DAIKIN

FVA-A / AZAS-M *SkyAir* *Active-series*

Floor Standing -
Active Condenser

For commercial spaces with high ceilings

Combinations with Sky Air Active series ensures excellent value for money for all types of commercial applications.

Consistent comfort for occupied spaces, delivering steady, even cooling to maintain comfortable conditions for staff and customers. This system supports productivity and improves in-store or office experience.

Discreet floor-standing solution, maximise usable wall and ceiling areas for displays or lighting utilising this slim, floor-mounted design that integrates neatly into shop floors, offices, and perimeter spaces.

Designed for demanding conditions Daikin Sky Air condensers use R-32 refrigerant and refrigerant-cooled PCBs for reliable performance at outstanding value.

Reliable Operation reduces disruption to your business operations. Built for dependable performance, Sky Air Active can help you maintain comfort through long opening hours.
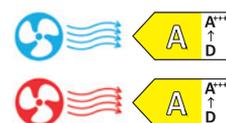

FVA-A   ARXM71A   AZAS100-140M

WI-FI CONTROL VIA APP

Madoka
BRC1H52W7

WI-FI ADAPTOR
AVAILABLE AS AN OPTION

A
A+++
D

A
A+++
D

Replacement Technology

DAIKIN

FVA-A / AZAS-M SkyAir Active-series

R-32   BLUEVOLUTION

Indoor Units			Single Phase			3 Phase		
			FVA100A	FVA125A	FVA140A	FVA100A	FVA125A	FVA140A
Capacity	UK Total Cooling	kW	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	10.8	13.5	15.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A	-	-	A	-	-
	Pdesign	kW	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.5	5.30	5.4	5.5	5.30	5.4
	$\eta s,c$	%	-	209	213	-	209	213
	Annual Energy Consumption	kWh	605	1370	1489	605	1370	1489
Seasonal Efficiency (EN14825) HEATING	Energy Label		A	-	-	A	-	-
	Pdesign	kW	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		3.79	3.56	3.81	3.79	3.56	3.81
	$\eta s,h$	%	-	139	149	-	139	149
	Annual Energy Consumption	kWh	2217	2360	2866	2217	2360	2866
Air Flow Rate (Cooling)	High / Med / Low	m³/min	28.0 / 25.0 / 22.0	28.0 / 26.0 / 24.0	30.0 / 28.0 / 26.0	28.0 / 25.0 / 22.0	28.0 / 26.0 / 24.0	30.0 / 28.0 / 26.0
Dimensions	Height	mm	1850	1850	1850	1850	1850	1850
	Width	mm	600	600	600	600	600	600
	Depth	mm	350	350	350	350	350	350
Weight		kg	50	50	50	50	50	50
Sound Pressure (Cooling)	High / Med / Low	dBA	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
Sound Pressure (Heating)	High / Nom / Low	dBA	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
Sound Power (Cooling)		dBA	62	63	65	62	63	65

Outdoor Units			AZAS100MV	AZAS125MV	AZAS140MV	AZAS100MY	AZAS125MY	AZAS140MY
Dimensions	Height x Width x Depth	mm	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320	990 x 940 x 320
Weight		kg	72	72	79	72	72	79
Electrical Details	Power Supply		1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	21.5	27.8	27	14.2	14.6	14.6
	Max Fuse Size	A	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5	3+E / 1.5
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	30	30	30	30	30	30
	Maximum Vertical Rise	m	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30
	Additional charge	g/m	N/A	N/A	N/A	N/A	N/A	N/A
	Holding charge	kg	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	53/44	53/44	54/44	53/44	53/44	54/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	57/44	57/44	57/44	57/44	57/44	57/44
Sound Power (Cooling)		dBA	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-10/46	-10/46	-10/46	-10/46	-10/46	-10/46
Operating Range (Heating)	Min / Max	°CWB	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5	-15/15.5
Air Flow Rate (Cooling)	Nominal	m³/min	69.0	71.0	76.0	69.0	71.0	76.0

Notes & Features:

› Vertical air flow pattern can be adjusted manually to match requirements

› Controllable horizontal air-blow patterns

Accessories:

Accessory Ref	Description
BRC1E53A	Wired Remote Controller suitable for integration in front panel
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
KLIC-DI_V2	KNX Interface for Sky Air and VRV systems
KRP4A53 and UK.FB2	Unit/group adaptor PCB for remote on/off, status indication and temperature setting

Accessory Ref	Description
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
EKMBPP1A and UK.FB2	Modbus interface PCB for Sky Air and VRV
K.CGM	Condensing unit guard (1150 x 1150 x 650)
K.CWBXL	Wall bracket (250kg, 660mm support arm)
K.DT2	Condensate drip tray for use with K.CWBXL
K.FF600S	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

CE

LRQA CERTIFIED ISO 9001 • ISO 14001

UKAS MANAGEMENT SYSTEMS 0001

FSC

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