DAIKIN

FDXM-F9 / RZAG-B SkyAir Alpha-series

Slim Ducted Unit –
Mini Sky Air

Compact comfort and high efficiency for tight spaces

The ultimate concealed solution for small spaces, designed for flexible installation. With a depth of only 620mm and a ceiling void requirement of just 240mm, it fits where others can't, offering best-in-class versatility and efficiency when paired with Daikin's SkyAir Alpha-series. Delivering efficient, discreet comfort in hotels, alcoves, apartments, offices and compact commercial environments.

Comfort that fits anywhere
Operating quietly with selectable night and silent modes, the outdoor unit runs on three low-sound settings, perfect for noise-sensitive environments. Its slim profile and long-ducting capability ensure steady airflow and comfort without compromising space or style.

Smart energy savings
Daikin's inverter compressor automatically adjusts to provide only the power needed, ensuring efficient, responsive heating and cooling. Economy Mode further reduces energy use by around 30%, while the optional Self-Cleaning Filter maintains peak performance with minimal maintenance.

Efficient control, even when away
The Home Leave Operation mode reduces energy consumption when rooms are unoccupied, maintaining background comfort while minimising power use. If power is cut off whilst on and operating, this system will automatically restart to the previous running mode. Optional Wi-Fi control via the Daikin Onecta App lets users

manage temperature and modes remotely, offering full flexibility from anywhere.

Reliable airflow performance
With up to 40Pa external static pressure, this model supports extended ductwork layouts, enabling always-consistent temperature distribution, even across multiple small zones or irregularly shaped spaces.
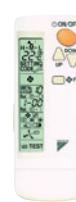
Installation flexibility for modern designs
Compact and easy to install, the indoor unit's shallow design suits alcoves and ceiling voids with limited clearance. Compatibility with Airzone multi-zoning kits (optional) further adds installation freedom and speed.

Built for the modern workplace
Infrastructure Cooling capability makes this model ideal for technical environments such as IT rooms or server spaces. Delivers reliable, continuous operation, protecting sensitive equipment while ensuring long-term efficiency and maximum uptime.

FDXM-F9

BRC4C65
(optional)

RZAG-B

WI-FI CONTROL VIA APP

Madoka
BRC1H52W7

WI-FI ADAPTOR
AVAILABLE AS AN OPTION

Replacement Technology

FDXM-F9 / RZAG-B SkyAir Alpha-series

R-32 BLUEVOLUTION

Indoor Units			FDXM35F9	FDXM50F9	FDXM60F9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.31	3.59	4.11
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.0	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	A+
	Pdesign	kW	3.5	5.0	6.0
	SEER		5.90	5.90	5.70
	Annual Energy Consumption	kWh	208	296	368
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	A	A
	Pdesign	kW	3.5	4.3	4.5
	SCOP		3.90	3.90	3.90
	Annual Energy Consumption	kWh	1255	1544	1616
Air Flow Rate (Cooling)	High / Med / Low	m³/min	8.7 / 8.0 / 7.3	15.8 / 14.6 / 13.3	16.0 / 14.8 / 13.5
External Static Pressure	Nominal	Pa	30	40	40
Dimensions	Height	mm	200	200	200
	Width	mm	750	1150	1150
	Depth	mm	620	620	620
Weight		kg	21	28	28
Sound Pressure (Cooling)	High / Med / Low	dBA	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Pressure (Heating)	High / Med / Low	dBA	35 / 33 / 27	38 / 35 / 30	38 / 35 / 30
Sound Power (Cooling)		dBA	53	55	56

Outdoor Units			RZAG35B	RZAG50B	RZAG60B
Dimensions	Height x Width x Depth	mm	734 x 870 x 373	734 x 870 x 373	734 x 870 x 373
Weight		kg	52	52	52
Electrical Details	Power Supply		1ph	1ph	1ph
	Maximum Input Current (MCA)	A	13.42	13.47	15.39
	Max Fuse Size	A	16	16	20
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	50	50	50
	Maximum Vertical Rise	m	30	30	30
	Precharged to	m	30	30	30
	Additional charge	g/m	20	20	20
	Holding charge	kg	1.55	1.55	1.55
Sound Pressure (Cooling)	Nominal	dBA	48	49	50
Sound Pressure (Heating)	Nominal	dBA	48	49	50
Sound Power (Cooling)		dBA	62	63	64
Operating Range (Cooling)	Min / Max	°CDB	-20 / 52	-20 / 52	-20 / 52
Operating Range (Heating)	Min / Max	°CWB	-21 / 18	-21 / 18	-21 / 18
Air Flow Rate (Cooling)	Nominal	m³/min	55.1	55.1	55.1

Notes & Features:

› All fan coils supplied as standard with air filter
› New chassis with height of 245mm makes the FBA-A one of the slimmest medium static units on the market

Accessories:

Accessory Ref	Description
BRC1H52W7	Wired touch screen remote controller - White
BRC1H52S7	Wired touch screen remote controller - Silver
BRC1H52K7	Wired touch screen remote controller - Black
BRP069C81	Wi-Fi adapter for use with Daikin ONECTA App
BRC4C65	Wireless remote controller
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems
KRCS01-4	Remote room mounted temperature sensor
K.RSS	Wireless room mounted temperature sensor and receiver
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting
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

Accessory Ref	Description
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV
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.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit
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
RS-SE	Service and configuration tool for K.RSS

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CE

LRQA CERTIFIED ISO 9001 • ISO 14001

UKAS MANAGEMENT SYSTEMS 0001

FSC

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