R-410A Seasonal Smart

FAQ-C9 / RZQG-L

Wall Mounted – Seasonal Smart

Replacement Technology

Indoor Units			Single Phase		3 Phase	
			FAQ71C9	FAQ100C9	FAQ71C9	FAQ100C9
Capacity	UK Total Cooling	kW	7.76	10.80	7.76	10.80
	UK Sensible Cooling	kW	5.32	7.44	5.32	7.44
	Nominal Cooling	kW	6.80	9.50	6.80	9.50
	Nominal Heating	kW	7.50	10.80	7.50	10.80
Seasonal Efficiency (EN14825) COOLING	Energy Label		A++	A++	A++	A++
	Pdesign	kW	6.80	9.50	6.80	9.50
	SEER		6.43	6.11	6.43	6.11
	Annual Energy Consumption	kWh	371	545	371	545
Seasonal Efficiency (EN14825) HEATING	Energy Label		A+	A+	A+	A+
	Pdesign	kW	6.33	10.20	6.33	10.20
	SCOP		4.02	4.01	4.02	4.01
	Annual Energy Consumption	kWh	2205	3562	2205	3562
Nominal Efficiency	EER / COP		3.4 / 3.7	3.62 / 3.61	3.4 / 3.7	3.62 / 3.61
	Energy Label		A / A	A / A	A / A	A / A
	Annual Energy Consumption	kWh	1000	1315	1000	1315
Air Flow Rate (Cooling)	High / Nom / Low	m³/sec	0.300 / 0.267 / 0.233	0.433 / 0.383 / 0.317	0.300 / 0.267 / 0.233	0.433 / 0.383 / 0.317
Dimensions	Height	mm	290	340	290	340
	Width	mm	1050	1200	1050	1200
	Depth	mm	238	240	238	240
Weight		kg	13	17	13	17
Sound Pressure (Cooling)	High / Nom / Low	dBA	45 / 42 / 40	49 / 45 / 41	45 / 42 / 40	49 / 45 / 41
Sound Power		dBA	61	65	61	65

Outdoor Units			RZQG71L9V1	RZQG100L9V1	RZQG71L8Y1	RZQG100L8Y1
Dimensions	Height x Width x Depth	mm	990 x 940 x 320	1430 x 940 x 320	990 x 940 x 320	1430 x 940 x 320
Weight		kg	69	95	80	101
Electrical Details	Power Supply		1ph		3ph	
	Running Current	A	8.17	10.75	3.07	4.04
	Starting Current	A	4	4	4	4
	Max Fuse Size	A	20	32	16	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	50	75
	Maximum Vertical Rise	m	30	30	30	30
	Precharged to	m	30	30	30	30
	Additional Charge	g/m	Refer to Installation Manual		Refer to Installation Manual	
	Holding Charge	kg	2.9	4.0	2.9	4.0
Sound Pressure (Cooling)	Nom / Night Quiet	dBA	48 / 43	50 / 45	48 / 43	50 / 45
Sound Power		dBA	64	66	64	66
Air Flow Rate (Cooling)	Nominal	m³/sec	0.983	1.166	0.983	1.116
ECA Eligible			•	•	•	•
Trade Fan Coil Price			**£779.00**	**£841.00**	**£779.00**	**£841.00**
Trade Condensing Unit Price			**£1,239.00**	**£1,575.00**	**£1,277.00**	**£1,648.00**
Total System Price			**£2,018.00**	**£2,416.00**	**£2,056.00**	**£2,489.00**

For Comms Rooms & Duty Rotation see page 48 - 49

Accessories:

Accessory Ref	Description	Trade Price
BRC7EB518	Wireless remote controller	£158.00
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
KRCS01-4	Remote room mounted temperature sensor	£42.00
K.RSS	Wireless room mounted temperature sensor and receiver	£93.00
RS-SE	Service and Configuration Tool for K.RSS	£97.00
K.CWB90-2	Condensing unit bracket - up to size 71, max weight 90kg of ODU	£37.00
K.CWB140-2	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

Notes:

i) All fan coils supplied as standard with BRC1E53A wired remote controller with 7-day time clock

ii) BRC7EB518 Trade price will be reduced by £79.00 if ordered instead of the BRC1E53A

iii) All fan coil units standard with auto restart after power failure

iv) Minimum ambient operating temperatures:

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

Features:

> Fan speed: 3 fan speeds available on all capacities
> Automatic airflow volume control sets fan speed based on difference between set and room temperatures
> Dry programme: Daikin's special dry programme reduces humidity in the rooms without variations in internal temperature
> Comms, computer and server room cooling possible with EDP setting (Seasonal Smart)
> Selectable evaporating & condensing temperature for greater operating efficiency and application flexibility (Seasonal Smart)
> DII net compatibility as standard
> Seasonally Efficient Inverter Technology gives up to 25% better efficiency than inverter technology
> Re-use of existing R22 and R407C piping possible. (See R22 Replacement leaflet)
> Suitable for Twin, Triple and Double Twin applications

Seasonal Smart