



## VRV S SERIES

### Outdoor unit specifications

MODEL		RXMQ4AAVEG	RXMQ5AAVEG	RXMQ6AAVEG
Power supply		1-phase, 220-240/220 V, 50/60 Hz		
Number of connectable indoor units		6	8	9
Cooling capacity	Btu/h	38,200	47,800	54,600
	kW	11.2	14.0	16.0
Power consumption (Outdoor unit)*1	kW	2.69	3.44	3.59
Capacity control	%	23-100	14-100	
Casing colour		Ivory white		
Compressor	Type	Hermetically sealed scroll type		
	Motor output × Number of units	kW	2.0 × 1	3.0 × 1
Airflow rate	m <sup>3</sup> /min	74		133
Dimensions (H × W × D)	mm	990 × 940 × 320		1,345 × 900 × 320
Machine weight	kg	71	80	102
Sound level	dB(A)	52	53	55
Operation range	°CDB	-5 to 46		
Refrigerant	Type	R-410A		
	Charge	kg	2.9	3.4
Piping connections	Liquid	φ9.5 (Flare)		
	Gas	φ15.9 (Flare)		φ19.1 (Flare)

Notes: Specifications are based on the following conditions:

- Cooling: Indoor temp.: 27°CDB, 19°CWB, Outdoor temp.: 35°CDB, Equivalent piping length: 7.5 m, Level difference: 0 m.
- Sound level: Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
- During actual operation, these values are normally somewhat higher as a result of ambient conditions and oil recovery mode.
- When there is concern for noise the surrounding area such as residences, we recommend investigating the installation location and taking soundproofing measures.
- Refrigerant charge is required.

\*1: Connection condition of indoor units

RXMQ4AAVEG: FXAQ20ARVEG × 4 + FXAQ25ARVEG × 1, RXMQ5AAVEG: FXAQ20ARVEG × 4 + FXAQ25ARVEG × 2, RXMQ6AAVEG: FXAQ20ARVEG × 5 + FXAQ25ARVEG × 2

### Option list

NO.	Item	Type	RXMQ4AAVEG	RXMQ5AAVEG	RXMQ6AAVEG
		1	Header pack	BHF6RHP6Z, BHF6ARHP6Z, BHF8RHP6Z	
2	REFNET header	KHRP26M22H, KHRP26M33H (Max. 4 branch), (Max. 8 branch)			
3	REFNET joint	KHRP26A22T			
4	Central drain plug	KKPJ5G280		KKPJ5F180	
5	Fixture for preventing overturning	KKTP5B112		KPT-60B160	
6	Wire fixture for preventing overturning	—		K-KYZP15C	

NO.	Item	Type	FXAQ20ARVEG	FXAQ25ARVEG	FXAQ32ARVEG	FXAQ40ARVEG	FXAQ50ARVEG	FXAQ63ARVEG
		1	Wireless remote controller	BRC4M150W16 BRC7N618-6				
2	Navigation remote controller (Wired remote controller)	BRC1E63						
3	Stylish remote controller	BRC1H61W (White) / BRC1H61K (Black)						
4	Simplified remote controller	BRC2E61						
5	Wiring adaptor for electrical appendices (1)	★ KRP2A61 (Note 4)						
6	Wiring adaptor for electrical appendices (2)	★ KRP4AA52 (Note 4)						
7	Remote sensor (for indoor temperature)	BRC501A-1						
8	Installation box for adaptor printed circuit board ☆	KRP4B93 (Note 2, 3)						
9	External control adaptor for outdoor unit	★ DTA104A61						

Notes:

1. Installation box ☆ is necessary for each adaptor marked ★.
2. Up to 2 adaptors can be fixed for each installation box.
3. Only one installation box can be installed for each indoor unit.
4. Either Wiring adaptor for electrical appendices (1) or Wiring adaptor for electrical appendices (2) cannot be connected with Wireless remotecontroller.

VRV is a trademark of Daikin Industries, Ltd.

VRV Air Conditioning System is the world's first individual air conditioning system with variable refrigerant flow control and was commercialised by Daikin in 1982.

VRV is the trademark of Daikin Industries, Ltd., which is derived from the technology we call "variable refrigerant volume."

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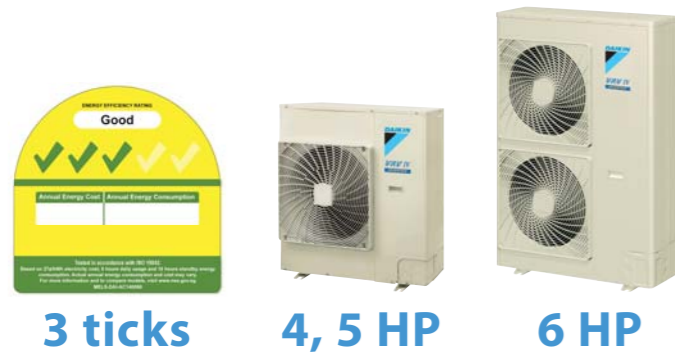
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**R-410A**

**Cooling Only 50 Hz**

# VRV S SERIES



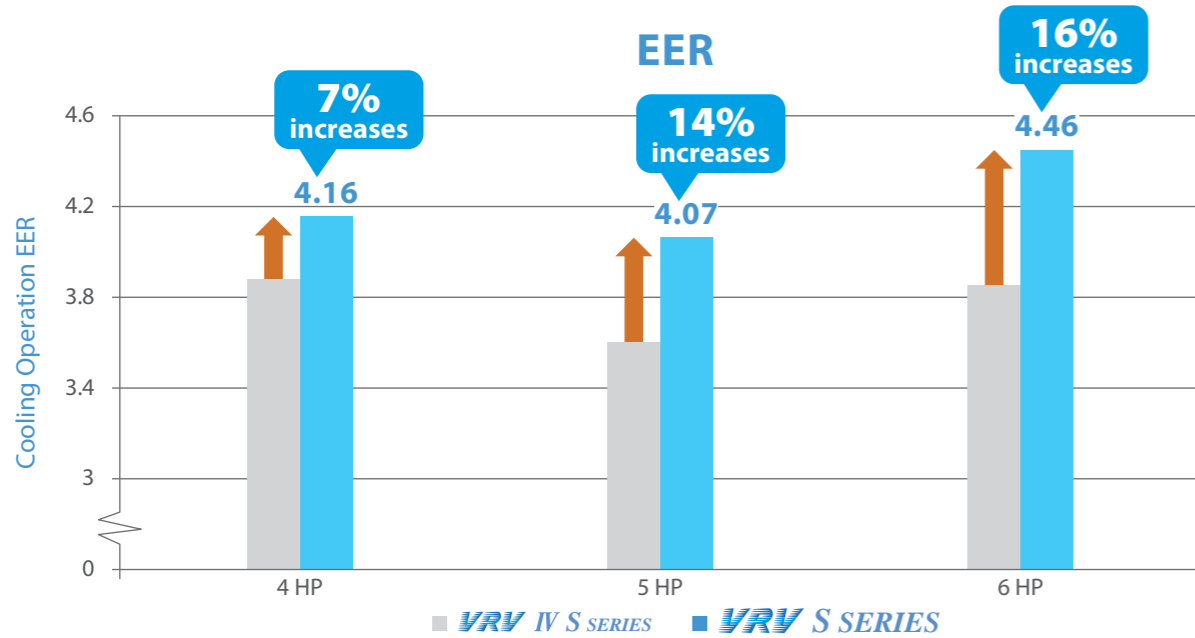
## RXMQ-AAVEG

Cooling Only  
4 HP – 6 HP  
(11.2 kW) (16.0 kW)

**New** MEL3 ticks product lineup 4, 5, 6 HP

## Higher energy efficiency

as compared to VRV IV S series, especially for 6 HP.

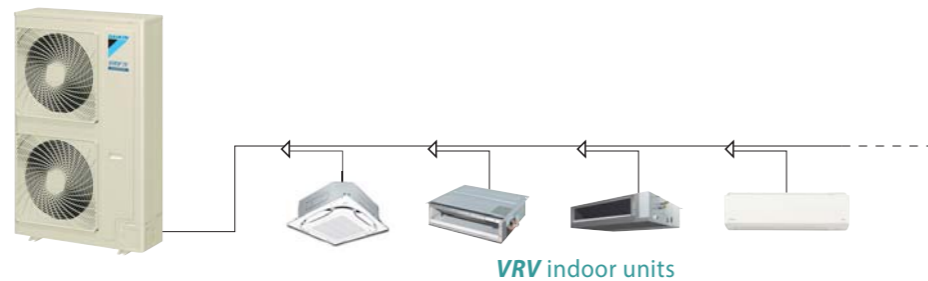


## Connectable up to 9 indoor units

As many as 9 indoor units can be connected to a single outdoor unit, making the VRV S series a remarkably versatile system.

Note: Total capacity index of connectable indoor units must be 50-130% of the capacity index of the outdoor unit.

Max. 9 indoor units

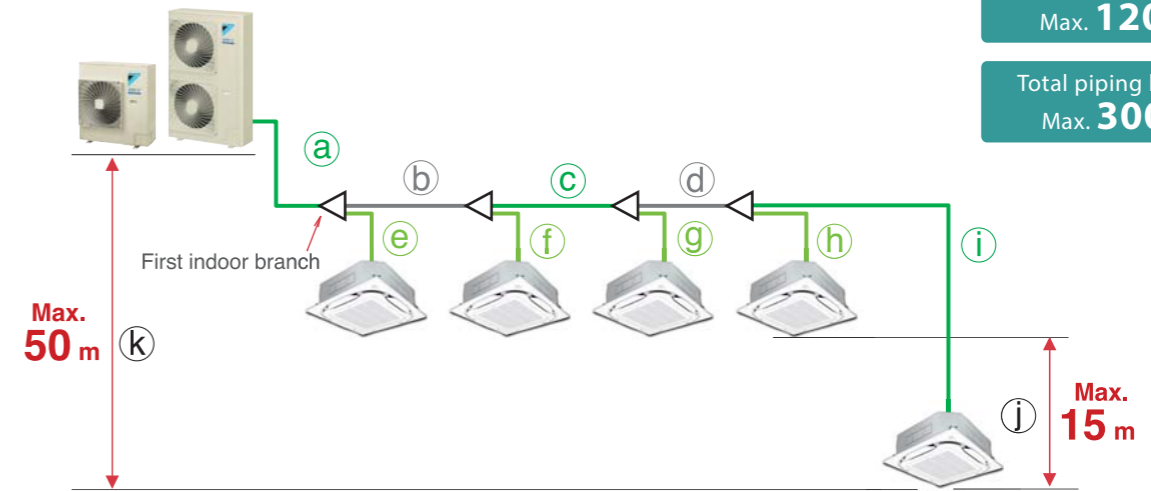


Conditions of VRV indoor unit maximum connection capacity

Applicable VRV indoor units	Including FXFSQ25AVM or FXFSQ40AVM at least one unit
<b>VRV S SERIES</b>	<b>130%</b>
	<b>100%</b>

## Makes the long piping design possible

Piping length restriction



Actual piping length  
Max. 120 m

Total piping length  
Max. 300 m

		4 HP	5 HP	6 HP		
Max. allowable piping length	Actual piping length (Equivalent)	a+b+c+d+i	70 m (90m)	70 m (90m)	120 m (150m)	
	Total piping length	a+b+c+d+e+f+g+h+i	250 m	250 m	300 m	
	Between the first indoor branch and the farthest indoor unit	b+c+d+i	40 m	40 m	40 m	
Max. allowable level difference	Between the indoor units	j	10 m	15 m	15 m	
	Between the outdoor units and the indoor units	If the outdoor unit is above	k	30 m	30 m	50 m
		If the outdoor unit is below	k	30 m	30 m	40 m

## Indoor units lineup

**New** lineup

Type	Model Name	Capacity Range	20	25	32	40	50	63	80	100	125	140
			0.8 HP	1 HP	1.25 HP	1.6 HP	2 HP	2.5 HP	3.2 HP	4 HP	5 HP	6 HP
		Capacity Index	20	25	31.25	40	50	62.5	80	100	125	140
Ceiling Mounted Cassette (Round Flow with Sensing)	FXFSQ-AVM			●	●	●	●	●	●	●	●	●
Ceiling Mounted Cassette (Round Flow)	FXFQ-AVM			●	●	●	●	●	●	●	●	●
Slim Ceiling Mounted Duct (Standard Series)	FXDQ-PDVE (with drain pump)		●	●	●							
	FXDQ-PDVET (without drain pump) (700mm width type)		●	●	●							
	FXDQ-NDVE (with drain pump)					●	●	●				
	FXDQ-NDVET (without drain pump) (900/1,100mm width type)					●	●	●				
Slim Ceiling Mounted Duct (Compact Series)	FXDQ-SPV1		●	●	●	●	●	●				
Middle Static Pressure Ceiling Mounted Duct	FXSQ-PAVE		●	●	●	●	●	●	●	●	●	●
Ceiling Mounted Duct	FXMQ-PAVE		●	●	●	●	●	●	●	●	●	●
Outdoor-Air Processing Unit	FXMQ-MFV1											●
Wall Mounted	<b>New</b> FXAQ-ARVEG			●	●	●	●	●	●			

## Indoor unit specifications **New**

MODEL	FXAQ20ARVEG	FXAQ25ARVEG	FXAQ32ARVEG	FXAQ40ARVEG	FXAQ50ARVEG	FXAQ63ARVEG	
Power supply	1-phase, 220-240/220 V, 50/60 Hz						
Cooling Capacity	kW	2.2	2.8	3.6	4.5	5.6	7.1
Power consumption	kW	0.042	0.046	0.047	0.048	0.051	0.056
Airflow rate (H/L)	m <sup>3</sup> /min	7.5/4.5	9/5	11/5.5	13/9	15/12	19/14
Sound level (H/L)	dB(A)	35/31	36/31	38/31	39/34	42/37	47/41
Dimensions (H x W x D)	mm	298 x 929 x 258					
Machine weight	kg	13					