A background image showing a close-up of a man in a dark suit and a woman in a white striped shirt. The man's hand is on the woman's shoulder, and they appear to be in a professional setting, possibly a meeting or presentation.

Condensing units for air handling applications (pair)

ERQ-AV1/ERQ-AW1

- › Benefit from the high efficiency and fast response to changing loads of ERQ condensing units
- › Inverter controlled outdoor unit
- › Predefined combinations with Daikin Modular air handling unit offer ready to use 'fresh air packages'
- › R-410A heat pump

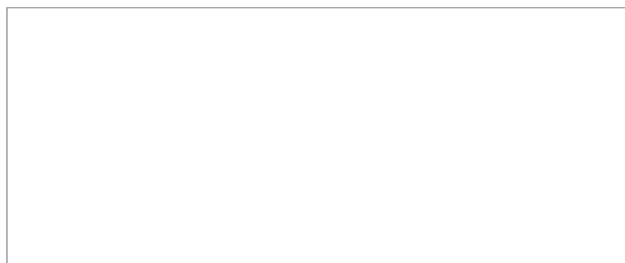
ERQ-AV1/ERQ-AW1



Ventilation			ERQ-AV1/ERQ-AW1	100AV1	125AV1	140AV1	125AW1	200AW1	250AW1
Capacity range		HP		4	5	6	5	8	10
Cooling capacity	Nom.	kW		11.2	14.0	15.5	14.0	22.4	28.0
Heating capacity	Nom.	kW		12.5	16.0	18.0	16.0	25.0	31.5
Power input	Cooling	Nom.	kW	2.81	3.51	4.53	3.52	5.22	7.42
	Heating	Nom.	kW	2.74	3.86	4.57	4.00	5.56	7.70
EER				3.99		3.42	3.98	4.29	3.77
COP				4.56	4.15	3.94	4.00	4.50	4.09
Dimensions	Unit	HeightxWidthxDepth	mm	1,345x900x320			1,680x635x765	1,680x930x765	
Weight	Unit		kg	120			159	187	240
Casing	Material			Painted galvanized steel plate					
Fan-Air flow rate	Cooling	Nom.	m ³ /min	106			95	171	185
	Heating	Nom.	m ³ /min	102	105		95	171	185
Sound power level	Cooling	Nom.	dB(A)	66	67	69		-	
	Nom.		dB(A)		-		72	78	
Sound pressure level	Cooling	Nom.	dB(A)	50	51	53		-	
	Nom.		dB(A)		-		54	57	58
Operation range	Heating	Nom.	dB(A)	52	53	55		-	
	Cooling	Min./Max.	°CDB	-5/46				-5/43	
Refrigerant	Heating	Min./Max.	°CWB	-20/15.5				-20/15	
	On coil temperature	Heating/Min./Cooling/Max.	°CDB				10/35		
Refrigerant	Type			R-410A					
	Charge		kg	4.0			6.2	7.7	8.4
Refrigerant			TCO ₂ eq	8.4			12.9	16.1	17.5
	GWP			2,087.5					
Piping connections	Control			Expansion valve (electronic type)			Electronic expansion valve		
	Liquid	OD	mm	9.52					
Piping connections	Gas	OD	mm	15.9	19.1		15.9	19.1	22.2
	Drain	OD	mm	26x3			-		
Power supply	Phase/Frequency/Voltage	Hz/V		1N~/50/220-240			3N~/50/400		
Current	Maximum fuse amps (MFA)	A		32.0			16	25	

Contains fluorinated greenhouse gases

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