

## Outdoor Unit Lineup



20-33.5kW



40kW



45-61.5kW

## V8 Indoor Unit

Type	One-way Cassette	Two-way Cassette	Compact Four-way Cassette	Four-way Cassette	Arc Duct	Medium Static Pressure Duct
Indoor Unit						
	1.8-7.1kW, 7 models	2.2-7.1kW, 6 models	1.5-6.3kW, 7 models	2.8-16kW, 11 models	1.5-11.2kW, 10 models	1.5-16kW, 12 models
Type	High Static Pressure Duct	Wall Mounted	Ceiling & Floor	Floor Standing	Floor Standing	Fresh Air Processing Unit
Indoor Unit						
	7.1-56kW, 12 models	1.5-9kW, 9 models	3.6-14kW, 8 models	2.2-7.1kW, 6 models	22.4/28kW, 2 models	11.2-56kW, 8 models

Note: The different series of indoor units are available in stages.

Pictures are for reference only, please refer to the actual product.

## 2<sup>nd</sup> Generation DC/AC Indoor Unit

Type	One-way Cassette	Two-way Cassette	Compact Four-way Cassette	Four-way Cassette	Medium Static Pressure Duct
Indoor Unit					
	1.8-7.1kW, 7 models	2.2-7.1kW, 6 models	2.2-4.5kW, 5 models (DC) 1.8-4.5kW, 5 models (AC)	2.8-16kW, 11 models (DC) 2.8-14kW, 10 models (AC)	2.2-16kW, 11 models (DC) 2.2-14kW, 10 models (AC)
Type	High Static Pressure Duct	Wall Mounted	Ceiling & Floor	Floor Standing	Fresh Air Processing Unit
Indoor Unit					
	7.1-56kW, 12 models	2.2-9kW, 8 models	3.6-16kW, 9 models (DC) 3.6-14kW, 8 models (AC)	2.2-8kW, 7 models (DC)	12.5-56kW, 7 models (DC)

## Specification

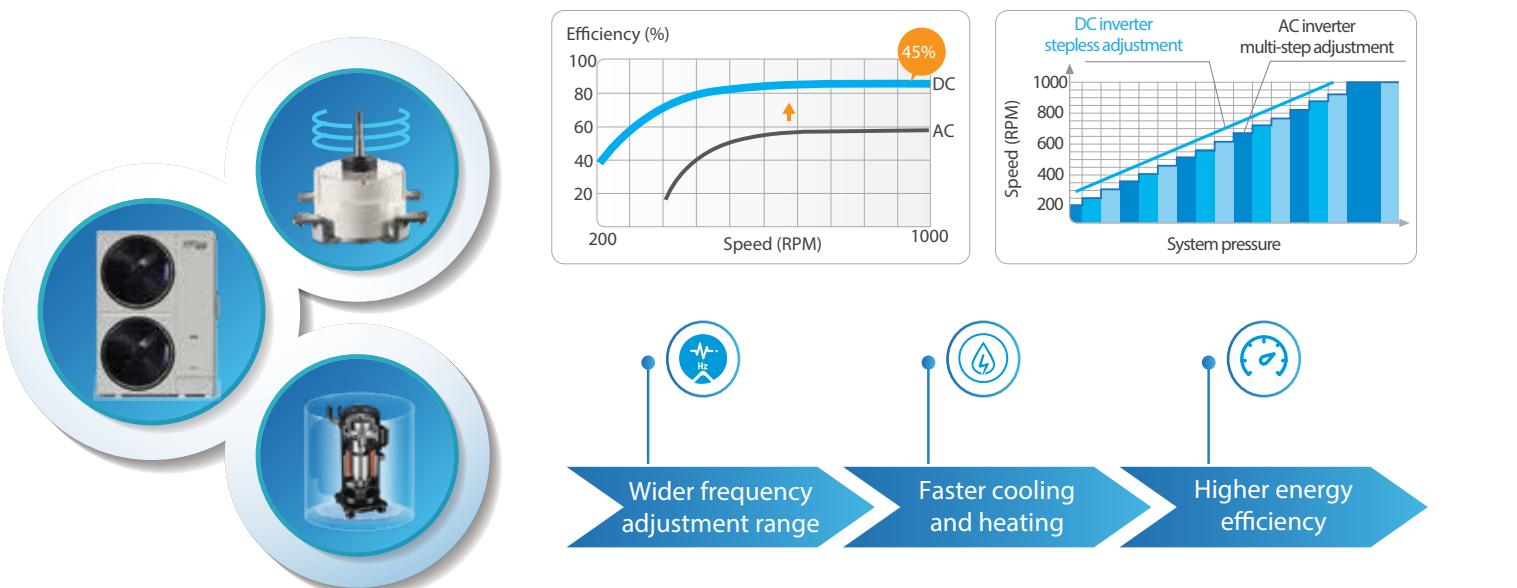
HP	7	8	9	10	12
Model	MVi-200WV2RN1(A)	MVi-224WV2RN1(A)	MVi-260WV2RN1(A)	MVi-280WV2RN1(A)	MVi-335WV2RN1(A)
Power supply	V/N/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Cooling <sup>1</sup>	Capacity	kW	20.00	22.40	26.00
		kBTu/h	68.2	76.4	88.7
Heating (Rated) <sup>2</sup>	Capacity	kW	20.00	22.40	26.00
		kBTu/h	68.2	76.4	95.5
Heating(Max) <sup>2</sup>	Capacity	kW	22.50	25.00	31.50
		kBTu/h	76.8	85.3	114.3
SEER			7.11	6.83	6.55
SCOP			3.95	4.26	4.53
Connected indoor unit	Total capacity		50-130%	50-130%	50-130%
	Maximum quantity		11	13	15
Compressor	Type	DC inverter	DC inverter	DC inverter	DC inverter
	Quantity	1	1	1	1
Fan	Type	DC	DC	DC	DC
	Motor type	2	2	2	2
Refrigerant	Type	R410A	R410A	R410A	R410A
	Factory charge	kg	6.5	6.5	6.5
Pipe connections <sup>3</sup>	Liquid pipe	mm	Φ12.7	Φ12.7	Φ12.7
	Gas pipe	mm	Φ19.1	Φ19.1	Φ22.2
Airflow rate	m <sup>3</sup> /h	9000	9000	10000	11000
Sound pressure level <sup>4</sup>	dB(A)	58	58	59	60
Net dimensions (WxHxD)	mm	1120x1558x528	1120x1558x528	1120x1558x528	1120x1558x528
Packed dimensions (WxHxD)	mm	1270x1720x565	1270x1720x565	1270x1720x565	1270x1720x565
Net weight	kg	143	143	144	144
Gross weight	kg	159	159	160	160
Ambient temp. operation range	Cooling	OC	-5 to 48	-5 to 48	-5 to 48
	Heating	OC	-20 to 24	-20 to 24	-20 to 24
			-20 to 24	-20 to 24	-20 to 24
HP	14	16	18	20	22
Model	MVi-400WV2RN1(A)	MVi-450WV2RN1(A)	MVi-500WV2RN1(A)	MVi-560WV2RN1(A)	MVi-615WV2RN1(A)
Power supply	V/N/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Cooling <sup>1</sup>	Capacity	kW	40	45	50
		kBTu/h	136.5	153.5	170.6
Heating (Rated) <sup>2</sup>	Capacity	kW	40	45	50
		kBTu/h	136.5	153.5	170.6
Heating(Max) <sup>2</sup>	Capacity	kW	45	50	63
		kBTu/h	153.5	170.6	192.8
SEER			6.23	6.15	6.08
SCOP			4.00	4.10	4.15
Connected indoor unit	Total capacity		50-130%	50-130%	50-130%
	Maximum quantity		22	26	29
Compressor	Type	DC inverter	DC inverter	DC inverter	DC inverter
	Quantity	1	1	1	1
Fan	Type	Propeller	Propeller	Propeller	Propeller
	Motor type	DC	DC	DC	DC
Refrigerant	Type	R410A	R410A	R410A	R410A
	Factory charge	kg	7.4	8	8.5
Pipe connections <sup>3</sup>	Liquid pipe	mm	Φ12.7	Φ15.9	Φ15.9
	Gas pipe	mm	Φ25.4	Φ28.6	Φ28.6
Airflow rate	m <sup>3</sup> /h	12500	18500	20000	18500
Sound pressure level <sup>4</sup>	dB(A)	59	60	61	62
Net dimensions (WxHxD)	mm	1130x1760x445	1250x1760x445	1250x1760x445	1250x1760x445
Packed dimensions (WxHxD)	mm	1210x1916x597	1330x1916x597	1330x1916x597	1330x1916x597
Net weight	kg	187	214	214	234
Gross weight	kg	201	229	229	249
Ambient temp. operation range	Cooling	OC	-15 to 55	-15 to 55	-15 to 55
	Heating	OC	-30 to 30	-30 to 30	-30 to 30
			-30 to 30	-30 to 30	-30 to 30

Notes:  
1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference; connect to Cassette type indoor unit.  
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference; connect to Cassette type indoor unit.  
3. Diameters given are those of the unit's stop valves.  
4. Sound pressure level is measured at a position 1m in front of the unit and 1m above the floor in a semi-anechoic chamber.



## Full DC Inverter Technology

The EasyFit Series VRF uses full DC inverter compressor and fan motor to achieve high precision stepless speed adjustment according to system operation, and ensures that the system is always in optimum condition, operating more efficiently, more consistently and with less noise.



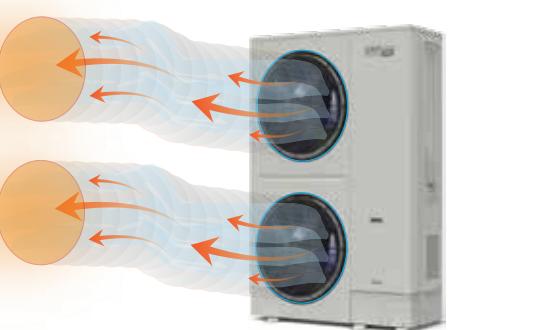
## Space Saving

The compact, slim designed outdoor unit can easily be installed on a balcony, realizing complete system installation within each floor. Which release more useful utilization of the space on the building rooftop.



## High External Static Pressure\*

80Pa static pressure can be customized, which facilitates installation of the unit on balconies with ducting.



\*80Pa external static pressure only 40-61.5kW models can be customized.

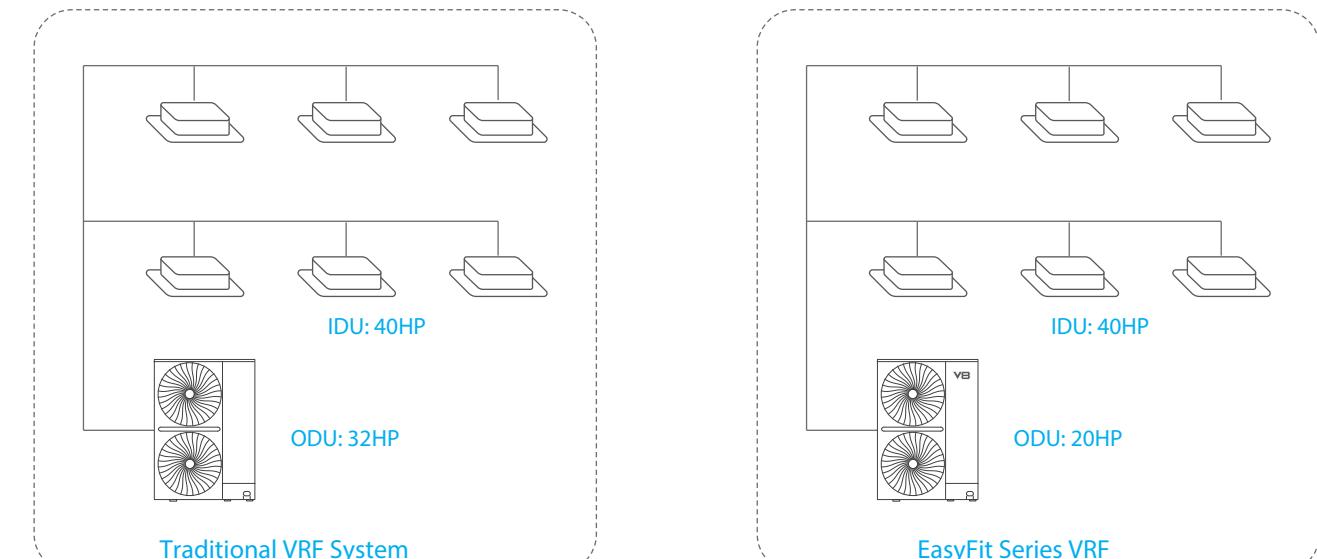
## Easy Transportation

EasyFit Series VRF can be transported by elevator which makes installation dramatically easy, and effectively reduces time and labor thanks to the small size.



## Wide Combination Ratio\*

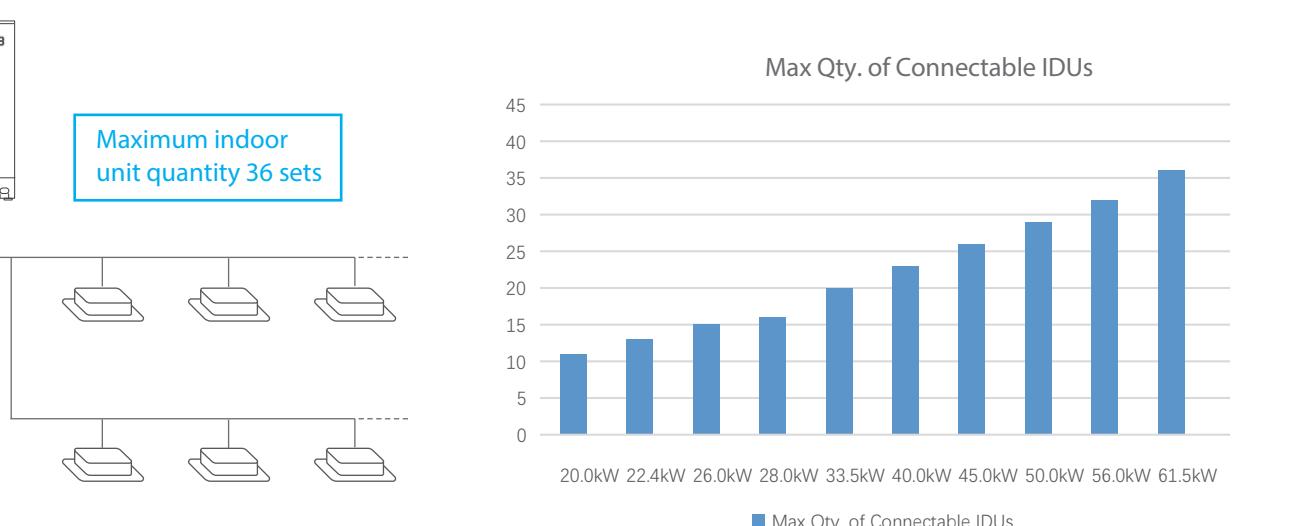
Compared to traditional VRF with combination ratio of 50-130%, the EasyFit Series VRF can be extended to 50-200%, and the wider combination ratio allows for more flexible system configuration. The larger combination ratio can be applied to long-term part-load operation scenarios, allowing for further reduction in installation costs.



\*Only the 40-61.5kW models can be customized with combination ratio of above 130%.

## Flexible Indoor Units Connection

A single outdoor unit supports up to 36 indoor units, freeing up considerable space outside. Use your backyard more wisely with much more space available created by less number of outdoor units.



The total piping length of the EasyFit system can be up to 560m, the level difference between indoor and outdoor units can be up to 50m and the level difference between indoor units can be up to 30m, making the EasyFit Series VRF perfectly suitable for all buildings.

	Permitted value(m)		20-33.5kW	40-61.5kW
	Total Pipe Length(Actual)	Actual Length	150	560
Pipe Length	Longest piping <sup>1</sup>	Equivalent Length	100	150
		Equivalent Length	110	175
Level difference	Equivalent piping length (from the farthest IDU to the first indoor branch joint/header) <sup>2</sup>		40	40/90*
	Level difference between IDU~ODU <sup>3</sup>	Outdoor Unit Up	50	50
		Outdoor Unit Down	40	40
	Level difference between IDU~IDU <sup>4</sup>		15	30

\*The longest length after first branch is 40m as standard but can be extended to up to 90m under certain conditions. Please contact your local dealer for further information.

