



FCAHG-G / RZAG-M

R-32 BLUEEVOLUTION

Indoor Units			Single Phase				3 Phase			
			FCAHG71G	FCAHG100G	FCAHG125G	FCAHG140G	FCAHG71G	FCAHG100G	FCAHG125G	FCAHG140G
Capacity	UK Total Cooling	kW	7.76	10.80	13.60	14.90	7.76	10.80	13.60	14.90
	UK Sensible Cooling	kW	5.32	7.44	9.30	10.25	5.32	7.44	9.30	10.25
	Nominal Cooling	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	Nominal Heating	kW	7.5	10.8	13.5	15.5	7.5	10.8	13.5	15.5
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	-	-	A++	A++	-	-
	Pdesign	kW	6.8	9.5	12.1	13.4	6.8	9.5	12.1	13.4
	SEER		7.72	7.35	8.02	7.93	7.72	7.35	8.02	7.93
	Annual Energy Consumption	kWh	308	452	905	1014	308	452	905	1014
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	-	-	A++	A++	-	-
	Pdesign	kW	4.70	9.52	9.52	9.52	4.70	9.52	9.52	9.52
	SCOP		4.61	4.81	4.53	4.44	4.61	4.81	4.53	4.44
	Annual Energy Consumption	kWh	1427	2771	2942	3002	1427	2771	2942	3002
Nominal Efficiency	EER/COP		4.39/4.70	5.06/5.04	4.30/4.47	3.89/4.26	4.39/4.70	5.06/5.04	4.30/4.47	3.89/4.26
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.353/0.278/ 0.203	0.538/0.428/ 0.316	0.558/0.445/ 0.166	0.558/0.455/ 0.351	0.353/0.278/ 0.203	0.538/0.428/ 0.316	0.558/0.445/ 0.166	0.558/0.455/ 0.351
Dimensions (with Decoration Panel)	Height	mm	288 (348)	288 (348)	288 (348)	288 (348)	288 (348)	288 (348)	288 (348)	288 (348)
	Width	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
	Depth	mm	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)	840 (950)
Weight (with Decoration Panel)		kg	25 (30.4)	26 (31.4)	26 (31.4)	26 (31.4)	25 (30.4)	26 (31.4)	26 (31.4)	26 (31.4)
Sound Pressure (Cooling)	High / Nom / Low	dBA	36/33/29	44/39/33	45/40/35	45/41/37	36/33/29	44/39/33	45/40/35	45/41/37
Sound Pressure (Heating)	High / Nom / Low	dBA	36/33/29	44/39/33	45/40/35	45/41/37	36/33/29	44/39/33	45/40/35	45/41/37
Sound Power (Cooling)		dBA	53	61	61	61	53	61	61	61
Outdoor Units			RZAG71MV1	RZAG100MV1	RZAG125MV1	RZAG140MV1	RZAG71MY1	RZAG100MY1	RZAG125MY1	RZAG140MY1
Dimensions	Height x Width x Depth	mm	990 x 940 x 320	1430 x 940 x 320	1430 x 940 x 320	1430 x 940 x 320	990 x 940 x 320	1430 x 940 x 320	1430 x 940 x 320	1430 x 940 x 320
Weight		kg	70	92	92	92	70	92	92	92
Electrical Details	Power Supply		1ph	1ph	1ph	1ph	3ph	3ph	3ph	3ph
	Running Current	A	17.5	27.4	27.5	27.5	10.9	15.4	15.0	15.0
	Starting Current	A	-	-	-	-	-	-	-	-
	Max Fuse Size	A	20	32	32	32	16	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	55	85	85	85	55	85	85	85
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	40	40	40	40	40	40	40	40
	Additional charge	g/m	Refer to Installation Manual				Refer to Installation Manual			
	Holding charge	kg	2.95	3.75	3.75	3.75	2.95	3.75	3.75	3.75
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	46/42	47/44	50/44	51/44	46/42	47/44	50/44	51/44
Sound Pressure (Heating)	Nom / Night Quiet	dBA	49/42	51/44	52/44	52/44	49/42	51/44	52/44	52/44
Sound Power (Cooling)		dBA	64	66	69	70	65	66	69	70
Operating Range (Cooling)	Min / Max	°CDB	-20/52	-20/52	-20/52	-20/52	-20/52	-20/52	-20/52	-20/52
Operating Range (Heating)	Min / Max	°CWB	-20/18	-20/18	-20/18	-20/18	-20/18	-20/18	-20/18	-20/18
Air Flow Rate (Cooling)	Nominal	m³/sec	0.983	1.166	1.383	1.383	0.983	1.166	1.383	1.383
ECA Eligible			●	●	●	●	●	●	●	●

Accessory Ref	Description
BRC1E53A	Premium wired remote controller (Included as standard)
BYCQ140D	Decoration panel (Included as standard)
BRP069A81	Wifi adaptor for connection to on-line controller
BRC7FA532F	Wireless remote controller
BRYQ140A	Integral PIR sensor for roundflow decoration panel. Enables energy saving functions
BYCQ140DG9	Roundflow cassette decoration panel with self cleaning filter
BYCQ140DGF9	New Roundflow cassette decoration panel with fine self cleaning filter
BYCQ140DW	Roundflow cassette decoration panel - white with white louvers
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

Accessory Ref	Description
K.DT2	Condensate drip tray for use with K.CWB140-2
K.RSS	Wireless room mounted temperature sensor and receiver
KDBHQ55B140	Sealing member for air discharge outlet
KDDP55C160-1	Fresh air intake kit for up to 20% fresh air (Part 1)
KDDQ55B140-2	Fresh air intake kit for up to 20% fresh air (Part 2)
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

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FSC

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R-410A

FTXS-K/G / RXS-L/F

Wall Mounted – Standard Inverter

FTXS-K series

FTXS-G series

Indoor Units			FTXS20K	FTXS25K	FTXS35K	FTXS42K	FTXS50K	FTXS60G	FTXS71G
Capacity	UK Total Cooling	kW	1.95	2.44	3.42	4.11	4.56	5.86	6.94
	UK Sensible Cooling	kW	1.65	1.82	2.56	2.85	3.14	3.87	4.65
	Nominal Cooling	kW	2.00	2.50	3.50	4.20	5.00	6.00	7.10
	Nominal Heating	kW	2.50	3.40	4.00	5.40	5.80	7.00	8.20
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++	A++	A	A
	Pdesign	kW	2.00	2.50	3.50	4.20	5.00	6.00	7.10
	SEER		7.40	7.90	7.47	6.80	6.80	5.58	5.23
	Annual Energy Consumption	kWh	95	111	164	216	257	376	475
Seasonal Efficiency (EN14825) HEATING	Energy Label		A++	A++	A++	A+	A+	A	A
	Pdesign	kW	2.30	2.50	3.50	4.00	4.60	4.80	6.50
	SCOP		4.77	4.78	4.85	4.20	4.20	3.89	3.50
	Annual Energy Consumption	kWh	675	732	1039	1334	1535	1728	2593
Nominal Efficiency	EER / COP		4.65 / 4.72	4.21 / 4.67	3.89 / 4.76	3.35 / 4.12	3.32 / 4	3.02 / 3.43	3.02 / 3.22
	Energy Label		A / A	A / A	A / A	A / A	A / A	B / B	B / C
	Annual Energy Consumption	kWh	228	297	450	627	753	995	1175
Air Flow Rate (Cooling)	High / Low / Silent	m³/sec	0.147 / 0.078 / 0.065	0.152 / 0.083 / 0.065	0.187 / 0.097 / 0.068	0.187 / 0.117 / 0.068	0.198 / 0.123 / 0.075	0.267 / 0.188 / 0.168	0.287 / 0.192 / 0.175
Dimensions	Height	mm	289	289	298	298	298	290	290
	Width	mm	780	780	900	900	900	1050	1050
	Depth	mm	215	215	215	215	215	250	250
Weight		kg	8	8	11	11	11	12	12
Sound Pressure (Cooling)	High / Nom / Low / Silent	dBA	40 / 32 / 24 / 19	41 / 33 / 25 / 19	45 / 37 / 29 / 19	45 / 39 / 33 / 21	46 / 40 / 34 / 23	45 / 41 / 36 / 33	46 / 42 / 37 / 34
Sound Power		dBA	58	58	59	59	60	60	63
Outdoor Units			RXS20L3	RXS25L3	RXS35L3	RXS42L	RXS50L	RXS60L	RXS71F8
Dimensions	Height x Width x Depth	mm	550 x 765 x 285			550 x 765 x 285		735 x 825 x 300	
Weight		kg	34	34	34	39	47	48	71
Electrical Details	Power Supply			1ph			1ph		
	Running Current	A	2.30	3.10	4.10	5.70	6.30	8.80	10.49
	Starting Current	A	2.4	3.3	4.3	6.6	6.8	9.4	11.7
	Max Fuse Size	A	10	10	10	20	20	20	20
Interconnection Wiring	Core / Cable size		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) / 5/8 (15.9)	
Pipework	Maximum Length	m	20	20	20	20	30	30	30
	Maximum Vertical Rise	m	15	15	15	15	20	20	20
	Precharged to	m	10	10	10	10	10	10	10
	Additional Charge	g/m		20			20		
	Holding Charge	kg	1.0	1.0	1.2	1.3	1.7	1.5	2.3
	Sound Pressure (Cooling)	dBA	46 / 43	46 / 43	48 / 44	48 / 44	48 / 44	49 / 46	52 / 49
Sound Power		dBA	59	59	61	61	62	62	65
Air Flow Rate (Cooling)	High	m³/sec	0.558	0.558	0.600	0.621	0.848	0.835	0.910
ECA Eligible			•	•	•	•	•		
Trade Fan Coil Price			£160.00	£172.00	£197.00	£221.00	£306.00	£312.00	£416.00
Trade Condensing Unit Price			£454.00	£496.00	£575.00	£648.00	£722.00	£770.00	£1,054.00
Total System Price			£614.00	£668.00	£772.00	£869.00	£1,028.00	£1,082.00	£1,470.00

Accessories:

Accessory Ref	Description	Trade Price
KRP980A1	S21 adaptor for FTXS20K & 25K for ALL control options	£52.00
BRC073	Optional Wired Remote controller: BRC1E53 style	£83.00
BRP069A42	Wifi adaptor for connection to on-line controller	£52.00
BRCW901A03	3m connection cable for BRC073	£17.00
BRCW901A08	8m connection cable for BRC073	£22.00
KRP928A25	Adaptor PCB for Interface to Daikin centralised control systems	£137.00
KLIC-DD	KNX interface for Split type systems	£171.00
RTD-RA	Adaptor PCB for Modbus connection and/or extended system functions	£157.00
K.CWB90-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU	£37.00
K.DT1	Condensate drip tray for use with Split ODU - tray width 800mm	£56.00
K.DT2	Condensate drip tray for use with Sky Air ODU - tray width 1100mm	£61.00
K.CGS	Condensing Unit Guard size 20-35	£223.00
K.CGM	Condensing Unit Guard size 42-71	£308.00

Notes:

- All fan coil units standard with auto restart after power failure
- All fan coils supplied as standard with infrared remote controller
- Wired controller, KLIC-DI and RTD-RA options cannot be combined
- Control option is either hard-wired remote, or Wi-Fi adaptor
- FTXS-K and FTXS-G have different style casing
- Minimum ambient operating temperatures:

	Cooling	Heating
RXS	-10°C	-15°C

Features:

- > Wireless remote controller with weekly timer: provides a 7-day schedule timer, enabling daily or weekly programming.
 - Up to 4 actions per day possible
- > Night set mode: prevents sudden changes in room temperature by gently adjusting the temperature before the system stops
- > Titanium apatite photocatalytic air purifying filter: superior purification and deodorisation of the air inside the room
- > 2-area intelligent eye: (35~50 K class) air flow is sent to a zone other than where the occupants are located at that moment
- > Presence Sensor switches to energy saving mode if room is unoccupied after 20 mins
- > Powerful operation: activates the maximum air volume for 20 minutes before returning to its original setting
- > Fan speed: 5 fan speeds can be selected, high to super low
- > Suitable for multi model applications
- > Re-use of existing R22 and R407C piping possible

