



## FDXM-F3 / RXM-M9

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

**R-32** BLUEEVOLUTION



FDXM-F3



RXM42-60M9



BRC1E53A



BRC4C65  
(optional)



BRP069A81  
(optional)



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

# FDXM-F3 / RXM-M9

**R-32** BLUEEVOLUTION

Indoor Units			FDXM25F3	FDXM35F3	FDXM50F3	FDXM60F3
Capacity	UK Total Cooling	kW	2.35	3.32	4.81	5.86
	UK Sensible Cooling	kW	1.81	2.26	3.08	3.97
	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	315
	Energy Label		A+	A	A	A
Seasonal Efficiency (EN14825) HEATING	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
	EER/COP		3.77/4.00	2.98/3.48	3.06/3.10	2.93/3.21
Air Flow Rate (Cooling)	High / Nom / Low	m <sup>3</sup> /sec	0.145/0.133/0.121	0.145/0.133/0.121	0.263/0.243/0.221	0.266/0.246/0.225
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 / Nom / Low	dBA	35/33/27	35/33/27	38/35/30	38/35/30
Sound Pressure (Heating)	High / Nom / Low	dBA	35/33/27	35/33/27	38/35/30	38/35/30
Sound Power (Cooling)		dBA	53	53	55	55

Outdoor Units			RXM25M9	RXM35M9	RXM50M9	RXM60M9
Dimensions	Height x Width x Depth	mm	550 x 765 x 285	550 x 765 x 285	735 x 825 x 300	735 x 825 x 300
Weight		kg	32	32	47	47
Electrical Details	Power Supply		1ph	1ph	1ph	1ph
	Running Current	A	-	-	-	-
	Starting Current	A	-	-	-	-
	Max Fuse Size	A	10	10	15	15
Interconnection Wiring	Core / Cable Size		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)	
Pipework	Maximum Length	m	20	20	30	30
	Maximum Vertical Rise	m	20	20	20	20
	Precharged to	m	10	10	10	10
	Additional charge	g/m	20	20	20	20
	Holding charge	kg	0.76	0.76	1.40	1.45
Sound Pressure (Cooling)	Nominal	dBA	46	49	48	48
Sound Pressure (Heating)	Nominal	dBA	47	49	49	49
Sound Power (Cooling)		dBA	59	61	62	63
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/18	-15/18	-15/18	-15/18
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /sec	0.600	0.600	0.840	0.840

Accessory Ref	Description
BRC1E53A	Premium wired remote controller (Included as standard)
BRP069A81	Wifi adaptor for connection to on-line controller
BRC2E52C	Wired simplified remote controller (without auto swing)
BRC4C65	Wireless remote controller
K.CGM	Condensing unit guard size 42-71
K.CGS	Condensing unit guard size 20-35
K.CWB90-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU
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 FDXM25/35F3
UK.RAC7	Return Air Plenum for FDXM50F3 and FDXM60F3
UK.SAF5	Supply Air Plenum for FDXM25/35F3
UK.SAF6	Supply Air Plenum for FDXM50F3
UK.SAF7	Supply Air Plenum for FDXM60F3

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