

FVA-A / RZASG-M *SkyAir* Advance-series



# Floor Standing - Advance Condenser

For commercial spaces with high ceilings

Seamless compatibility with Sky Air Advance delivers efficient, reliable commercial climate control performance.

**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, even in high temperatures.

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

**Minimal external disruption**  
Utilising state of the art Daikin Swing compressors and specially designed fan blades, Sky Air Advance condensers produce sound at levels down to 42dBa! Add this with incredibly small form factor to give you the utmost performance with the least external disruption.



FVA-A



RZASG71M

RZASG100-140M





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**R-32** BLUEEVOLUTION

Indoor Units			Single Phase				3 Phase		
			FVA71A	FVA100A	FVA125A	FVA140A	FVA100A	FVA125A	FVA140A
Capacity	UK Total Cooling	kW	7.28	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	4.99	7.44	9.30	10.25	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	10.8	13.5	15.5
	Energy Label		A+	A+	-	-	A+	-	-
Seasonal Efficiency (EN14825) COOLING	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.83	5.72	5.52	5.63	5.72	5.52	5.63
	ηs,c	%	-	-	218	222	-	218	222
	Annual Energy Consumption	kWh	408	581	1314	1428	581	1314	1428
	Energy Label		A+	A	-	-	A	-	-
Seasonal Efficiency (EN14825) HEATING	Pdesign	kW	4.5	6.0	6.0	7.8	6.0	6.0	7.8
	SCOP		4.04	3.83	3.64	3.81	3.83	3.64	3.81
	ηs,h	%	-	-	143	149	-	143	149
	Annual Energy Consumption	kWh	1559	2193	2308	2866	2193	2308	2866
	Energy Label		A+	A	-	-	A	-	-
Air Flow Rate (Cooling)	High / Med / Low	m³/min	18.0 / 16.0 / 14.0	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	1850
	Width	mm	600	600	600	600	600	600	600
	Depth	mm	270	350	350	350	350	350	350
Weight		kg	42	50	50	50	50	50	
Sound Pressure (Cooling)	High / Med / Low	dBA	43 / 41 / 38	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	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48
Sound Power (Cooling)		dBA	55	62	63	65	62	63	65

Outdoor Units			RZASG71MV1	RZASG100MV	RZASG125MV	RZASG140MV	RZASG100MY	RZASG125MY	RZASG140MY
Dimensions	Height x Width x Depth	mm	770 x 900 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	990 x 940 x 320
Weight		kg	60	70	70	78	70	70	77
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph
	Maximum Input Current (MCA)	A	17.6	22.0	28.0	27.5	14.8	14.8	15.0
	Max Fuse Size	A	20	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	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)	3/8 (9.5) / 5/8 (15.9)
Pipework	Maximum Length	m	50	50	50	50	50	50	50
	Maximum Vertical Rise	m	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30
	Additional charge	g/m	35	35	35	35	35	35	35
	Holding charge	kg	2.45	2.60	2.60	2.90	2.60	2.60	2.90
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46 / 42	53 / 44	53 / 44	54 / 44	53 / 44	53 / 44	54 / 44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	47 / 42	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44	57 / 44
Sound Power (Cooling)		dBA	65	70	71	73	70	71	73
Operating Range (Cooling)	Min / Max	°CDB	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 46	-15 / 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	-15 / 15.5
Air Flow Rate (Cooling)	Nominal	m³/min	56.0	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-DL_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
EKMPPP1A 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.FF6005	Two flexi-feet (Standard 600mm x 185mm x 100mm) to mount the outdoor unit

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