

Outdoor unit specifications

SGPVV2001

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	3.3 × 1
Airflow rate	m ³ /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	3.6
Piping connections	Liquid	mm	φ9.5 (Flare)		
	Gas	mm	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.	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.	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)	BRCS01A-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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Specifications, designs and other content appearing in this brochure are current as of June 2020 but subject to change without notice.



VRV S SERIES



R-410A

Cooling Only 50 Hz



RXMQ4AAVEG



RXMQ5AAVEG
RXMQ6AAVEG



VRV S SERIES

RXMQ-AAVEG

Cooling Only

4 HP – 6 HP
(11.2 kW) (16.0 kW)



RXMQ4AAVEG



RXMQ5AAVEG
RXMQ6AAVEG

4, 5 HP

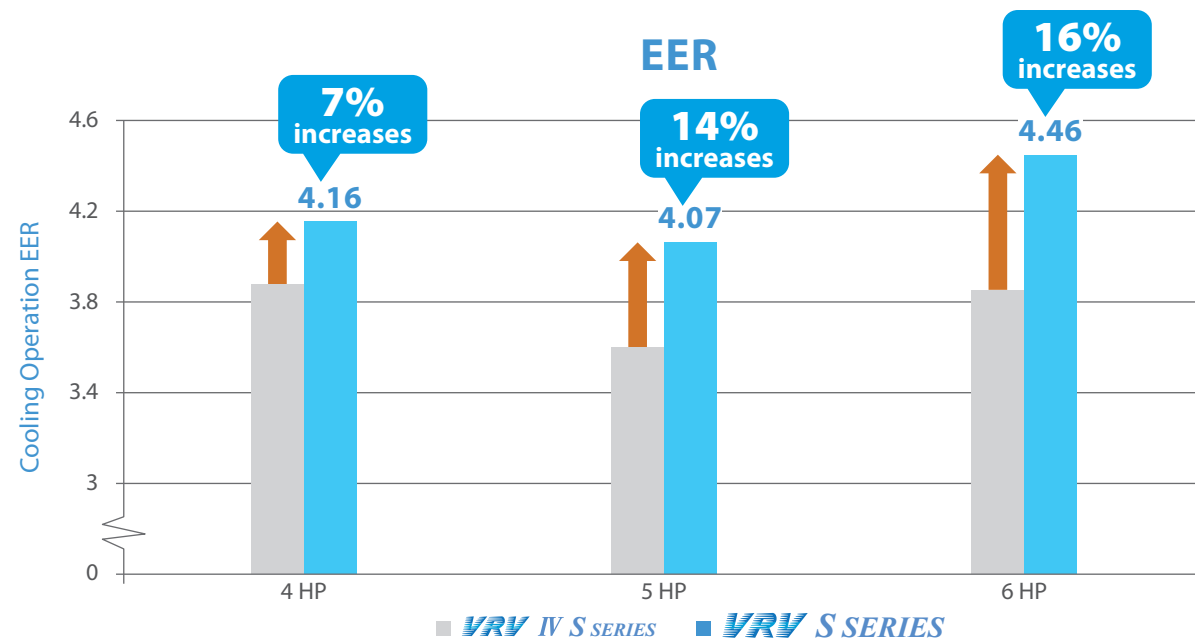
6 HP

New

MELS3 ticks product lineup 4, 5, 6 HP

Higher energy efficiency

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

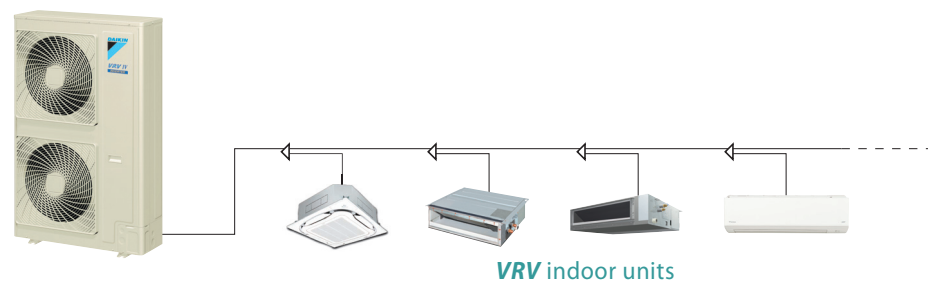


Connectable up to 9 indoor units

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



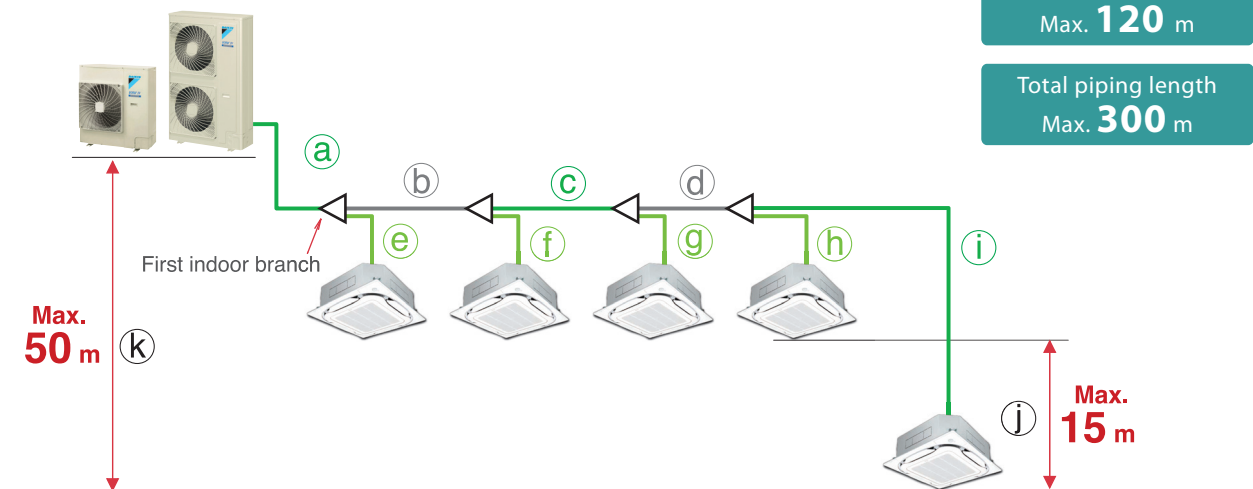
VRV indoor units

Conditions of VRV indoor unit maximum connection capacity

Applicable VRV indoor units	Including FXFSQ25AVM or FXFSQ40AVM at least one unit
FFX(S)Q, FXDQ, FXSQ, FXMQ, FXAQ models	
VRV S SERIES	130%
	100%

Makes the long piping design possible

Piping length restriction



		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)
	Total piping length	a+b+c+d+e+f+g+h+i	250 m	250 m
	Between the first indoor branch and the farthest indoor unit	b+c+d+i	40 m	40 m
Max. allowable level difference	Between the indoor units	j	10 m	15 m
	Between the outdoor units and the indoor units	k	30 m	30 m
	If the outdoor unit is below	k	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
Ceiling Mounted Cassette (Round Flow with Sensing)	FXFSQ-AVM	Capacity Index	20	25	31.25	40	50	62.5	80	100	125	140
Ceiling Mounted Cassette (Round Flow)	FXFQ-AVM	(700mm width type)										
Slim Ceiling Mounted Duct (Standard Series)	FXDQ-PDVE (with drain pump)	(900/1,100mm width type)										
Slim Ceiling Mounted Duct (Compact Series)	FXDQ-PDVET (without drain pump)	(900/1,100mm width type)										
Slim Ceiling Mounted Duct (Compact Series)	FXDQ-NDVE (with drain pump)	(900/1,100mm width type)										
Slim Ceiling Mounted Duct (Compact Series)	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	New 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
Power consumption	kW	0.042	0.046	0.047	0.048	0.051
Airflow rate (H/L)	m ³ /min	7.5/4.5	9/5	11/5.5	13/9	15/12
Sound level (H/L)	dB(A)	35/31	36/31	38/31	39/34	42/37
Dimensions (H × W × D)	mm	298 × 929 × 258				
Machine weight	kg	13				