

Floor Standing – Seasonal Smart



Indoor Units			Single Phase				3 Phase			
			FVQ71C	FVQ100C	FVQ125C	FVQ140C	FVQ71C	FVQ100C	FVQ125C	FVQ140C
Capacity	UK Total Cooling	kW	7.76	10.80	13.60	14.90	10.80	14.90	14.90	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	6.80	9.50	12.00	13.40	6.80	9.50	12.00	13.40
	Nominal Heating	kW	7.50	10.80	13.50	15.50	7.50	10.80	13.50	15.50
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A+	A+	-	A++	A+	A+	-
	Pdesign	kW	6.80	9.50	12.00	-	6.80	9.50	12.00	-
	SEER		6.31	5.61	5.61	-	6.31	5.61	5.61	-
	Annual Energy Consumption	kWh	378	593	749	-	378	593	749	-
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A	-	A+	A+	A	-
	Pdesign	kW	6.33	11.30	11.30	-	6.33	11.30	11.30	-
	SCOP		4.05	4.20	3.87	-	4.05	4.20	3.87	-
	Annual Energy Consumption	kWh	2189	3767	4088	-	2189	3767	4088	-
Nominal Efficiency	EER / COP		3.37 / 3.64	3.81 / 4.14	3.21 / 3.7	3.21 / 3.61	3.37 / 3.64	3.81 / 4.14	3.21 / 3.7	3.21 / 3.61
	Energy Label		A / A	A / A	A / A	A / A	A / A	A / A	A / A	A / A
	Annual Energy Consumption	kWh	1010	1245	1870	2085	1010	1245	1870	2085
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.300 / 0.267 / 0.233	0.467 / 0.417 / 0.367	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433	0.300 / 0.267 / 0.233	0.467 / 0.417 / 0.367	0.467 / 0.433 / 0.400	0.500 / 0.467 / 0.433
Dimensions	Height	mm	1850	1850	1850	1850	1850	1850	1850	1850
	Width	mm	600	600	600	600	600	600	600	600
	Depth	mm	270	350	350	350	270	350	350	350
Weight		kg	39	47	47	47	39	47	47	47
Sound Pressure (Cooling)	High / Nom / Low	dBA	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48	43 / 41 / 38	50 / 47 / 44	51 / 48 / 46	53 / 51 / 48
Sound Power		dBA	55	62	63	65	55	62	63	65

Outdoor Units			RZQG71L9V1	RZQG100L9V1	RZQG125L9V1	RZQG140L9V1	RZQG71L8Y1	RZQG100L8Y1	RZQG125L8Y1	RZQG140LY1
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	69	95	95	95	80	101	101	101
Electrical Details	Power Supply		1ph				3ph			
	Running Current	A	8.26	10.18	15.29	17.04	3.11	3.83	5.75	6.41
	Starting Current	A	4	4	4	4	4	4	4	4
	Max Fuse Size	A	20	32	32	32	16	20	20	20
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	75	75	75	50	75	75	75
	Maximum Vertical Rise	m	30	30	30	30	30	30	30	30
	Precharged to	m	30	30	30	30	30	30	30	30
	Additional Charge	g/m	Refer to Installation Manual				Refer to Installation Manual			
Weight	kg	2.9	4.0	4.0	4.0	2.9	4.0	4.0	4.0	
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	48 / 43	50 / 45	51 / 45	52 / 45	48 / 43	50 / 45	51 / 45	52 / 45
Sound Power		dBA	64	66	67	69	64	66	67	69
Air Flow Rate (Cooling)	Nominal	m³/sec	0.983	1.166	1.166	1.400	0.983	1.166	1.166	1.400

ECA Eligible		•					•			
Trade Fan Coil Price		£1,039.00	£1,142.00	£1,260.00	£1,355.00	£1,039.00	£1,142.00	£1,260.00	£1,355.00	
Trade Condensing Unit Price		£1,239.00	£1,575.00	£1,733.00	£1,978.00	£1,277.00	£1,648.00	£1,813.00	£2,083.00	
Total System Price		£2,278.00	£2,717.00	£2,993.00	£3,333.00	£2,316.00	£2,790.00	£3,073.00	£3,438.00	

Accessories:

Accessory Ref	Description	Trade Price
KRP4A53/UK.FB2	Unit/Group adaptor PCB for remote on/off, status indication and temperature setting	£96.00
RTD-NET/UK.FB2	Modbus Interface PCB for Sky Air and VRV	£198.00
RTD-10/UK.FB2	Enhanced function PCB for Sky Air and VRV. Duty rotation, Lead Lag control and heating interlock	£245.00
RTD-20/UK.FB2	Energy control PCB for Sky Air and VRV	£262.00
KLIC-DI	KNX Interface for Sky Air and VRV systems	£193.00
KCW890-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU	£37.00
KCW8140-2	Condensing unit bracket - sizes 100 to 140, max weight 140kg of ODU	£47.00
K.DT2	Condensate drip tray for use with Sky Air ODU - tray width 1100mm	£61.00
K.CGM	Condensing Unit Guard size 42-71	£308.00
K.CGL	Condensing Unit Guard size 100-140 including RXYSQ	£369.00

Features:

- > Seasonally Efficient Inverter Technology gives up to 25% better efficiency than Inverter Technology
- > Vertical air flow pattern can be adjusted manually to match requirements in different sized interiors or irregularly shaped rooms
- > A wired BRC1E53A remote controller is mounted on the front of the unit (standard)
- > Controllable horizontal air-blow patterns, via remote control
- > Very efficient for use in rooms with high ceilings
- > Fan speed: 2 fan speeds can be selected, high or low
- > Re-use of existing R22 and R407C piping possible
- > Comms, computer and server room cooling possible with EDP setting (Seasonal Smart)
- > Selectable evaporating & condensing temperature for greater operating efficiency (Seasonal Smart)
- > DIII net compatibility as standard

Notes:

- All fan coils supplied as standard with BRC1E53A wired remote controller with 7-day time clock
- All fan coil units standard with an auto restart after power failure
- Minimum ambient operating temperatures:

	Cooling	Heating
RZQG	-15°C	-20°C
RZQSG	-15°C	-15°C

