

Outdoor Unit Lineup

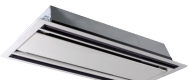


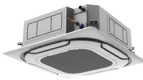
25.2-40kW



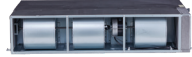
45-61.5kW

V8 Indoor Unit

| Type        | One-way Cassette                                                                  | Two-way Cassette                                                                  | Compact Four-way Cassette                                                          |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Indoor Unit |  |  |  |
|             | 1.8-7.1kW, 7 models                                                               | 2.2-7.1kW, 6 models                                                               | 1.5-6.3kW, 7 models                                                                |

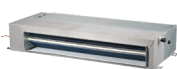
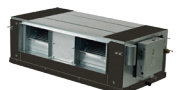
| Type        | Four-way Cassette                                                                 | Arc Duct                                                                          | Medium Static Pressure Duct                                                        |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Indoor unit |  |  |  |
|             | 2.8-18kW, 12 models                                                               | 1.5-11.2kW, 10 models                                                             | 1.5-16kW, 13 models                                                                |

| Type        | High Static Pressure Duct                                                         | Wall Mounted                                                                      | Ceiling & Floor                                                                    |
|-------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| Indoor unit |  |  |  |
|             | 5.6-56kW, 16 models                                                               | 1.5-8kW, 8 models                                                                 | 3.6-14kW, 10 models                                                                |

| Type        | Floor Standing                                                                      | Fresh Air Processing Unit                                                           | Small Airflow Rate Fresh Air Processing Unit                                         |
|-------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Indoor unit |  |  |  |
|             | 2.2-8kW, 7 models                                                                   | 22.4-56KW, 7 models                                                                 | 9-28KW, 5 models                                                                     |

Note: 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)<br>1.8-4.5kW, 5 models (AC)                                | 2.8-16kW, 11 models (DC)<br>2.8-14kW, 10 models (AC)                                | 2.2-16kW, 11 models (DC)<br>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, 12models                                                                  | 2.2-9kW, 8 models                                                                   | 3.6-16kW, 9 models (DC)<br>3.6-14kW, 8 models (AC)                                  | 2.2-8kW, 7 models (DC)                                                              | 12.5-56kW, 7 models (DC)                                                             |

Specification

| HP                        |                        |       | 8                | 10               | 12               | 14               |
|---------------------------|------------------------|-------|------------------|------------------|------------------|------------------|
| Model                     |                        |       | MVi-252WV2RNI(B) | MVi-280WV2RNI(B) | MVi-335WV2RNI(B) | MVi-400WV2RNI(A) |
| Power supply              |                        |       | V/N/Hz           | 380-415/3/50     | 380-415/3/50     | 380-415/3/50     |
| Cooling(T1)1              | Capacity               | kW    | 25.2             | 28               | 33.5             | 40               |
|                           | kBtu/h                 |       | 86.0             | 95.5             | 114.3            | 136.5            |
|                           | Power input            | kW    | 7.6              | 9.1              | 11.6             | 15.7             |
|                           | EER                    |       | 3.30             | 3.09             | 2.90             | 2.54             |
| Heating (Rated)2          | Capacity               | kW    | 25.2             | 28               | 33.5             | 40               |
|                           | kBtu/h                 |       | 86.0             | 95.5             | 114.3            | 136.5            |
|                           | Power input            | kW    | 6.1              | 7.0              | 9.1              | 11.7             |
|                           | COP                    |       | 4.10             | 4.02             | 3.68             | 3.42             |
| Heating (Max)2            | Capacity               | kW    | 27               | 31.5             | 37.5             | 45               |
|                           | kBtu/h                 |       | 92.1             | 107.5            | 128.0            | 153.5            |
|                           | Power input            | kW    | 7.8              | 9.5              | 11.5             | 14.6             |
|                           | COP                    |       | 3.47             | 3.30             | 3.25             | 3.09             |
| SEER                      |                        |       | 7.10             | 6.80             | 6.38             | 6.23             |
| ηs.c                      |                        |       | %                | 287.0            | 279.0            | 273.4            |
| SCOP                      |                        |       |                  | 4.15             | 4.10             | 4.11             |
| ηs.h                      |                        |       | %                | 163.0            | 161.4            | 161.4            |
| Connected indoor unit     | Total capacity         |       | 50-130%          | 50-130%          | 50-130%          | 50-130%          |
|                           | Maximum quantity       |       | 13               | 16               | 19               | 22               |
| 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               | Static pressure        | Pa    |                  |                  |                  |                  |
|                           | Type                   |       | R410A            | R410A            | R410A            | R410A            |
| Pipe connections3         | Factory charge         | kg    | 6.1              | 6.1              | 6.4              | 7.4              |
|                           | Liquid pipe            | mm    | Φ12.7            | Φ12.7            | Φ12.7            | Φ12.7            |
| Sound pressure level4     | Gas pipe               | mm    | Φ25.4            | Φ25.4            | Φ25.4            | Φ25.4            |
|                           |                        | dB(A) | 56               | 57               | 58               | 59               |
| Sound power level4        |                        | dB(A) | 76               | 79               | 81               | 82               |
|                           | Net dimensions (WxHxD) | mm    | 1130x1760x580    | 1130x1760x580    | 1130x1760x580    | 1130x1760x580    |
| Packed dimensions (WxHxD) |                        | mm    | 1210x1916x597    | 1210x1916x597    | 1210x1916x597    | 1210x1916x597    |
|                           | Net weight             | kg    | 182              | 182              | 185              | 187              |
| Gross weight              |                        | kg    | 204              | 204              | 207              | 209              |
|                           | Ambient temp.          | °C    | -15 to 55        | -15 to 55        | -15 to 55        | -15 to 55        |
| operation range           | Cooling                | °C    | -30 to 30        | -30 to 30        | -30 to 30        | -30 to 30        |
|                           | Heating                | °C    | -30 to 30        | -30 to 30        | -30 to 30        | -30 to 30        |

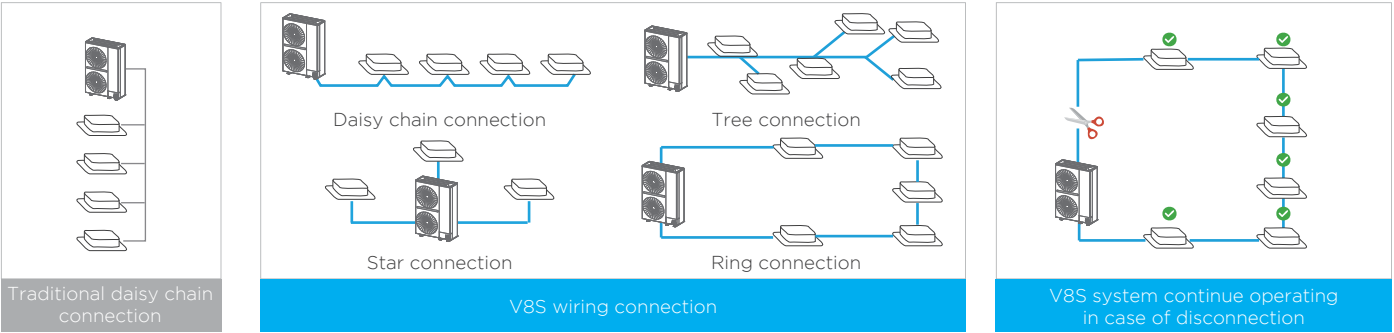
| HP                        |                        |       | 16               | 18               | 20               | 22               |
|---------------------------|------------------------|-------|------------------|------------------|------------------|------------------|
| Model                     |                        |       | MVi-450WV2RNI(A) | MVi-500WV2RNI(A) | MVi-560WV2RNI(A) | MVi-615WV2RNI(A) |
| Power supply              |                        |       | V/N/Hz           | 380-415/3/50     | 380-415/3/50     | 380-415/3/50     |
| Cooling(T1)1              | Capacity               | kW    | 45               | 50               | 56               | 61.5             |
|                           | kBtu/h                 |       | 153.5            | 170.6            | 191.1            | 209.8            |
|                           | Power input            | kW    | 16.0             | 19.5             | 22.9             | 28.1             |
|                           | EER                    |       | 2.82             | 2.57             | 2.45             | 2.19             |
| Heating (Rated)2          | Capacity               | kW    | 45               | 50               | 56               | 61.5             |
|                           | kBtu/h                 |       | 153.5            | 170.6            | 191.1            | 209.8            |
|                           | Power input            | kW    | 12.2             | 13.7             | 15.5             | 18.8             |
|                           | COP                    |       | 3.68             | 3.65             | 3.62             | 3.28             |
| Heating (Max)2            | Capacity               | kW    | 50               | 56.5             | 63               | 69               |
|                           | kBtu/h                 |       | 170.6            | 192.8            | 215.0            | 235.4            |
|                           | Power input            | kW    | 15.7             | 18.1             | 20.3             | 22.5             |
|                           | COP                    |       | 3.19             | 3.12             | 3.10             | 3.07             |
| SEER                      |                        |       | 6.15             | 6.08             | 5.95             | 5.80             |
| ηs.c                      |                        |       | %                | 267.8            | 255.8            | 249.0            |
| SCOP                      |                        |       |                  | 4.10             | 4.15             | 4.07             |
| ηs.h                      |                        |       | %                | 166.2            | 163.8            | 159.8            |
| Connected indoor unit     | Total capacity         |       | 50-130%          | 50-130%          | 50-130%          | 50-130%          |
|                           | Maximum quantity       |       | 26               | 29               | 32               | 35               |
| 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               | Static pressure        | Pa    |                  |                  |                  |                  |
|                           | Type                   |       | R410A            | R410A            | R410A            | R410A            |
| Pipe connections3         | Factory charge         | kg    | 8                | 8                | 8.5              | 8.5              |
|                           | Liquid pipe            | mm    | Φ15.9            | Φ15.9            | Φ15.9            | Φ15.9            |
| Sound pressure level4     | Gas pipe               | mm    | Φ28.6            | Φ28.6            | Φ28.6            | Φ28.6            |
|                           |                        | dB(A) | 60               | 61               | 61               | 62               |
| Sound power level4        |                        | dB(A) | 86               | 88               | 89               | 89               |
|                           | Net dimensions (WxHxD) | mm    | 1250x1760x580    | 1250x1760x580    | 1250x1760x580    | 1250x1760x580    |
| Packed dimensions (WxHxD) |                        | mm    | 1330x1916x597    | 1330x1916x597    | 1330x1916x597    | 1330x1916x597    |
|                           | Net weight             | kg    | 214              | 214              | 234              | 234              |
| Gross weight              |                        | kg    | 238              | 238              | 258              | 258              |
|                           | Ambient temp.          | °C    | -15 to 55        | -15 to 55        | -15 to 55        | -15 to 55        |
| operation range           | Cooling                | °C    | -30 to 30        | -30 to 30        | -30 to 30        | -30 to 30        |
|                           | Heating                | °C    | -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.



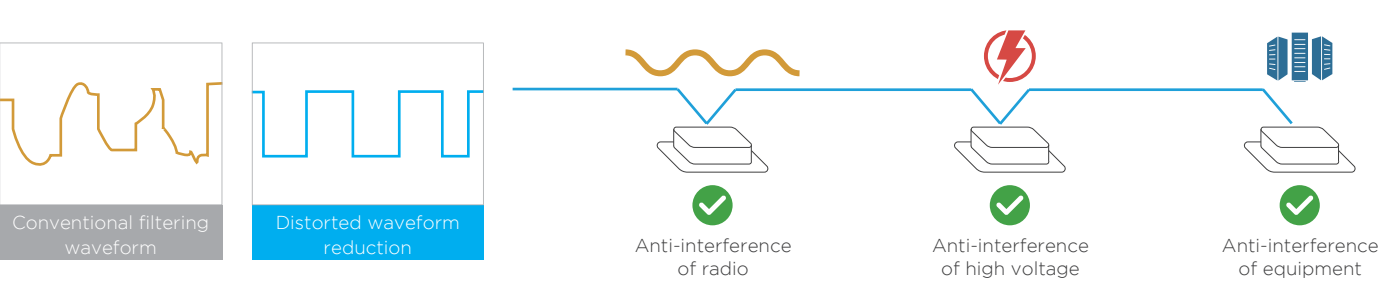
## Support Any Topology Communication

In addition to the traditional daisy chain connection, the communication wire supports tree connection, star connection, ring connection and so on. The wiring is flexible, which greatly reduces the installation cost and has no possibility of wrong connection on site.



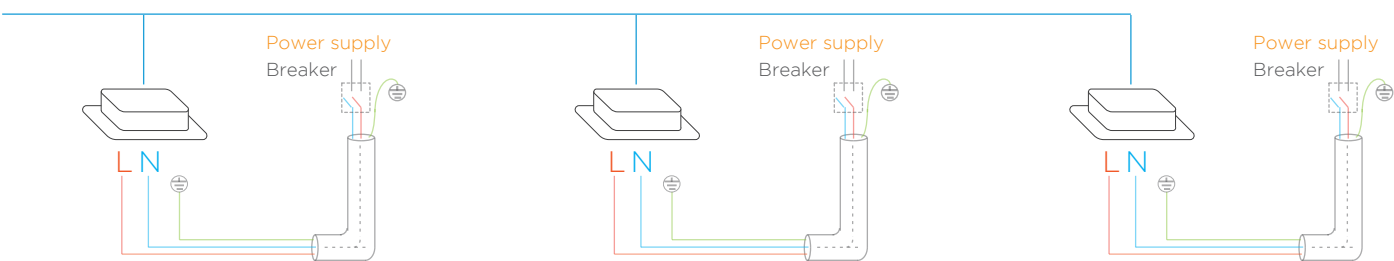
## Super Anti-interference Capability

Special waveform restoration technology enhances anti-interference performance for more stable communication.



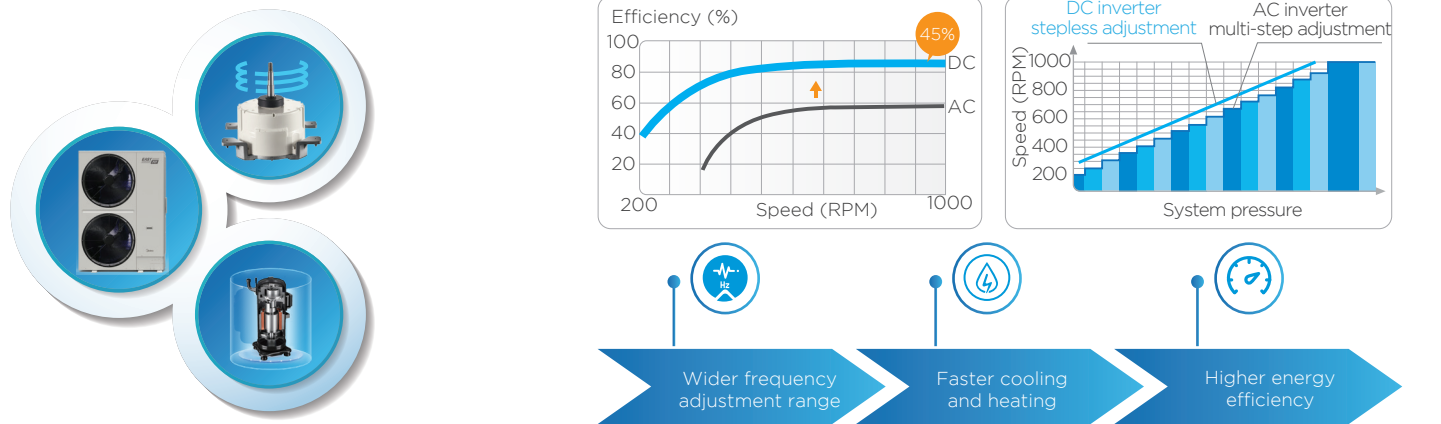
## Flexible Power Supply for Indoor Units

HyerLink's unique communication method allows the indoor units to be powered not only by a uniform power supply, but also by individual and zone power supplies, making it particularly suitable for each shop in a large complex building, which can independently power on and off its own indoor units.



## 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.



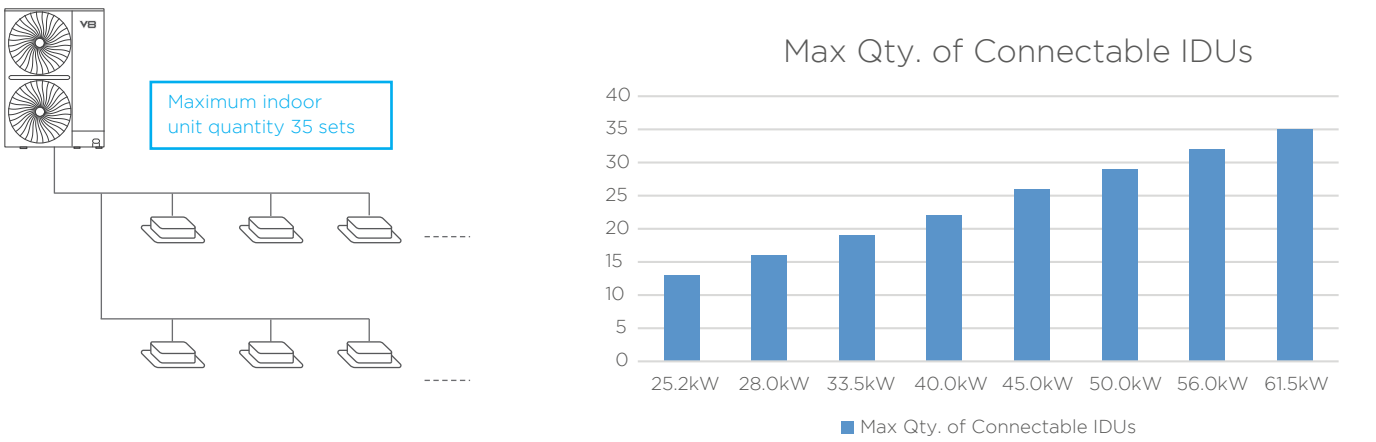
## Easy Transportation

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



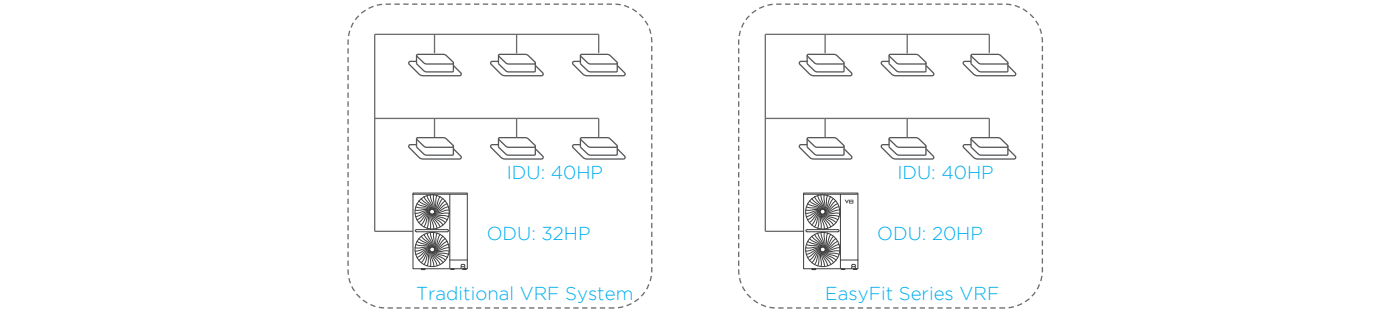
## Flexible Indoor Units Connection

A single outdoor unit supports up to 35 indoor units, freeing up considerable space outside. Use your backyard more wisely with much more space available created by less number of outdoor units.



## 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.



## Flexible Piping Design

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)                                                                        | 25.2-61.5kW |
|------------------|-------------------------------------------------------------------------------------------|-------------|
| Pipe Length      | Total Pipe Length(Actual)                                                                 |             |
|                  | Longest piping1                                                                           | 560         |
|                  | Equivalent Length                                                                         | 175         |
| Level difference | Equivalent piping length (from the farthest IDU to the first indoor branch joint/header)2 |             |
|                  | Level difference between IDU-ODU3                                                         | 40/90*      |
|                  | Outdoor Unit Up                                                                           | 50          |
|                  | Outdoor Unit Down                                                                         | 40          |
|                  | Level difference between IDU-IDU4                                                         |             |
|                  |                                                                                           | 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.