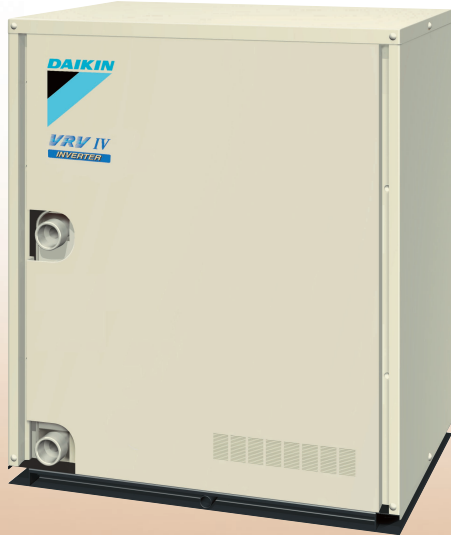


The DAIKIN logo features a blue diagonal slash followed by the word "DAIKIN" in a bold, blue, sans-serif font.The text "VRV WS SERIES" is displayed in a large, stylized font. "VRV" is in blue with horizontal lines through the letters, "WS" is in blue, and "SERIES" is in white with a blue outline.

(3 Class) RWXYQ3AV1
(4 Class) RWXYQ4AV1
(5 Class) RWXYQ5AV1
(6 Class) RWXYQ6AV1

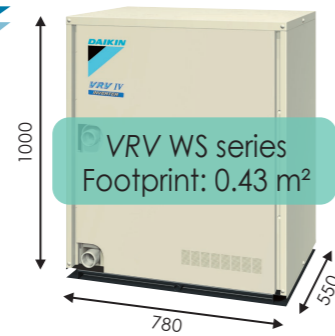
**R-410A****<50Hz, Heat Pump>**

Advantage

Installation & Servicing

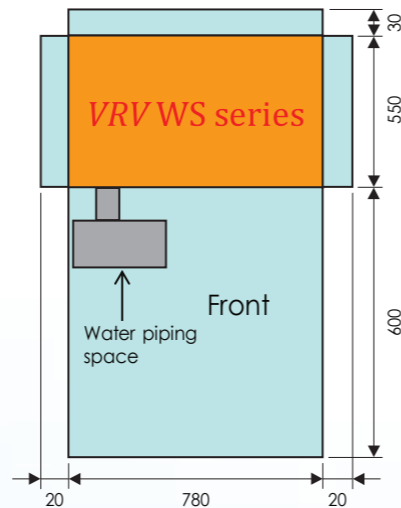
Compact Design

- Small footprint
- Minimal service & installation space required
- Stackable flat top design



Service Space (Single Installation)

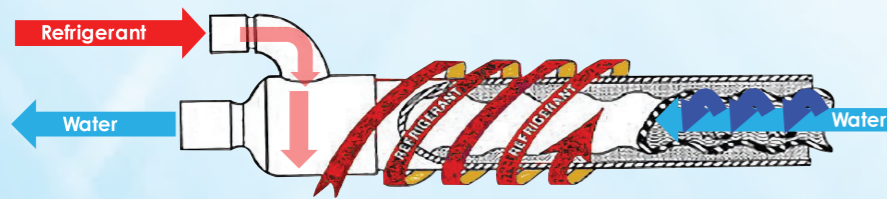
- Service access from the front with minimal space required at rear of the condenser (30mm)



Note: This is only applicable when drain pipe is connected to the front drain port. Please secure 500mm rear service space if drain pipe is connected to the rear drain port.

Tube-in-Tube Type Heat Exchanger

The Tube-in-Tube type heat exchanger with refrigerant lines spiraling around the water circuit in a counter flow design delivers superior heat exchange. While the inner groove structure of the water circuit lowers risk of blockage and delivers optimal performance.

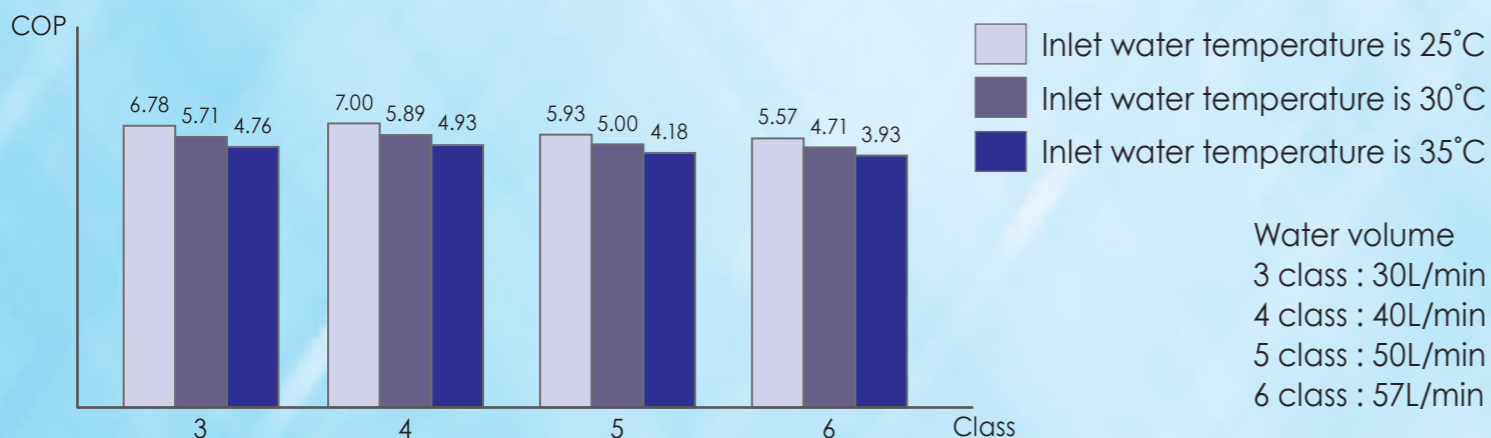


Tube in tube structure for simple installation and maintenance



Use of copper pipes enhances tolerance against corrosive effects of chloride ions

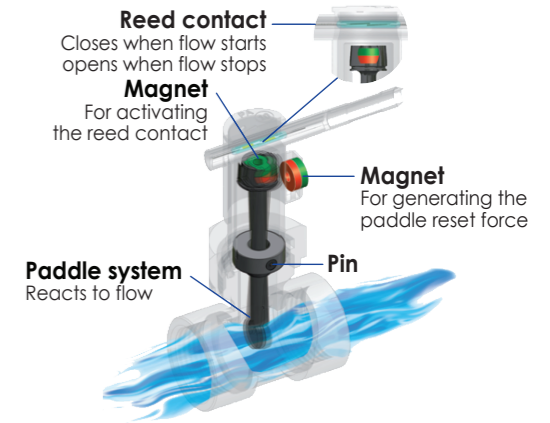
High Energy Efficiency (COP)



Water volume
 3 class : 30L/min
 4 class : 40L/min
 5 class : 50L/min
 6 class : 57L/min

Built in Water Flow Switch

Mechanical water flow switch built into the system to enhance system reliability.



Single Phase Electric Power Supply

Single phase power supply enables simplified installation in residential applications.

Refrigerant Cooled Inverter Module

- The heat produced by the inverter power module is transferred to the refrigerant circuit
- Minimal ventilation required for condenser cupboard
- Enhanced PCB reliability

Specification

MODEL		RWXYQ3AV1	RWXYQ4AV1	RWXYQ5AV1	RWXYQ6AV1	
Power supply		1 Phase, 220-240V, 50Hz				
Cooling capacity *1	Btu/h	27,300	38,200	47,800	54,600	
	kW	8.0	11.2	14.0	16.0	
Heating capacity *2	Btu/h	30,700	42,700	54,600	61,400	
	kW	9.0	12.5	16.0	18.0	
Power consumption	Cooling	kW	1.4	1.9	2.8	3.4
	Heating	kW	1.6	2.0	2.6	2.8
Casing colour		Ivory white (5Y7.5/1)				
Dimensions (HxWxD)		mm 1,000×780×550				
Heat exchanger		Tube-in-Tube type				
Compressor	Type	Hermetically sealed scroll type				
	Motor output	kW	1.92			
Refrigerant piping connections	Liquid	mm	φ9.5 C1220T (Flare connection)			
	Suction gas	mm	φ15.9 C1220T (Flare connection)			
Water piping connections	Water inlet		PT1B external thread		PT1 1/4B external thread	
	Water outlet		PT1B external thread		PT1 1/4B external thread	
	Drain outlet		PS1/2B internal thread			
Machine weight	kg	90	94	99		
Sound level	dB(A)	48	50			
Operation range (Inlet water temp.)	Cooling	°C	10 to 45 (Range for continuous operation)			
	Heating	°C	15 to 45 (Range for continuous operation)			
Capacity control	%	20-100				
Refrigerant	Type	R-410A				
	Charge	kg	2.2	2.4	2.7	
Range of water flow rate (single module)	L/min	15 to 45	20 to 60	25 to 75	28.5 to 85.5	

Notes:
 *1. Indoor temp.: 27°CDB, 19°CWB / Inlet water temp.: 30°C / Equivalent piping length: 7.5 m, level difference: 0 m.
 *2. Indoor temp.: 20°CDB / Inlet water temp.: 20°C / Equivalent piping length: 7.5 m, level difference: 0 m.
 *3. Hold ambient temperature at 0-40°C and humidity at 80% RH or less.
 Heat rejection from the casing: 0.21 kW/3 class, 0.28 kW/4 class, 0.31 kW/5 class, 0.35 kW/6 class
 *4. This unit cannot be installed in the outdoors. Install indoors (Machine room, etc.).

Indoor unit lineup

Enhanced range of choices

VRV indoor units

 New lineup

Type	Model Name	Capacity Range (Class)	20	25	32	40	50	63	71	80	100	125	140	145	160	180
			0.8	1	1.25	1.6	2	2.5	3	3.2	4	5	6	5.8	6.4	7.2
			Capacity Index	20	25	31.25	40	50	62.5	71	80	100	125	140	145	160
Ceiling Mounted Cassette (Round Flow with Sensing)	 FXFSQ-AVM												 <small>New capacity</small>			
Ceiling Mounted Cassette (Round Flow)	FXFQ-PVE															
Ceiling Mounted Cassette (Compact Multi Flow)	FXZQ-A2VEB															
Ceiling Mounted Cassette (Double Flow)	FXCQ-MVE															
Ceiling Mounted Cassette (Single Flow)	 FXEQ-AV36															
Slim Ceiling Mounted Duct (Standard Series)	 FXDQ-PDVE (with drain pump)	 (700mm width type)														
	 FXDQ-NDVE (with drain pump)	 (900/1,100mm width type)														
Slim Ceiling Mounted Duct (Compact Series)	 FXDQ-TV1A(A)															
Ceiling Concealed Duct	FXDYQ-MAV1															
Middle Static Pressure Ceiling Mounted Duct	 FXSQ-PAVE															
Ceiling Mounted Duct	 FXMQ-PAVE															
	 FXMQ-PV1A															
Outdoor-Air Processing Unit	FXMQ-MFV1															
4-Way Flow Ceiling Suspended	FXUQ-AVEB															
Ceiling Suspended	FXHQ-MAVE															
Wall Mounted	FXAQ-PVE															
Floor Standing	FXLQ-MAVE															
Concealed Floor Standing	FXNQ-MAVE															
Heat Reclaim Ventilator with DX-Coil and Humidifier	VKM-GA(M)V1		Airflow rate 500-1000 m ³ /h													
Heat Reclaim Ventilator	VAM-GJVE		Airflow rate 150-2000 m ³ /h													

Note: FXDQ-TV1AA models denote a built-in multi tenancy adaptor. This adaptor allows an independent 24V power source to be supplied to the indoor unit PCB in conjunction with 1 phase power from the tenants board. This ensures critical operations, such as oil return are not affected should there be an interruption to the main indoor unit power.



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