

MINI VRF FULL DC INVERTER



WIDE APPLICATION RANGE

The outdoor unit is available in capacity ranges from 7.2kW to 61.5kW. It is perfect for commercial and residential applications such as small offices, apartments and shops.

WIDE RANGE OF INDOOR UNITS

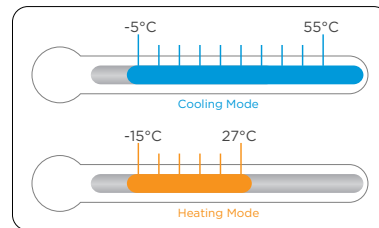
Midea provides 11 ranges and more than 100 models of VRF indoor units. These have been proven to meet a wide range of applications including hotels, hospitals, office blocks, airports and sports stadiums.

WIDE OPERATION RANGE

Mini VRF Series operates stably under extreme conditions, ranging from minus -15°C to 55°C.

LONG PIPING LENGTH

The Mini VRF provides a total piping length possibility of 560m, a maximum height difference between outdoor and indoor units of 50m. The height difference between indoor units can be up to 30m. These generous allowances facilitate an extensive array of system designs.



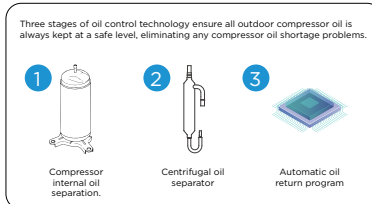
Wide operation range

It has been certified by UL that our VRF outdoor unit can withstand 27 years of simulated severe corrosion under a salt contaminated traffic environment.

Outdoor Unit can resist 27 years of simulated severe corrosion under a salt contaminated traffic environment

*UL anti-corrosion certificate is available for heavy anti-corrosion treatment units.

UL Anti-Corrosion Certificate*



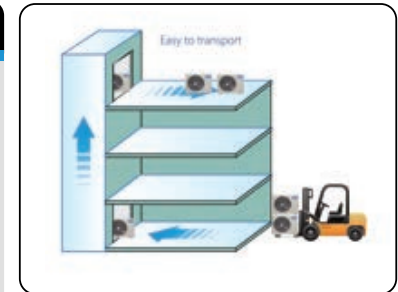
Precise Oil Control



PIPE LENGTH

	PERMITTED VALUE(M)	MONOPHASE			3 PHASE		
		80	100/120	140/160/180	120/140/160	200/224/260 /280/335	400/450/500 /560/615
Piping length	Total piping length	≤70	≤90	≤130	≤100	≤150	≤560
Piping length	Piping between furthest indoor unit and outdoor unit	≤35	≤45	≤60	≤60	≤100	≤150
Piping length	Equivalent length	≤40	≤50	≤70	≤70	<110	≤175
Level differences	Piping between furthest indoor unit and first indoor branch joint	≤20m	≤20	≤20	≤20	≤40	≤40/90
	Largest level difference between indoor unit and outdoor unit	Outdoor unit is above	≤10m	≤20	≤30	≤50	≤50
		Outdoor unit is below	≤10	≤20	≤20	≤40	≤40
	Largest level difference between indoor units	≤10	≤10	≤10	≤8	≤15	≤30

1. Total pipe length is equal to all the liquid pipe or all the gas pipe length.
2. When the total equivalent pipe length of liquid side plus gas side is more than 90m, it needs to meet the specific conditions according to the installation part of the technical manual.
*See technical manual for full information



Easy installation



Auto addressing

EASY INSTALLATION AND SERVICE

EASY INSTALLATION

No special area is required for outdoor units. All outdoor units can be transported by elevator, which greatly simplifies installation and reduces time and labour.

The Mini VRF system's indoor and outdoor units are almost as easy to install as residential air conditioning systems, making them ideal for small offices and shops.

SPACE SAVING DESIGN

The Mini VRF units are slimmer and more compact, resulting in significant savings in installation space.

In some large residential and light commercial areas, such as restaurants, shops and larger houses, it would usually need more than one indoor unit, which in turn requires multiple outdoor units.

Midea's Mini VRF system solves this problem, and retains the aesthetics of the building.

AUTO ADDRESSING

Outdoor unit can distribute addresses for indoor units automatically. Wireless and wired controllers can query and modify each indoor units address.