

Fantasy Series

Frost-free MT DC Inverter Condensing Units



1.5~4HP
Rotary Compressor
Single Compressor
Single Fan



5~10HP
Rotary Compressor
Single Compressor
Dual Fans

Benefits at a Glance



Suitable for high noise, high ambient temperature applications



Energy conservation and low noise



Hinged door optional



MT/LT integrated condensing unit

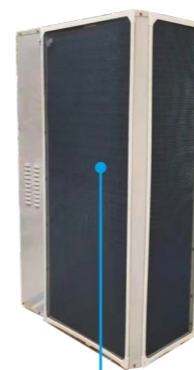


Magnetic air filter optional

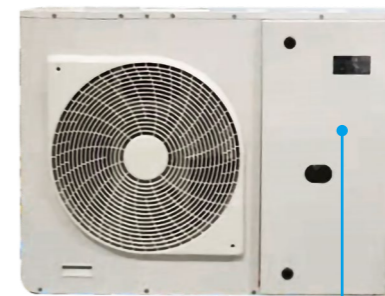


Cold capacity Coverage from +1.5HP to 46HP

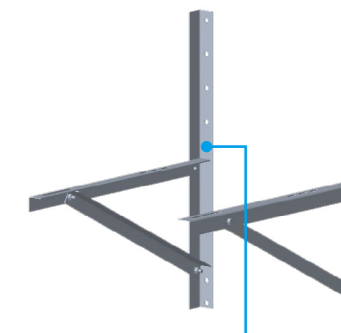
Optional Configuration



Magnetic Air Filter
One-click cleaning,
Reduce Labor Cost



Hinged Door
Convenient for maintenance



Triangular Bracket
Reduced vibration and Leakage

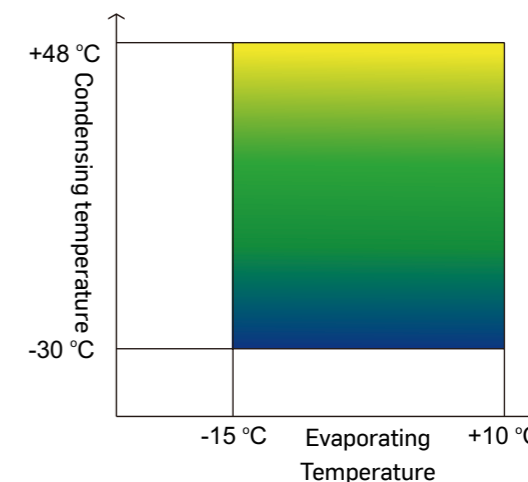
Naming Rule

GV R M 080 N S A 1 X

- Internal Design Serial Number
- B - 2nd generation
- Power
 - 1. 380V/3Ph/50-60Hz
 - 2. 220V/1Ph/50-60Hz
 - 3. 220V/3Ph/60Hz
 - 4. 380V/3Ph/60Hz
 - 5. 380V/3Ph/50Hz
- Cooling Method
 - A-Air Cooling
- No. of Compressor
 - S-Single Compressor
 - D-Double Compressors
- Refrigerant
 - N-R410A
- Nominal HP
 - 015-1.5HP
 - 040-4HP
 - 100-10HP
 - 460-46HP
- Application Temperature of Unit
 - M-Medium Temperature
- Compressor Type
 - R-Rotary Compressor
 - S-Scroll Compressor
- Hermetic Inverter Compressing and Condensing Unit

Operation Range

1.5~10HP



Technical Parameters

| Model | GVRM 015NSA2BF | GVRM 020NSA2BF | GVRM 025NSA2BF | GVRM 035NSA2BF | GVRM 040NSA1BF | GVRM 050NSA1BF | GVRM 060NSA1BF | GVRM 080NSA1BF | GVRM 100NSA1BF |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Refrigerant | R410A | | | | | | | | |
| Supply Voltage of Unit | 220V/1PH/50~60Hz | | | | 380V/3Ph/50~60Hz | | | | |
| Type of Refrigerant Oil | FV50S | | | | | | | | |
| Number of Fan | 1 | | | | 2 | | | | |
| Diameter of Fan (mm) | 500 | | | | | | | | |
| Fan Speed Range (rpm) | 300~850 | | | | | | | | |
| Maximum Air Volume (m ³ /h) | 4030 | | | | 7060 | | | | |
| Reservoir Volume (L) | 4.5 | | | | 8.8 | | | | |
| Evaporating Temperature Range | -15~10 | | | | | | | | |
| Noise of Unit dBA@1m | 52 | 52 | 53 | 53 | 56 | 56 | 59 | 60 | 60 |
| Maximum Running Current (A) | 14 | 20 | 23 | 33 | 17 | 20 | 22 | 27 | 28 |
| Diameter of Suction Pipe (Inch) | 1/2 | | | 5/8 | | 3/4 | | | |
| Diameter of Liquid Pipe (Inch) | 3/8 | | | | 1/2 | | | | |
| Dimensions (L x W x H) (mm) | 1064 X 424 X 802 | | | | 1064 X 448 X 1358 | | | | |
| Weight (kg) | 93 | 93 | 95 | 97 | 142 | 142 | 146 | 150 | |