

FVQ SERIES

COOLING ONLY & HEAT PUMP



COMFORT THROUGH NEW AIRFLOW CONTROL

R-410A



FVQ100 ~ 140 (COOLING ONLY)	10KW ~ 13.5 KW	COOLING
FVQ100 ~ 140 (HEAT PUMP)	10KW ~ 13.5 KW	COOLING
	11.2 KW ~ 16.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

NAVIGATION REMOTE CONTROLLER

Option

BRC1E62 (WIRED REMOTE CONTROLLER)

Note: Remote controller cable not included. Cables must be procured locally.



FLOOR STANDING TYPE (Heat Pump)



Model Name			Indoor unit	FVQ125CVEB	FVQ140CVEB	FVQ100CVEB	FVQ125CVEB	FVQ140CVEB
			Outdoor unit	RZQ125KCV4A	RZQ140KCV4A	RZQ100HAY4A	RZQ125HAY4A	RZQ140HAY4A
Power supply				1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz	3 Phase, 415 V, 50 Hz	3 Phase, 415 V, 50 Hz	3 Phase, 415 V, 50 Hz
Cooling capacity -Rated (min ~max)			kW	12.5(5.7-14.0)	13.5 (6.2-15.4)	10.0 (5.0-11.2)	12.5(5.7-14.0)	13.5 (6.2-15.4)
Heating capacity -Rated (min ~max)			kW	14.0 (6.0-16.2)	16.0 (6.2-18.0)	11.2 (5.1-12.8)	14.0 (6.0-16.2)	16.0 (6.2-18.0)
Power consumption	Cooling-Rated		kW	4.390	5.400	3.280	4.390	5.400
Power consumption	Heating-Rated		kW	4.260	5.280	3.670	4.260	5.280
Annual Power Consumption			kWh	NA	NA	NA	NA	NA
ISEER / Stars			Wh/Wh	NA	NA	NA	NA	NA
Indoor unit	Colour			Fresh White	Fresh White	Fresh White	Fresh White	Fresh White
	Airflow rate (H/M/L)		m3/min	28/26/24	30/28/26	28/25/22	28/26/24	30/28/26
			cfm	988/918/847	1059/988/918	988/883/777	988/918/847	1059/988/918
	Sound level (H/M/L)		dB(A)	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
	Dimensions (HXWXD)	Unit	mm	1850x600x350	1850x600x350	1850x600x350	1850x600x350	1850x600x350
		Panel	mm	NA	NA	NA	NA	NA
	Machine weight	Unit	kg	47	47	47	47	47
		Panel	kg	NA	NA	NA	NA	NA
Certified operation range		Heating	°CWB	15 to 27	15 to 27	15 to 27	15 to 27	15 to 27
Outdoor unit	Colour			Ivory White	Ivory White	Ivory White	Ivory White	Ivory White
	Compressor	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
		Motor output	kW	2.4	3.1	1.7	2.2	2.9
	Refrigerant charge (R-410A)		kg	3.7(Charged For 30m)	3.7(Charged For 30m)	4.3(Charged For 30m)	4.3(Charged For 30m)	4.3(Charged For 30m)
	Sound level	Cooling/Heating	dB(A)	50/52	50/52	49/51	50/52	50/52
	Dimensions (HXWXD)		mm	1170x900x320	1170x900x320	1345x900x320	1345x900x320	1345x900x320
	Machine weight		kg	98	98	108	108	108
	Certified operation range	Cooling	°CDB	-5 to 46	-5 to 46	-5 to 46	-5 to 46	-5 to 46
	Certified operation range	Heating	°CWB	-15 to 15.5	-15 to 15.5	-15 to 15.5	-15 to 15.5	-15 to 15.5
Piping connections	Liquid (Flare)		mm	Ø9.5	Ø9.5	Ø9.5	Ø9.5	Ø9.5
	Gas (Flare)		mm	Ø15.9	Ø15.9	Ø15.9	Ø15.9	Ø15.9
	Drain		mm	VP20(I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)	VP20 (I.D Ø20, O.D Ø26)	VP20(I.D Ø20, O.D Ø26)
Max. interunit piping length			m	75 (Equivalent length 90m)	75 (Equivalent length 90m)	75 (Equivalent length 90m)	75 (Equivalent length 90m)	75 (Equivalent length 90m)
Max. installation level difference			m	30	30	30	30	30

Note: 1 Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CWB. Equiv. refrigeration piping: 7.5 m (horizontal).
2 Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB, outdoor temp. 7°CDB, 6°CWB. Equiv. refrigeration piping: 7.5 m (horizontal).
3 Anaechoic chamber conversion value, measured according to JIS parameters and criteria. During operation these values are somewhat higher owing to ambient conditions.

FLOOR STANDING TYPE



Name of option	Remark	Kit name		
		FVQ100CVEB	FVQ125CVEB	FVQ140CVEB
Replacement long-life filter		KAFJ95L160		
Navigation Remote Controller	Wired type ¹	BRC1E62		
Central remote controller ²		DCS302CA61		
Unified ON/OFF controller ²		DCS301BA61		
Schedule timer ²		DST301BA61		
Intelligent Touch Controller ²		DCS601C51		
Adaptor for wiring ³		KRP1BA57		
Wiring adaptor for electrical appendices		KRP4AA52		
Installation box for adaptor PCB		KRP4AA95		

Note:
¹Wiring for wired remote controller to be procured locally.
²This type of indoor units is equipped with the interface adopter for SkyAir Series. DTA112BA51 is unnecessary 3Installation box for adapter PCB (KRP4AA95) is necessary.