

## FLOOR STANDING TYPE (Cooling Only)



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)		m <sup>3</sup> /min 28/26/24	30/28/26	28/25/22	28/26/24	30/28/26	
	Airflow rate (H/M/L)		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: <sup>1</sup> 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).

<sup>2</sup> 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)


**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 filter			KAFJ95L160	
Navigation Remote Controller	Wired type <sup>1</sup>		BRC1E62	
Central remote controller <sup>2</sup>			DCS302CA61	
Unified ON/OFF controller <sup>2</sup>			DCS301BA61	
Schedule timer <sup>2</sup>			DST301BA61	
Intelligent Touch Controller <sup>2</sup>			DCS601C51	
Adaptor for wiring <sup>3</sup>			KRP1BA57	
Wiring adaptor for electrical appendices			KRP4AA52	
Installation box for adaptor PCB			KRP4AA95	

Note:

<sup>1</sup>Wiring for wired remote controller to be procured locally.

<sup>2</sup>This type of indoor units is equipped with the interface adaptor for SkyAir Series. DTA112BA51 is unnecessary <sup>3</sup>Installation box for adapter PCB (KRP4AA95) is necessary.