FVQ SERIES

COOLING ONLY & HEAT PUMP

INVERTER

COMFORT THROUGH NEW AIRFLOW CONTROL

R-410A

| NEW COMFORTABLE AIRFLOW CONTROL | LIGHTWEIGHT INDOOR UNIT | EMPLOYS A SAFETY LOCK FUNCTION OF SUCTION GRILLE | SWITCHABLE FAN SPEED | PROGRAMME 'DRY' | QUIET OPERATION |
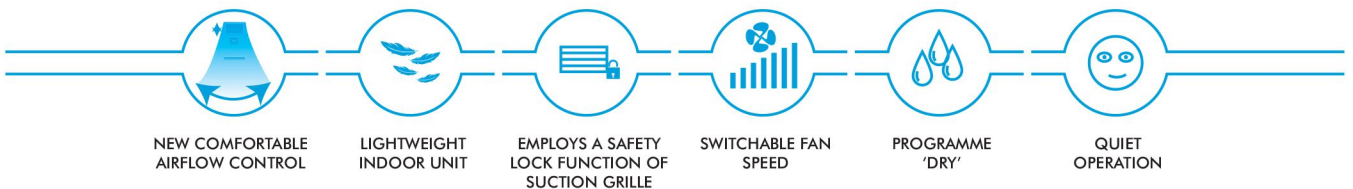
FVQ100 ~ 140 (COOLING ONLY)	10KW ~ 13.5 KW	COOLING
FVQ100 ~ 140 (HEAT PUMP)	10KW ~ 13.5 KW	COOLING
	11.2 KW ~ 16.0 KW	HEATING

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 (Cooling Only)

INVERTER **R-410A**

Model Name	Indoor unit			FVQ125CVEB	FVQ140CVEB	FVQ100CVEB	FVQ125CVEB	FVQ140CVEB
	Outdoor unit			RZR125LVVM6	RZR140LVVM6	RZR100LUY1	RZR125LUY1	RZR140LUY1
Power supply				1 Phase, 220-240 V, 50 Hz	1 Phase, 220-240 V, 50 Hz	3 Phase, 380-415 V, 50 Hz	3 Phase, 380-415 V, 50 Hz	3 Phase, 380-415 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)
Power consumption	Cooling-Rated		kW	4.390	5.400	3.280	4.390	5.400
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		°CWB	14 to 25	14 to 25	14 to 25	14 to 25	14 to 25
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	2.8	3.4	2.3	2.8	3.4
	Refrigerant charge (R-32)		kg	3.7(Charged For 30m)	3.7(Charged For 30m)	2.7(Charged For 30m)	3.7(Charged For 30m)	3.7(Charged For 30m)
	Sound level	Cooling	dB(A)	50	50	49	50	50
	Dimensions (HXWXD)		mm	1170x900x320	1170x900x320	1170x900x320	1170x900x320	1170x900x320
	Machine weight		kg	97	97	92	97	97
	Certified operation range		°CDB	21 to 46	21 to 46	21 to 46	21 to 46	21 to 46
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	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)	50 (Equivalent length 70)
Max. installation level difference			m	30	30	30	30	30

Note: ¹ Rated cooling capacities are based on the following conditions: Suction temp., 27°CDB, 19.0°CWB; outdoor temp. 35°CDB, 24°CDB. Equiv. refrigeration piping: 7.5 m (horizontal).
² 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 (Heat Pump)

INVERTER **R-410A**

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-32)		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 lter		KAFJ95L160		
Navigation Remote Controller	Wired type[1]	BRC1E62		
Central remote controller[2]		DCS302CA61		
Uni ed 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:
[1]Wiring for wired remote controller to be procured locally.
[2]This type of indoor units is equipped with the interface adopter for SkyAir Series. DTA112BA51 is unnecessary 3Installation box for adapter PCB (KRP4AA95) is necessary.