

Ducted – Active



Accessories:

Accessory Ref	Description
BRP069A81	Wifi adaptor for connection to on-line controller
BRC1H52W	Wired touch screen remote controller - White (Included as standard)
BRC1H52S	Wired touch screen remote controller - Silver
BRC1H52K	Wired touch screen remote controller - Black
BRC4C65	Wireless remote controller
K.CGL	Condensing unit guard (1450 x 1150 x 650)
K.CGM	Condensing unit guard (1150 x 1150 x 650)
K.CWB140-2	Wall bracket (140kg, 540mm support arm)
K.CWB890-2	Wall bracket (90kg, 500mm support arm)
K.DT1	Condensate drip tray for use with K.CWB890-2
K.DT2	Condensate drip tray for use with K.CWB140-2
K.RSS	Wireless room mounted temperature sensor and receiver
KLUC-DI	KNX Interface for Sky Air and VRV systems
KRC501-4	Remote room mounted temperature sensor
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting
RS-SE	Service and configuration tool for K.RSS
RTD-10 and UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation. Lead Lag control and heating interlock
RTD-20 and UK.FB2	Energy control PCB for Sky Air and VRV
RTD-NET and UK.FB2	Modbus interface PCB for Sky Air and VRV
UK.RC3	Return Chamber - FBA60-71 - 2x200mm Spg
UK.RC3A	Return Chamber - FBA60-71 - 3x200mm Spg
UK.RC4	Return Chamber - FBA100-125-140 - 4x200mm Spg
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg
UK.SF4	Supply flange - FBA100-125-140 - 4x200 Spg

Indoor Units	Single Phase				3 Phase		
	FBA71A9	FBA100A	FBA125A	FBA140A	FBA100A	FBA125A	FBA140A
Capacity	UK Total Cooling 6.65 UK Sensible Cooling 4.15 Nominal Cooling 6.8 Nominal Heating 7.5	10.80 7.44 9.5 10.8	13.60 9.30 12.1 13.5	14.90 10.25 12.1 15.5	10.80 7.44 9.5 10.8	13.60 9.30 12.1 13.5	14.90 10.25 13.4 15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label A Pdesign 6.8 SEER 5.57 Isc -	9.5 5.25 -	12.1 4.85 191	13.0 5.50 217	9.5 5.25 -	12.1 4.85 191	13.0 5.50 217
Seasonal Efficiency (EN14825) HEATING	Annual Energy Consumption kWh Energy Label A Pdesign 4.5 SCOP 3.81 Ish -	633 A 6.0 3.81	1497 - 6.0 3.55 139	1418 - 7.8 3.85 151	633 A 6.0 3.81	1497 - 6.0 3.55 139	1418 - 7.8 3.85 151
Air Flow Rate (Cooling)	High / Med / Low 0.300 / 0.250 / 0.208	0.483 / 0.433 / 0.383	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392	0.483 / 0.433 / 0.383	0.567 / 0.483 / 0.392	0.567 / 0.483 / 0.392
External Static Pressure	High / Nom 150 / 30	150 / 40	150 / 50	150 / 40	150 / 40	150 / 50	150 / 50
Dimensions	Height 245 Width 1000 Depth 800	245 1400 800	245 1400 800	245 1400 800	245 1400 800	245 1400 800	245 1400 800
Weight	kg 35	46	46	46	46	46	46
Sound Pressure (Cooling)	High / Med / Low 30 / 28 / 25	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32	34 / 32 / 30	37 / 35 / 32	37 / 35 / 32
Sound Pressure (Heating)	High / Med / Low 31 / 28 / 25	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32	36 / 33 / 30	38 / 35 / 32	38 / 35 / 32
Sound Power (Cooling)	dBa 56	58	62	62	58	62	62

Outdoor Units	ARXM71R	AZAS100MV1	AZAS125MV1	AZAS140MV1	AZAS100MV1	AZAS125MV1	AZAS140MV1	AZAS100MV1	AZAS125MV1	AZAS140MV1	
	Dimensions	734 x 954 x 401	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight	kg 49	70	70	78	70	70	78	70	70	77	
Electrical Details	Power Supply 1ph Maximum Input Current (MCA) A 15.83 Max Fuse Size 16	1ph 25	1ph 28.3	1ph 32	1ph 25	1ph 28.3	1ph 32	1ph 25	1ph 28.3	1ph 32	
Interconnection Wiring	Core / Cable Size 3+E / 1.5 Liquid / Gas 3/8 (9.5) / 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	3+E / 1.5 5/8 (15.9)	
Piping Connections	Maximum Length m 20 Maximum Vertical Rise m 10 Pre-charged to g/m 0.35 Additional charge kg 1.15	30 30 N/A	30 30 N/A	30 30 N/A	30 30 N/A	30 30 N/A	30 30 N/A	30 30 N/A	30 30 N/A	30 30 N/A	
Pipework	Sound Pressure (Cooling) dBa 52 Sound Pressure (Heating) dBa 65 Operating Range (Cooling) Min / Max °CDB -10/46 Operating Range (Heating) Min / Max °CWB -15/18	30 30 52 65 -10/46 -15/18	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5	30 30 53 / 44 57 / 44 71 -5 / 46 -15 / 15.5
	Air Flow Rate (Cooling)	Nominal 0.776	1.183	1.266	1.150	1.183	1.266	1.150	1.183	1.266	



Madoka
BRC1H52W

ARXM71R

AZAS100-140M

**WI-FI ADAPTOR
AVAILABLE AS
AN OPTION**