



**SkyAir** Alpha-series    **SkyAir** Advance-series

**R-32**    **BLUEEVOLUTION**

## FDA-A / RZAG+RZASG-M

ESP up to 200Pa,  
ideal for large sized spaces

- › High external static pressure up to 200Pa facilitates extensive duct and grille network
- › Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- › Discretely concealed in the ceiling: only the suction and discharge grilles are visible
- › Reduced energy consumption thanks to specially developed DC fan motor
- › No optional adapter needed for DIII-connection, link your unit directly into the wider building management system
- › Flexible installation, as the air suction direction can be altered from rear to bottom suction
- › Standard built-in drain pump with 625mm lift increases flexibility and installation speed



FDA-A



RZAG125



BRC1E53A



BRC4C65 (optional)



BRP069A81 (optional)



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

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Indoor Units			Single Phase		3 Phase	
			FDA125A	FDA125A	FDA125A	FDA125A
Capacity	UK Total Cooling	kW	13.60	13.60	13.60	13.60
	UK Sensible Cooling	kW	9.30	9.30	9.30	9.30
	Nominal Cooling	kW	12.1	12.1	12.1	12.1
	Nominal Heating	kW	13.5	13.5	13.5	13.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		-	-	-	-
	Pdesign	kW	12.1	12.1	12.1	12.1
	SEER		6.59	5.03	6.59	5.03
	Annual Energy Consumption	kWh	1102	1444	1102	1444
Seasonal Efficiency (EN14825) HEATING	Energy Label		-	-	-	-
	Pdesign	kW	9.52	6.00	9.52	6.00
	SCOP		4.08	3.58	4.08	3.58
	Annual Energy Consumption	kWh	3267	2346	3267	2346
Nominal Efficiency	EER/COP		3.81/4.43	2.56/4.08	3.81/4.43	2.56/4.08
Air Flow Rate (Cooling)	High / Low	m <sup>3</sup> /sec	0.650/0.466	0.650/0.466	0.650/0.466	0.650/0.466
External Static Pressure	High / Nom	Pa	200/50	200/50	200/50	200/50
Dimensions	Height	mm	300	300	300	300
	Width	mm	1400	1400	1400	1400
	Depth	mm	700	700	700	700
Weight		kg	45	45	45	45
Sound Pressure (Cooling)	High / Low	dBA	40/33	40/33	40/33	40/33
Sound Pressure (Heating)	High / Low	dBA	40/33	40/33	40/33	40/33
Sound Power (Cooling)		dBA	66	66	66	66

Outdoor Units			RZAG125MV1	RZASG125MV1	RZAG125MY1	RZASG125MY1
Dimensions	Height x Width x Depth	mm	1430 x 940 x 320	990 x 940 x 320	1430 x 940 x 320	990 x 940 x 320
Weight		kg	92	70	92	70
Electrical Details	Power Supply		1ph	1ph	3ph	3ph
	Running Current	A	28.2	28.9	15.7	15.7
	Starting Current	A	-	-	-	-
	Max Fuse Size	A	32	32	16	16
Interconnection Wiring	Core / Cable Size		3+E / 1.5			
Piping Connections	Liquid / Gas	inches (mm)	3/8 (9.5) / 5/8 (15.9)			
Pipework	Maximum Length	m	85	50	85	50
	Maximum Vertical Rise	m	30	30	30	30
	Precharged to	m	40	30	40	30
	Additional charge	g/m	Refer to Installation Manual			
	Holding charge	kg	3.75	2.60	3.75	2.60
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	50/44	53/44	50/44	53/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	52/44	57/44	52/44	57/44
Sound Power (Cooling)		dBA	69	71	69	71
Operating Range (Cooling)	Min / Max	°CDB	-20/52	-15/46	-20/52	-15/46
Operating Range (Heating)	Min / Max	°CWB	-20/18	-15/15.5	-20/18	-15/15.5
Air Flow Rate (Cooling)	Nominal	m <sup>3</sup> /sec	1.383	1.183	1.383	1.183

Accessory Ref	Description
BRC1E53A	Premium wired remote controller (Included as standard)
BRP069A81	Wifi adaptor for connection to on-line controller
BRC4C65	Wireless remote controller
DTA112B51	Adaptor PCB for interface to Daikin centralised control systems
EKROR03	Remote on/off control interface kit
K.CGL	Condensing unit guard size 100-140 including RXYSQ
K.CWB140-2	Condensing unit bracket - size 100 to 140
K.DT2	Condensate drip tray for use with K.CWB140-2

Accessory Ref	Description
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
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

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