



FBA-A9 / RXM-R

Slimmest yet most powerful medium static pressure unit on the market

- › Combination with split outdoor units is ideal for small retail, offices or residential applications
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Slimmest unit in class, only 245mm (300mm built-in height) and therefore narrow ceiling voids are no longer a challenge
- › Optional fresh air intake
- › Lowest sound levels in the market: down to 25dBa
- › Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- › Medium external static pressure up to 150Pa facilitates using flexible ducts of varying lengths
- › No optional adapter needed for DIII-connection, link your unit directly into the wider building management system
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Flexible installation: air suction direction can be altered from rear to bottom suction and choice between free use or connection to optional suction grilles
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed

R-32 BLUEVOLUTION



FBA-A9



RXM50-60R



BRC4C65 (optional)



Madoka BRCIH52W



WI-FI CONTROL VIA APP



WI-FI ADAPTOR

AVAILABLE AS AN OPTION



FBA-A / RXM-M9

R-32 **BLUEVOLUTION**

Indoor Units			FBA35A9	FBA50A9	FBA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.57
	UK Sensible Cooling	kW	2.99	3.55	4.09
	Nominal Cooling	kW	3.5	5.0	5.7
	Nominal Heating	kW	4.0	5.5	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A+
	Pdesign	kW	3.4	5.0	5.7
	SEER		6.23	6.27	5.91
	Annual Energy Consumption	kWh	191	279	337
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	2.9	4.4	4.6
	SCOP		4.07	4.06	4.01
	Annual Energy Consumption	kWh	996	1517	1607
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.250 / 0.208 / 0.175	0.250 / 0.208 / 0.175	0.300 / 0.250 / 0.208
External Static Pressure	High / Nom	Pa	150 / 30	150 / 30	150 / 30
Dimensions	Height	mm	245	245	245
	Width	mm	700	700	1000
	Depth	mm	800	800	800
Weight		kg	28	28	35
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 32 / 29	35 / 32 / 29	30 / 28 / 25
Sound Pressure (Heating)	High / Med / Low	dBA	37 / 34 / 29	37 / 34 / 29	31 / 28 / 25
Sound Power (Cooling)		dBA	60	60	56

Outdoor Units			RXM35R9	RXM50R	RXM60R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373
Weight		kg	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA) A		12.29	15.42	15.86
	Max Fuse Size	A	13	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	1/4 (6.4) / 3/8 (9.5)	1/4 (6.4) / 1/2 (12.7)	1/4 (6.4) / 1/2 (12.7)
Pipework	Maximum Length	m	20	30	30
	Maximum Vertical Rise	m	15	20	20
	Precharged to	m	10	10	10
	Additional charge	g/m	20	20	20
	Holding charge	kg	0.76	1.15	1.15
Sound Pressure (Cooling)	Nominal	dBA	49	48	48
Sound Pressure (Heating)	Nominal	dBA	49	49	49
Sound Power (Cooling)		dBA	61	62	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.600	0.777	0.777

Accessories:

Accessory Ref	Description
BRP069C81	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.CGM	Condensing unit guard (1150 x 1150 x 650)
K.CWB90-2	Wall bracket (90kg, 500mm support arm)
K.DT1	Condensate drip tray for use with K.CWB90-2
K.RSS	Wireless room mounted temperature sensor and receiver
KLIC-DI	KNX Interface for Sky Air and VRV systems
KRCS01-4	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.RC2	Return chamber - FBA35-50 - 2X200mm Spg
UK.RC3	Return chamber - FBA60-71 - 2X200mm Spg
UK.RC3A	Return chamber - FBA60-71 - 3X200mm Spg
UK.SF2	Supply flange - FBA35-50 - 2x200 Spg
UK.SF3	Supply flange - FBA60-71 - 2x200 Spg
UK.SF3A	Supply flange - FBA60-71 - 3x200 Spg

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