



# Ceiling suspended unit

Mini Sky Air – 50m pipe run

**FHA-A9 / RZAG-A**

**SkyAir** Alpha-series

**R-32 BLUEEVOLUTION**

For wide rooms with no false ceilings

- › Combination with new Mini Sky Air to achieve up to 50m total pipe run
- › Ideal for comfortable air flow in wide rooms thanks to Coanda effect: up to 100° discharge angle
- › Even rooms with ceilings up to 3.8m can be heated up or cooled down very easily without capacity loss
- › Can easily be mounted in corners and narrow spaces, as it only needs 300mm lateral service space
- › Reduced energy consumption thanks to specially developed DC fan motor and drain pump
- › Stylish unit blends easily with any interior. The flaps close entirely when the unit is not operating and there are no air intake grilles visible
- › No optional adapter needed for DIII-connection, link your unit directly into the wider building managements system
- › Drain pump kit available as accessory
- › Fresh air intake integrated in the same system thus reducing installation cost as no additional ventilation device is required



FHA-A9



RZAG35A



## FHA-A9 / RZAG-A

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**BLUEEVOLUTION**

Indoor Units			FHA35A9	FHA50A9	FHA60A9
Capacity	UK Total Cooling	kW	3.42	4.89	5.86
	UK Sensible Cooling	kW	2.77	3.49	4.26
	Nominal Cooling	kW	3.5	5.0	6.0
	Nominal Heating	kW	4.0	5.8	7.0
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++
	Pdesign	kW	3.5	5.0	6.0
	SEER		6.40	6.80	6.60
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+
	Pdesign	kW	3.10	4.00	4.60
	SCOP		4.10	4.30	4.20
Air Flow Rate (Cooling)	High / Med / Low	m³/sec	0.233 / 0.191 / 0.167	0.250 / 0.200 / 0.167	0.325 / 0.250 / 0.191
Dimensions	Height	mm	235	235	235
	Width	mm	960	960	1270
	Depth	mm	690	690	690
	Weight	kg	24	25	31
Sound Pressure (Cooling)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Pressure (Heating)	High / Med / Low	dBA	36 / 34 / 31	37 / 35 / 32	37 / 35 / 33
Sound Power (Cooling)		dBA	53	54	54

Outdoor Units			RZAG35A	RZAG50A	RZAG60A
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		14.83	14.83	16.70
	Max Fuse Size	A	16	16	20
	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/sec	0.918	0.918	0.918

Meets ETL criteria			•	•
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### Accessories:

Accessory Ref	Description
BRP069C81	Wifi adaptor for connection to on-line controller
BRC1H52W	Wired touch screen remote controller - White (Included as standard)
BRC1H52S	Wired touch screen remote controller - Silver
BRC1H52K	Wired touch screen remote controller - Black
BRC7GA53-9	Wireless remote controller
EKRORO4	Remote on/off control interface kit
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.RSS	Wireless room mounted temperature sensor and receiver

Accessory Ref	Description
KDDQ50A140	Fresh air intake kit for up to 20% fresh air
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
RS-SE	Service and configuration tool for K.RSS
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
KAFP501A80	Long life filter for 71 class
KAFP501A160	Long life filter for 100, 125 & 140 class

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