



SUBMITTAL DATA – VRF Outdoor Unit

MVC-280WV2WN1

VRF COOL ONLY

Job: _____

Engineer: _____

Location: _____

Architect: _____

Schedule No.: _____

Date: _____

System Designation: _____

For: Reference Approval Review Construction

FEATURES

- All DC Inverter Technology
- Floating Evaporating Temperature
- Multi Silent Mode
- Back Up Operation
- Selectable High ESP (Optional)
- Wide Application Range
- Capacity Output Limitation
- Multi Priority Mode
- Auto Dust Cleaning (Optional)
- Anti-corrosion Protection (Optional)
- Auto Addressing
- Intelligent Duty Cycle Operation
- Real-time Refrigerant Amount Monitoring
- Auto Refrigerant Charging (Optional)

SPECIFICATIONS

PERFORMANCE

| | | |
|-------------------------------|---------|--------|
| Cooling Capacity ¹ | Btu/h | 95,600 |
| EER | Btu/W*h | 13.4 |
| Power Input | kW | 7.10 |
| Heating Capacity ¹ | Btu/h | / |
| COP | Btu/W*h | / |
| Power Input | kW | / |

ELECTRICAL DATA

| | | |
|--------------------------|---------|------------------|
| Power Supply | V/Ph/Hz | 220V,3Ph,50/60Hz |
| Minimum Circuit Ampacity | A | 42.8 |
| Total Over-current Amps. | A | 48.8 |
| Max. Fuse Amps. | A | 50.0 |
| Compressor RLA | A | 36.23 |
| No. of Compressors | / | 1 |
| Outdoor Fan Power Input | W | 560 |
| Outdoor Fan FLA | A | 3.8 |

GENERAL DATA

| | | |
|----------------------------|------------------------|---------------|
| Connection Ratio | % | 50% to 130% |
| Max. # of Indoor Units | / | 16 |
| Sound Pressure Level | dB(A) | 58 |
| Outdoor Fan Air Volume | m ³ /h(CFM) | 10,400(6,121) |
| Refrigerant type | / | R410A |
| Factory refrigerant charge | kg(lbs.) | 8(17.6) |

DIMENSIONS

| | | |
|-------------------------|----------|---------------|
| Unit Dimensions mm(in.) | Height | 1615(63-9/16) |
| | Width | 960(37-13/16) |
| | Depth | 765(30-1/8) |
| Liquid Pipe Connection | mm(in.) | Φ12.7 (Φ1/2) |
| Gas Pipe Connection | mm(in.) | Φ25.4 (Φ1) |
| Net Weight | kg(lbs.) | 193 (425) |
| Shipping Weight | kg(lbs.) | 209 (461) |



OPTIONAL ACCESSORIES

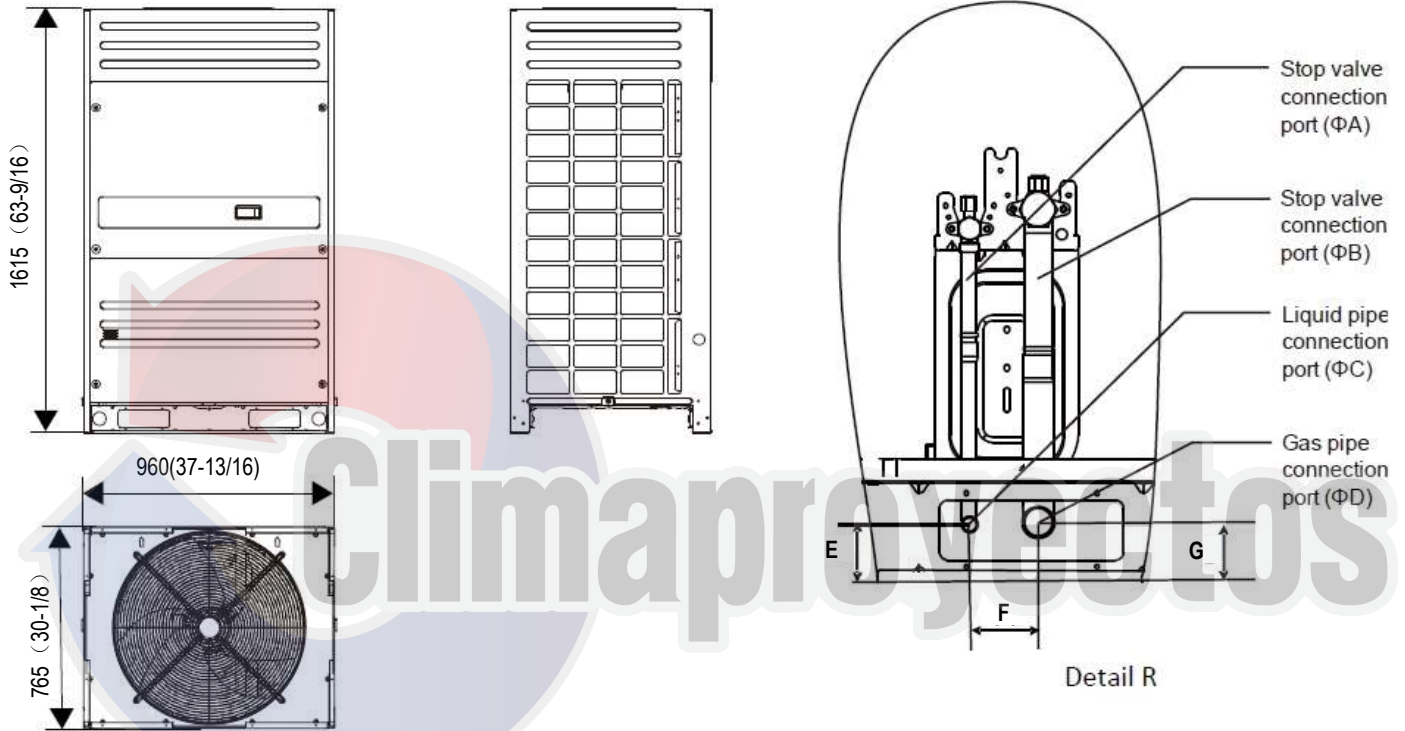
1. Cooling and Heating Capacity data is rated at the following conditions:

Cooling: 80.6°FDB / 66.2°FWB Indoor, 95°FDB Outdoor;

Heating: 68°FDB Indoor, 44.6°FDB / 42.8°FWB Outdoor;

NOTE – Due to Midea' ongoing commitment to quality, Specifications, Ratings and Dimensions subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service or maintenance can cause property damage or personal injury. Installation and service must be performed by a qualified installer and servicing agency.

DIMENSION mm(in.)



| A | B | C | D | E | F | G |
|-------------|-----------|-------------|-----------|--------------|------------|--------------|
| Φ12.7(1/2") | Φ25.4(1") | Φ12.7(1/2") | Φ25.4(1") | 63(2-15/32") | 74(2-7/8") | 64(2-17/32") |