

600x600 fully flat cassette Mini Sky Air – 50m pipe run

FFA-A9 / RZAG-A

R-32 BLUEVOLUTION

Unique design in the market that integrates fully flat into the ceiling

- Combination with new Mini Sky Air to achieve up to 50m total pipe run
- Fully flat integration in standard architectural ceiling tiles, leaving only 8mm
- Remarkable blend of iconic design and engineering excellence with an elegant finish in white or a combination of silver and white
- Individual louvre control: flexibility to suit every room layout without changing the location of the indoor unit
- Two optional intelligent sensors improve energy efficiency and comfort

- No optional adapter needed for DIII-connection, link your unit directly into the wider building management system
- Reduced energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- > Optional fresh air intake
- Standard drain pump with 675mm lift increase flexibility and installation speed



FFA-A9 (White)

FFA-A9 (Silver)







BRC1H519W

BRC7F530S / W BRP069A81 (optional) (optional)

WI-FI ADAPTOR

AVAILABLE AS AN OPTION







FFA-A9 / RZAG-A

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Indoor Units			FFA35A9	FFA50A9	FFA60A9
Capacity	UK Total Cooling	kW	3.32	4.62	5.72
	UK Sensible Cooling	kW	2.28	3.40	4.20
	Nominal Cooling	kW	3.4	5.0	5.7
	Nominal Heating	kW	4.2	5.8	7.0
Seasonal Efficiency	Energy Label		A++	A++	A+
(EN14825)	Pdesign	kW	3.4	5.0	5.7
COOLING	SEER		6.40	6.30	5.80
Seasonal Efficiency	Energy Label		A	A+	A+
(EN14825)	Pdesign	kW	3.10	3.84	3.96
HEATING	SCOP		3.80	4.01	4.04
Nominal Efficiency	EER/COP		4.00 / 3.71	3.40 / 3.10	3.23 / 2.90
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.166/0.141/0.108	0.200/0.166/0.125	0.241/0.208/0.158
Dimensions (with Decoration Panel)	Height	mm	260 (306)	260 (306)	260 (306)
	Width	mm	575 (620)	575 (620)	575 (620)
	Depth	mm	575 (620)	575 (620)	575 (620)
Weight (with Decoration Pa	anel)	kg	16 (18.8)	17.5 (20.2)	17.5 (20.2)
Sound Pressure (Cooling)	High / Nom / Low	dBA	34/30.5/25	39/34/27	43/40/32
Sound Pressure (Heating)	High / Nom / Low	dBA	34/30.5/25	39/34/27	43/40/32
Sound Power (Cooling)		dBA	51	56	60
Outdoor Units			RZAG35A	RZAG50A	RZAG60A
Dimensions	Height x Width x Depth	mm	820 x 1050 x 480	820 x 1050 x 480	820 x 1050 x 480
	neight x maan x b epan				620 X 1050 X 460
Weight	Theight x matrix bepar	kg	52	52	52
3	Power Supply	kg	52 1ph		
5				52	52
5	Power Supply		1ph	52 1ph	52 1ph
Electrical Details	Power Supply Maximum Input Current (MCA)	A	1ph 14.43	52 1ph 14.63	52 1ph 16.70
Electrical Details	Power Supply Maximum Input Current (MCA) Max Fuse Size	A	1ph 14.43 16	52 1ph 14.63 16	52 1ph 16.70 20
Electrical Details	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size	A A	1ph 14.43 16 3+E / 1.5	52 1ph 14.63 16 3+E / 1.5	52 1ph 16.70 20 3+E / 1.5
Electrical Details	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas	A A inches (mm)	1ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5)	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7)	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7)
Electrical Details nterconnection Wiring Piping Connections	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length	A A A I A I A A I A A I A A I A A I A A I A A A I A	1ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50
Electrical Details	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length Maximum Vertical Rise	A A A A A A A A A A A A A A A A A A A	1ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50 30	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30
Electrical Details nterconnection Wiring Piping Connections	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length Maximum Vertical Rise Precharged to	A A A A A A A A A A A A A A A A A A A	1ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50 30 30 30	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30
Electrical Details nterconnection Wiring Piping Connections Pipework	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length Maximum Vertical Rise Precharged to Additional charge	A A A A A A A A A A A A A A A A A A A	1 ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50 30 30 20	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 30 20
Electrical Details Interconnection Wiring Piping Connections Pipework Sound Pressure (Cooling)	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length Maximum Vertical Rise Precharged to Additional charge Holding charge	A A A A A A A A A A A A A A A A A A A	1 ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50 30 30 20 1.55	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20 1.55	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 30 20 1.55
Electrical Details Interconnection Wiring Piping Connections Pipework Sound Pressure (Cooling) Sound Pressure (Heating)	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length Maximum Vertical Rise Precharged to Additional charge Holding charge Nominal	A A A A A A A A A A A A A A A A A A A	1ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50 30 30 30 20 1.55 48	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20 1.55 49	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20 1.55 50
Weight Electrical Details Interconnection Wiring Piping Connections Pipework Sound Pressure (Cooling) Sound Pressure (Heating) Sound Power (Cooling) Operating Range (Cooling)	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length Maximum Vertical Rise Precharged to Additional charge Holding charge Nominal Nominal	A A A A A A A A A A A A A A A A A A A	1ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50 30 30 20 1.55 48 48	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20 1.55 49 49	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20 1.55 50 50
Electrical Details Interconnection Wiring Piping Connections Pipework Sound Pressure (Cooling) Sound Pressure (Heating) Sound Power (Cooling)	Power Supply Maximum Input Current (MCA) Max Fuse Size Core / Cable Size Liquid / Gas Maximum Length Maximum Vertical Rise Precharged to Additional charge Holding charge Nominal Nominal Min / Max	A A A A A A A A A A A A A A A A A A A	1ph 14.43 16 3+E / 1.5 1/4 (6.4) / 3/8 (9.5) 50 30 30 20 1.55 48 48 48 62	52 1ph 14.63 16 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20 1.55 49 49 49 63	52 1ph 16.70 20 3+E / 1.5 1/4 (6.4) / 1/2 (12.7) 50 30 30 20 1.55 50 50 50 64

ECA Eligible

Accessory Ref	Description
BYFQ60CW	Fully Flat Cassette Decoration Panel - White (Included as standard)
BRC1E53A	Premium wired remote controller (Included as standard)
BRP069A81	Wifi adaptor for connection to on-line controller
BRC1H519W	New - wired touch screen remote controller - White
BRC1H519S	New - wired touch screen remote controller - Silver
BRC1H519K	New - wired touch screen remote controller - Black
BDBHQ44C60	Sealing member for decoration panel FFA,FXZQ
BRC7EB530W	Wireless remote for fully flat cassette Old Style decoration panel
BRC7F530S	Wireless remote controller for Silver ceiling decoration panel
BRC7F530W	Wireless remote controller for White ceiling decoration panel
BRYQ60AS	Integral PIR sensor for fully flat cassette Silver decoration panel. Enables energy saving functions
BRYQ60AW	Integral PIR sensor for fully flat cassette White decoration panel. Enables energy saving functions
BYFQ60B3	Fully Flat Cassette Decoration Panel - Old style (FFQ-B9V looks)
BYFQ60CS	Fully Flat Cassette Decoration Panel - Silver

Accessory Ref	Description
K.CGM	Condensing unit guard size 42-71
K.CGS	Condensing unit guard size 20-35
K.CWB90-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU
K.DT1	Condensate drip tray for use with K.CWB90-2
K.RSS	Wireless room mounted temperature sensor and receiver
KLIC-DI	KNX Interface for Sky Air and VRV systems
KRCS01-4	Remote room mounted temperature sensor
KRP1B57 and UK.FB2	Adaptor PCB for Interlock to fresh air fan
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

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