

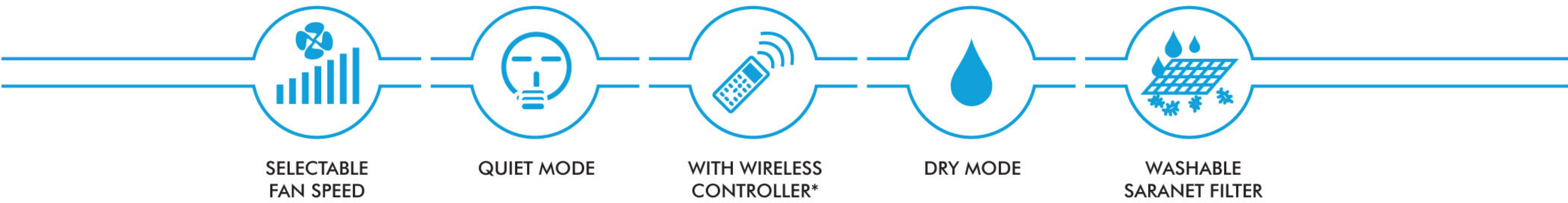
FVRN & FVQN SERIES

COOLING ONLY & HEAT PUMP



R-410A

AN IDEAL WAY OF SAVING SPACE WITH STYLE AND FUNCTIONALLY, WITH ITS EASE OF INSTALLATION. IT IS SUITED TO BE INSTALLED IN OFFICES, COMMERCIAL SHOPS, RESTAURANTS AND SHOWROOMS.



FVRN71 ~ 140 (COOLING ONLY)	8.3KW ~ 16.1 KW	COOLING
FVQN100 ~ 140 (HEAT PUMP)	11.7KW ~ 16.1 KW	COOLING
	11.7KW ~ 16.0 KW	HEATING

ACCESSORY REQUIRED FOR INDOOR UNIT

WIRELESS HANDSETS

Standard

BRC52A62
(Cooling Only)

BRC52A61
(Heat Pump)

BRC51A62
(Cooling Only)

BRC51A61
(Heat Pump)

WIRED HANDSET

Option

BRC51A62
(Cooling Only)

BRC51A61
(Heat Pump)

SPECIFICATIONS

FLOOR STANDING (Cooling Only)

R-410A

Model				INDOOR	FVRN71AXV16	FVRN100AXV16	FVRN125AXV16	FVRN140AXV16
				OUTDOOR	RR71CGXY1A6	RR100DGXY16	RR125DGXY16	RR140DGXY16
Nominal Cooling Capacity				Tonnage	2.4	3.3	3.8	4.6
				Btu/hr	28500	40000	45000	55000
				kw	8.35	11.72	13.19	16.12
Nominal Total Input Power (Cooling)				w	2750	4050	4750	5490
Nominal Running Current (Cooling)				A	13	7.07	8.29	9.35
Power Source				V/Ph/Hz	380-415 / 3 / 50			
Refrigerant Control (Expansion Device)				OUTDOOR CAPILLARY TUBE				
Refrigerant Type				R410A				
Indoor	Air Flow	High	CFM	1035	1035	1035	1170	
		Medium		945	945	935	1085	
		Low		845	845	835	985	
		Quiet		-	-	-	-	
	Sound Pressure Level	High	dBA	49	49	50	54	
		Medium		47	47	48	53	
		Low		44	44	46	51	
		Quiet		-	-	-	-	
	Unit Dimension [Panel]	Height	mm	1850	1850	1850	1850	
		Width	mm	600	600	600	600	
		Depth	mm	350	350	350	350	
	Unit Weight [Panel]		kg	45	45	48	51	
Outdoor	Unit Dimension		mm	HEIGHT	753	852	852	852
			mm	WIDTH	855	1030	1030	1030
			mm	DEPTH	328	400	400	400
	Unit Weight		kg	56	95	98	105	
	Pipe Connection		Type	FLARE VALVE				
			Liquid	mm	9.52			
Gas			mm	15.88			19.05	
Max Piping Length				m	45			
Max Piping Elevation				m	25			

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.
All unit are being tested and comply to ISO 5151 (Non-ducted unit)

Solutions 360°

FLOOR STANDING (Heat Pump)

R-410A

Model Name		Indoor unit		100	125	140
				FVQN100AXV1	FVQN125AXV1	FVQN140AXV1
		Outdoor unit		RQ100DGXY1	RQ125DGXY1	RQ140DGXY1
Rated Cooling Capacity			Btu/h	40000	45000	55000
			kW	11.72	13.19	16.12
Rated EER			W/W		2.82	2.94
			Btu/h	42000	46000	54500
Rated Heating Capacity			kW	12.31	13.48	16
Rated COP			W/W	3.14	3.02	3.01
Indoor unit	Power Supply		V/Ph/Hz	220-240/1/50		
	Air Flow		cfm	1035/945/845		1170/1085/985
	Sound Pressure Level		dBA	49/47/44	50/48/46	54/53/51
	Height		mm	1850		
	Width		mm	600		
	Depth		mm	350		
	Net Weight		kg	45	48	51
	Outdoor unit	Power Supply		V/Ph/Hz	380-415/3/50	
Sound Pressure Level		dBA	58	60	65	
Height		mm		852		
Width		mm		1030		
Depth		mm		400		
Net Weight		kg	95	98	105	
Pipe Connection - Liquid		mm	9.52			
Pipe Connection - Gas		mm	15.88		19.05	
Max. Allowable Length			m	45	40	
Max. Allowable Elevation			m	25	20	

Note: Rated cooling capacities are based on the following conditions: Indoor temp., 27°CDB, 19°CWB; outdoor temp. 35°CDB.
Rated heating capacities are based on the following conditions: Indoor temp., 20°CDB; outdoor temp., 7°CDB, 6°CWB.
All unit are being tested and comply to ISO 5151 (Non-ducted unit)