Floor standing unit

Advance

FVA-A / RZASG-M

Sky Air Advance-series

R-32 BLUEVOLUTION

For commercial spaces with high ceilings

- Combination with Sky Air Advance series ensures good value for money for all types of commercial applications
- Ideal solution for commercial and busy environment
- Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed
- Improved comfort as a result of better airflow distribution from the vertical out blow which allows manual adjustment or air outlet blades at the top of the unit
- Selectable horizontal out blow to better suit the layout of the room (via wired remote controller BRC1E53A)
- No optional adapter needed for DIII-connection, link your unit directly into the wider building management system

FVA-A

RZASG71 RZASG100-140

BRC1E53A

BRP069A81 (optional)

A+ A+

Replacement Technology

WI-FI ADAPTOR
AVAILABLE AS AN OPTION

FVA-A / RZASG-M

R-32 BLUEVOLUTION

Indoor Units			Single Phase				3 Phase		
			FVA71A	FVA100A	FVA125A	FVA140A	FVA100A	FVA125A	FVA140A
Capacity	UK Total Cooling	kW	7.76	10.80	13.60	14.90	10.80	13.60	14.90
	UK Sensible Cooling	kW	5.32	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
Seasonal Efficiency (EN14825) COOLING	Energy Label		A+	A+	-	-	A+	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	9.5	12.1	13.4
	SEER		5.83	5.72	5.30	5.63	5.72	5.30	5.63
	Annual Energy Consumption	kWh	408	581	1370	1428	581	1370	1428
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A	-	-	A	-	-
	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
	Annual Energy Consumption	kWh	1559	2193	2308	2866	2193	2308	2866
Nominal Efficiency	EER/COP		3.38/3.71	3.20/4.45	2.47/3.71	2.62/3.51	3.20/4.45	2.47/3.71	2.62/3.51
Air Flow Rate (Cooling)	High / Low	m^3/sec	0.300/0.233	0.466/0.366	0.466/0.400	0.500/0.433	0.466/0.366	0.466/0.400	0.500/0.433
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	39	47	47	47	47	47	47
Sound Pressure (Cooling)	High / Low	dBA	43/38	50/44	51/46	53/48	50/44	51/46	53/48
Sound Pressure (Heating)	High / Low	dBA	43/38	50/44	51/46	53/48	50/44	51/46	53/48
Sound Power (Cooling)		dBA	55	62	63	65	62	63	65

Outdoor Units			RZASG71MV1	RZASG100MV1	RZASG125MV1	RZASG140MV1	RZASG100MY1	RZASG125MY1	RZASG140MY1
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
	Running Current	A	17.6	22.0	28.0	27.5	14.8	14.8	15.0
	Starting Current	A	-	-	-	-	-	-	-
	Max Fuse Size	A	20	25	32	32	16	16	16
Interconnection Wiring	Core / Cable Size		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)		
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	Refer to Installation Manual				Refer to Installation Manual		
	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	m^3/sec	0.933	1.150	1.183	1.266	1.150	1.183	1.266

Accessory Ref	Description
BRC1E53A	Premium wired remote controller (Included as standard)
BRP069A81	Wifi adaptor for connection to on-line controller
K.CGL	Condensing unit guard size 100-140 including RXYSQ
K.CGM	Condensing unit guard size 42-71
K.CWB140-2	Condensing unit bracket - size 100 to 140
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.DT2	Condensate drip tray for use with K.CWB140-2

Accessory Ref	Description
KLIC-DI	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
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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