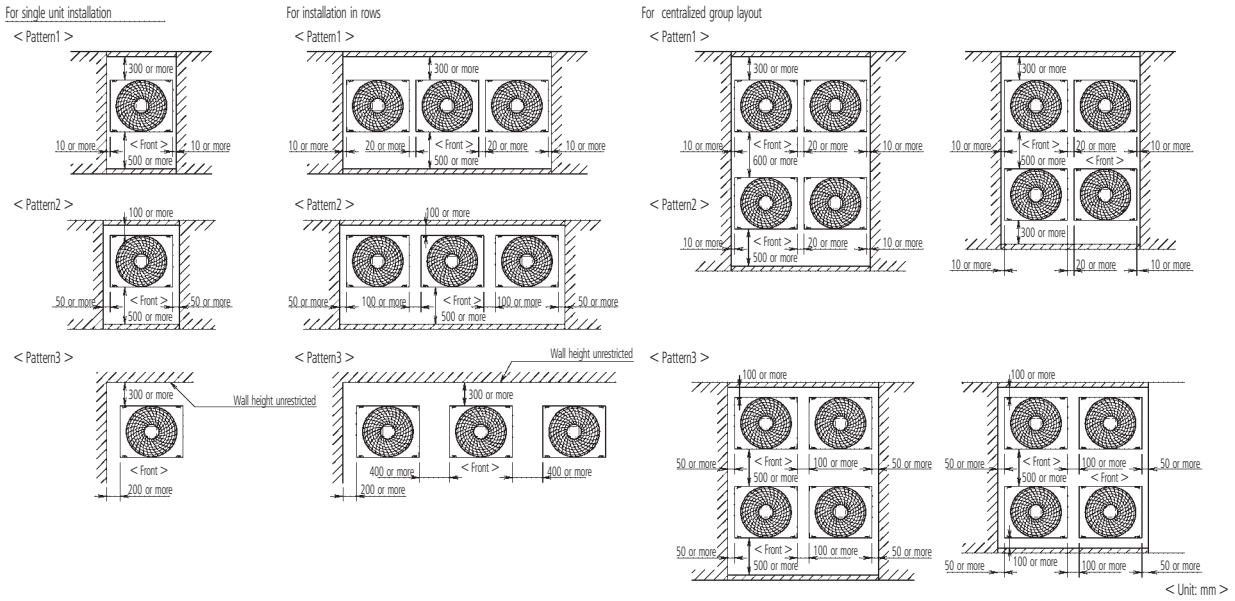
3 Measured according to ISO 3744

8

9 Installation

9 - 1 Service space

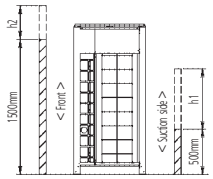
RXYQ-M



NOTES

1 Height of walls in case of Patterns 1 and 2:
Front: 1500mm
Suction side: 500mm
Side: Height unrestricted.
Installation space shown in this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability because of much generation load of heat in all outdoor units, take the suction side space more broadly than the space to be shown in this drawing.

2 If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.



3 When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough space for a person to pass between units and wall and for the air to circulate freely.
(If more units are to be installed than in the above patterns your layout should take account of the possibility of short circuits.)

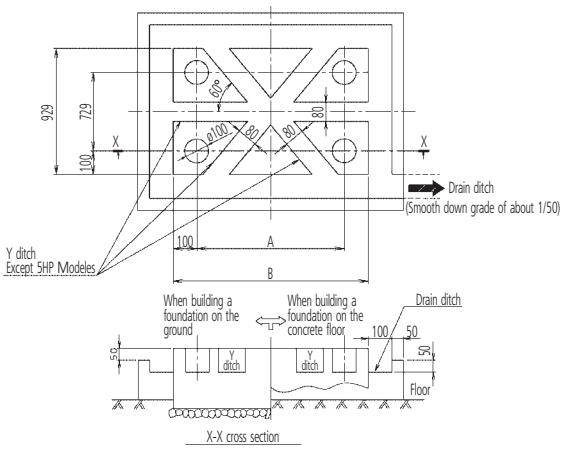
4 The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

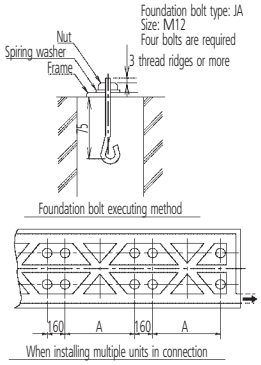
3D040335D

9

9 Installation

9 - 2 Fixation and foundation of units





Model	A	B
5HP	497	697
8•10HP	792	992
12•14•16HP	1102	1302

NOTES

1. The proportions of cement: sand: gravel for the concrete shall be 1:2:4, and the reinforcement bars that their diameter are 10mm, (approx. 300mm intervals) shall be placed.
2. The surface shall be finished with mortar. The corner edges shall be chamfered.
3. When the foundation is built on a concrete floor, rubble is not necessary. However, the surface of the section on which the foundation is built shall have rough finish.
4. A drain ditch shall be made around the foundation to thoroughly drain water from the equipment installation area.
5. When installing the equipment on a roof, the floor strength shall be checked, and water-proofing measures shall be taken.
6. Y ditch is not necessary for 5HP models.

3D040102D

9

9 Installation

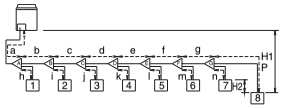
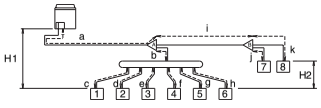
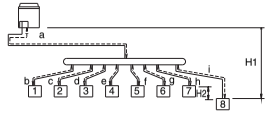
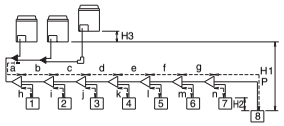
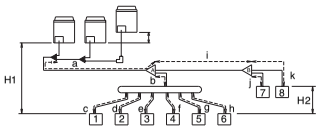
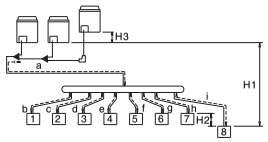
9 - 3 Refrigerant pipe selection

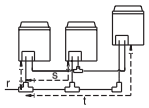
Example of connection
(Connection of 8 indoor units Heat pump system)

- Use the outdoor unit multi connection piping kit that is sold separately as an option (BHFQ22M909+1359) for the multi installation of outdoor units. Selection method is as shown in the right table.
- Never use the outdoor unit multi connection piping kit (BHFQ22M909+1359) that are sold separately as an option of M-type or T-joint.

1 indoor unit
refnet joint
refnet header
◄ outdoor multi connection piping kit

Install the joint part (◄ part in the figure) of the outdoor unit multi connection piping kit horizontally with attention to the installation restrictions described in "connecting the refrigerant piping".
(*) If the system capacity is RXYQ18 or more, re-read to the first outdoor branch as seen from the indoor unit.

	Branch with refnet joint	Branch with refnet joint and refnet header	Branch with refnet header
One outdoor unit installed (RX(Y)Q5~16)			
When multiple outdoor units installed (RXYQ18~...)			

Maximum allowable length	Between outdoor and indoor units	Actual pipe length	Pipe length between outdoor(*) and indoor units ≤150 m		
			[Example] unit 8: a+b+c+d+e+f+g+p≤150 m	[Example] unit 6: a+b+h≤150 m, unit 8: a+i+k≤150 m	[Example] unit 8: a+i≤150 m
		Equivalent length	Equivalent pipe length between outdoor(*) and indoor units ≤175 m (Assume equivalent pipe length of refnet joint to be 0.5 m and of the refnet header to be 1.0 m. (for calculation purposes))		
		Total extension length	Total piping length from outdoor unit* to all indoor units ≤300 m		
	Between outdoor branch and outdoor unit (Only for RXYQ18 or more)	Actual pipe length	Piping length from outdoor branch to outdoor unit ≤10 m. Approximate length: max. 13 m		
Allowable height	Between outdoor and indoor units	Difference in height	Difference in height between outdoor and indoor units (H1)≤50 m (≤40 m if outdoor unit is located in a lower position).		 r≤10 m (Approximate length: max. 13 m) s≤10 m (Approximate length: max: 13 m) t≤10 m (Approximate length: max 13 m)
	Between indoor and indoor units	Difference in height	Difference in height between adjacent indoor units (H2)≤15 m		
	Between outdoor and outdoor units	Difference in height	Difference in height between outdoor unit (main) and outdoor unit (sub) (H3)≤5 m		
Allowable length after the branch		Actual pipe length	Pipe length from first refrigerant branch kit (either refnet joint or refnet header) to indoor unit ≤40 m		
			[Example] unit 8: b+c+d+e+f+g+p≤40 m	[Example] unit 6: b+h≤40 m, unit 8: i+k≤40 m	[Example] unit 8: i≤40 m

Refrigerant branch kit selection

Refrigerant branch kits can only be used with R-410A.

How to select the refnet joint

- When using refnet joints at the first branch counted from the outdoor unit side. Choose from the following table in accordance with the capacity of the outdoor unit.

Outdoor unit capacity type	Refrigerant branch kit name
RXYQ5	KHRQ22M20T7
RXYQ8+10	KHRQ22M29T7
RXYQ12~22	KHRQ22M64T7
RXYQ24	KHRQ22M75T7

- For refnet joints other than the first branch, select the proper branch kit model based on the total capacity index.

Indoor capacity type	Refrigerant branch kit name
<200	KHRQ22M20T7
200≤x<290	KHRQ22M29T7
290≤x<640	KHRQ22M64T7
>640	KHRQ22M75T7

How to select the refnet header

- Choose from the following table in accordance with the total capacity of all the indoor units connected below the refnet header.
- Note: 250 type cannot be connected below the refnet header.

Indoor capacity type	Refrigerant branch kit name
<290	KHRQ22M29H7 (Max. 8 kit)
290≤x<640	KHRQ22M64H7 (Max. 8 kit)
>640	KHRQ22M75H7 (Max. 8 kit)

How to choose an outdoor branch kit (needed if the outdoor unit capacity type is RXYQ18 or more.)

- Choose from the following table in accordance with the number of outdoor units.

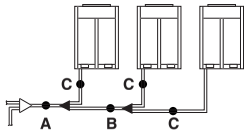
Number of outdoor units	Branch kit name
2	BHFQ22M909 (Max. 4 kit)
3	BHFQ22M1359 (Max. 8 kit)

Example of downstream indoor units	[Example] in case of refnet joint C; indoor units 3+4+5+6+7+8	[Example] in case of refnet joint B; indoor units 7+8, in case of refnet header; indoor units 1+2+3+4+5+6	[Example] in case of refnet header; indoor units 1+2+3+4+5+6+7+8

9 Installation

9 - 3 Refrigerant pipe selection

Pipe size selection
For an outdoor unit multi installation (RXYQ18~48M9W1B), make the settings in accordance with the following figure.



A. Piping between outdoor unit and refrigerant branch kit
- Match to the size of the connection piping on the outdoor unit.

Outdoor unit connection piping size

Outdoor unit capacity type	Piping size (outer diameter) Gas pipe	Liquid pipe
RXYQ5	Ø15.9	Ø9.5
RXYQ8	Ø19.1	
RXYQ10	Ø22.2	
RXYQ12~16	Ø28.6	Ø12.7
RXYQ18~22		Ø15.9
RXYQ24	Ø34.9	
RXYQ26~34		Ø19.1
RXYQ36~48	Ø41.3	

Piping between refrigerant branch kits
- Choose from the following table in accordance with the total capacity of all the indoor units connected below this.
- Do not let the connection piping exceed the refrigerant piping size chosen by general system model name.

Indoor capacity index	Piping size (outer diameter) Gas pipe	Liquid pipe
<200	Ø15.9	Ø9.5
200≤x<290	Ø22.2	
290≤x<420	Ø28.6	Ø12.7
420≤x<640		Ø15.9
640≤x<920	Ø34.9	Ø19.1
>920	Ø41.3	

B. Piping between outdoor branches
- Choose from the following table in accordance with the total capacity of all the oudoor units connected above this.

Outdoor capacity index	Piping size (outer diameter) Gas pipe	Liquid pipe
<22 HP	Ø28.6	Ø15.9
24 HP	Ø34.9	
>26 HP		Ø19.1

Piping between refrigerant branch kit and indoor unit
- Pipe size for direct connection to indoor unit must be the same as the connection size of indoor unit.

Indoor capacity type	Piping size (outer diameter) Gas pipe	
20~50	Ø12.7	Ø6.4
63~125	Ø15.9	Ø9.5
200	Ø19.1	
250	Ø22.2	

C. Piping between outdoor branch and outdoor unit

Outdoor capacity type	Piping size (outer diameter) Gas pipe	
RX(Y)Q8	Ø19.1	Ø9.5
RX(Y)Q10	Ø22.2	
RXYQ12~16	Ø28.6	Ø12.7

How to calculate the additional refrigerant to be charged
Additional refrigerant to be charged R (kg)
R should be rounded off in units of 0.1 kg

NOTE If a negative result is gotten for R from the formula at right, no refrigerant needs to be added nor removed.

R= (Total length (m) of liquid piping size at Ø22.2) x0.35+ (Total length (m) of liquid piping size at Ø19.1) x0.25+ (Total length (m) of liquid piping size at Ø15.9) x0.17+ (Total length (m) of liquid piping size at Ø12.7) x0.11

+ (Total length (m) of liquid piping size at Ø9.5) x0.054+ (Total length (m) of liquid piping size at Ø6.4) x0.022+

Model	Amount of refrigerant
RXYQ8~32	1 kg
RXYQ5, 34~48	0 kg

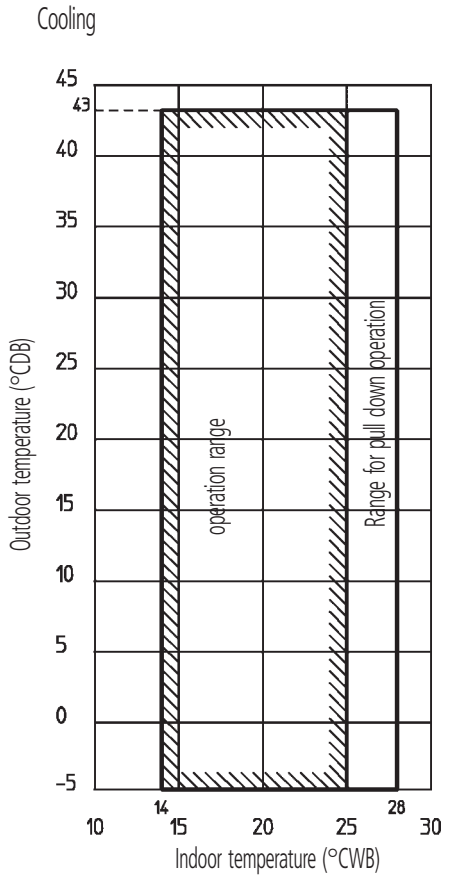
Example for refrigerant branch using refnet joint and refnet header for RXYQ34M9W1B
If the outdoor unit is RXYQ34M9W1B and the piping lengths are as below

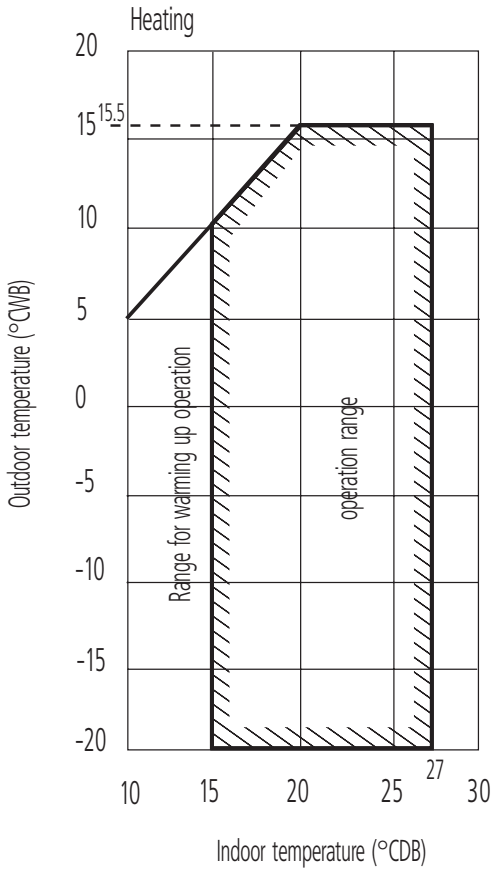
a: Ø19.1x30 m	d: Ø9.5x10 m	g: Ø6.4x10 m	j: Ø6.4x10 m
b: Ø15.9x10 m	e: Ø9.5x10 m	h: Ø6.4x20 m	k: Ø6.4x9 m
c: Ø9.5x10 m	f: Ø9.5x10 m	i: Ø12.7x10 m	

R = [30x0.25]+[10x0.17]+[10x0.11]+[40x0.054]+[49x0.022]+0 = 13.538 ≤R = 13.5 kg

10 Operation range

RXYQ-M





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NOTES

1 These figures assume the following operating conditions:
Indoor and outdoor units:
Equivalent pipe length: 7.5m
Level difference: 0m

2 Depending on operation and installation conditions.
The indoor unit can change over the freeze-up operation (indoor de-icing)

3 To reduce the freeze-up operation (indoor de-icing) frequency it is recommended to install the outdoor unit in a location not exposed to wind.

2

VRV® II
Systems

ISO14001 assures an effective environmental management system in order to help protect human•health•and the environment from the potential impact of our activities, products and services and to assist in maintaining and improving the quality of the•environment.

Daikin Europe N.V. is approved by LRQA for its Quality Management System in accordance with the ISO9001 standard. ISO9001 pertains to quality assurance regarding design, development, manufacturing as well as to services related to the product.

Daikin units comply with the European regulations that guarantee the safety of the product.

VRV products are not within the scope of the Eurovent certification programme.

Daikin equipment is designed for comfort applications. For use in other applications, please contact your local Daikin representative.

Specifications are subject to change without prior notice

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