

Slim ducted unit

Bluevolution

FDXM-F9 / RXM-R

R-32 BLUEVOLUTION

Slim ducted unit, with a height of only 200mm

- 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
- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- Medium external static pressure up to 40Pa facilitates unit use with flexible ducts of varying lengths
- Low energy consumption thanks to DC fan motor
- Seasonal efficiency values up to A+ in cooling and heating



FDXM-F9



RXM50-60R

A+
A+

Replacement Technology



Madoka
BRC1H52W



BRC4C65
(optional)



WI-FI ADAPTOR
AVAILABLE AS AN OPTION

FDXM-F9 / RXM-R

R-32 BLUEVOLUTION

Indoor Units			FDXM25F9	FDXM35F9	FDXM50F9	FDXM60F9
Capacity	UK Total Cooling	kW	2.35	3.32	4.89	5.86
	UK Sensible Cooling	kW	1.81	2.26	3.33	4.11
	Nominal Cooling	kW	2.4	3.4	5.0	6.0
	Nominal Heating	kW	3.2	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A	A+	A
	Pdesign	kW	2.4	3.4	5.0	6.0
	SEER		5.68	5.26	5.77	5.56
	Annual Energy Consumption	kWh	148	226	303	378
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	A	A
	Pdesign	kW	2.6	2.9	4.0	4.6
	SCOP		4.24	3.88	3.93	3.80
	Annual Energy Consumption	kWh	858	1046	1424	1693
Air Flow Rate (Cooling)	High / Med / Low	m^3/sec	0.145 / 0.133 / 0.122	0.145 / 0.133 / 0.122	0.263 / 0.243 / 0.222	0.267 / 0.247 / 0.225
External Static Pressure	Nominal	Pa	30	30	40	40
Dimensions	Height	mm	200	200	200	200
	Width	mm	750	750	1150	1150
	Depth	mm	620	620	620	620
Weight		kg	21	21	28	28
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 33 / 27	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	35 / 33 / 27	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Power (Cooling)		dBA	53	53	55	56

Outdoor Units			RXM25R9	RXM35R9	RXM50R	RXM60R
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	734 x 870 x 373	734 x 870 x 373
Weight		kg	32	32	49	49
Electrical Details	Power Supply		1ph	1ph	1ph	1ph
	Maximum Input Current (MCA)	A	10.92	10.92	14.87	15.42
	Max Fuse Size	A	13	13	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	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) / 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	20	30	30
	Maximum Vertical Rise	m	15	15	20	20
	Precharged to	m	10	10	10	10
	Additional charge	g/m	20	20	20	20
	Holding charge	kg	0.76	0.76	1.15	1.15
Sound Pressure (Cooling)	Nominal	dBA	46	49	48	48
Sound Pressure (Heating)	Nominal	dBA	47	49	49	49
Sound Power (Cooling)		dBA	58	61	62	63
Operating Range (Cooling)	Min / Max	°CDB	-10 / 50	-10 / 50	-10 / 50	-10 / 50
Operating Range (Heating)	Min / Max	°CWB	-15 / 18	-15 / 18	-15 / 18	-15 / 18
Air Flow Rate (Cooling)	Nominal	m^3/sec	0.472	0.600	0.777	0.777

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.CGS	Condensing unit guard (750 x 1050 x 460)
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

Accessory Ref	Description
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.RAC5	Return Air Plenum for FDXM25/35F9
UK.RAC7	Return Air Plenum for FDXM50F9 and FDXM60F9
UK.SAF5	Supply Air Plenum for FDXM25/35F9
UK.SAF7	Supply Air Plenum for FDXM50F9 and FDXM60F9

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Daikin Airconditioning UK Limited The Heights Brooklands Weybridge Surrey KT13 0NY Tel 01932 879000 daikin.co.uk

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