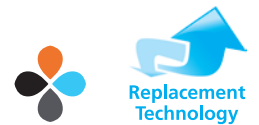# Slim ducted unit
Seasonal Efficiency

FDXM-F3 / RXS-L

Easily mounted in a ceiling void of only 240mm

Compact dimensions concealed ceiling unit that can easily be mounted in a ceiling void of only 240mm:
> Discretely concealed in the ceiling: only the suction and discharge grilles are visible
> Low energy consumption thanks to DC fan motor
> Medium external static pressure up to 40Pa, facilitates unit use with flexible ducts of varying lengths

The slim concealed unit has a very wide range of capacities to suit an array of applications from hotels, to retail to offices. The design has been created to maximise comfort, minimise operating noise and simplify installation and servicing. Designed to fit rooms of any size and shape, Daikin indoor units are also user friendly, ultra-reliable, easy to control and quiet in operation. All indoor units comply with the Ecodesign legislation by adopting DC fans, improving their energy efficiency.
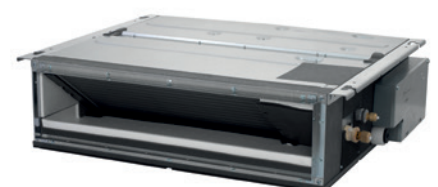
BRC1E53A

BRC4C65

RXS25-35L3

FDXM-F3

Slim concealed ceiling unit

FDXM-F3 / RXS-L

Features	Benefits
Compact dimensions	Can easily be mounted in a ceiling void of only 240mm
Blends unobtrusively with any interior décor	Only the suction and discharge grilles are visible so looks unobtrusive in a smart interior
DC inverter fans	Low energy consumption therefore less costly to run
Medium external static pressure	Can be used with flexible ducts of varying lengths increasing installation flexibility
Standard drain pump with 750mm lift	Increases install location flexibility

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		5.63	5.21	5.72	5.51
	Annual Energy Consumption	kWh	149	228	306	381
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	1047	1425	1693
Nominal Efficiency	EER / COP		3.74 / 4.00	2.96 / 3.48	3.03 / 3.10	2.91 / 3.21
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.145 / 0.145 / 0.122	0.145 / 0.145 / 0.122	0.200 / 0.200 / 0.167	0.267 / 0.000 / 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	30	30
Sound Pressure (Cooling)	High / Nom / Low	dBA	35 / 33 / 27	35 / 33 / 27	38 / 36 / 30	38 / 36 / 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	56

Outdoor Units			RXS25L3	RXS35L3	RXS50L	RXS60L
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	34	34	47	48
Electrical Details	Power Supply		1ph			
	Running Current	A	3.90	4.90	7.10	9.20
	Starting Current	A	3.3	4.3	6.8	10.2
	Max Fuse Size	A	10	10	20	20
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	15	15	20	20
	Precharged to	m	10	10	10	10
	Additional Charge	g/m	20			
	Holding Charge	kg	1.00	1.20	1.70	1.50
Sound Pressure (Cooling)	High / Silent Operation	dBA	46 / 43	48 / 44	48 / 44	49 / 46
Sound Pressure (Heating)	High / Silent Operation	dBA	48/45	48/45	48/-	48/-
Sound Power (Cooling)		dBA	61	61	62	62
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)	High	m³/sec	0.558	0.600	0.484	0.836

Accessory	Material	Benefit / Purpose
Adapter for wiring	KRP1B56	Gives an output signal for example to run a booster fan
Wiring adapter for electrical 1	KRP2A53 [also KRP2A51 & 52 can be used as last digit refers to the length of the cable]	On-off, run and fault , set point control on F1/F2 – For example where 2 remotes are required to control the space
Wiring adapter for electrical 2	KRP4A54 [also KRP4A53 & 52 can be used as last digit refers to the length of the cable]	On-off, run and fault , set point control on P1/P2 – For example where 1 remote controller [as only 2 devises allowed on P1/P2]
Remote sensor	KRCS01-4B	Ability to move the sensor from the fixed controller to where required in the room
Installation box for adapter PCB	KRP1BA101	Installation box for above 3 boards [KRP1B56, KRP2A53, KRP4A54]
Noise filter [for electromagnetic interface only]	KEK26-1A	PCB to combat potential on site electrical noise such as interference from high voltage cabling
WiFi adapter for online controller	BRP069A81	Allows the use of the Daikin Online Controller App for in/out home operation

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

CE

LLOYD'S REGISTER · LRQA
ISO 9001 · ISO 14001

FSC

Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU), Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

Daikin Airconditioning UK Limited The Heights Brooklands Weybridge Surrey KT13 0NY Tel 0845 6419000 Fax 0845 6419009 daikin.co.uk