



Tropical Series

SUBMITTAL DATA – VRF OUTDOOR UNIT

CTVS-EMO-C-230-C-CE-DC-1

VRF COOLING ONLY

| | |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Job: | Engineer: |
| Location: | Architect: |
| Schedule No.: | Date: |
| System Designation: | For: <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Review <input type="checkbox"/> 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 | 228,800 |
| EER | Btu/W*h | 11.4 |
| Power Input | kW | 20.1 |
| 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 | 91.0 |
| Total Over-current Amps. | A | 107.0 |
| Max. Fuse Amps. | A | 100.0 |
| Compressor RLA | A | 37.7+37.5 |
| No. of Compressors | / | 2 |
| Outdoor Fan Power Input | W | 560+560 |
| Outdoor Fan FLA | A | 9.2 |

GENERAL DATA

| | | |
|----------------------------|------------------------|----------------|
| Connection Ratio | % | 50% to 130% |
| Max. # of Indoor Units | / | 39 |
| Sound Pressure Level | dB(A) | 64 |
| Outdoor Fan Air Volume | m ³ /h(CFM) | 19,600(11,536) |
| Refrigerant type | / | R410A |
| Factory refrigerant charge | kg(lbs.) | 19(41.9) |

DIMENSIONS

| | | |
|-------------------------|----------|----------------|
| Unit Dimensions mm(in.) | Height | 1615(63-9/16) |
| | Width | 1585(62-3/8) |
| | Depth | 765(30-1/8) |
| Liquid Pipe Connection | mm(in.) | Φ19.1(Φ3/4) |
| Gas Pipe Connection | mm(in.) | Φ31.8 (Φ1-1/4) |
| Net Weight | kg(lbs.) | 352 (776) |
| Shipping Weight | kg(lbs.) | 376 (829) |



OPTIONAL ACCESSORIES

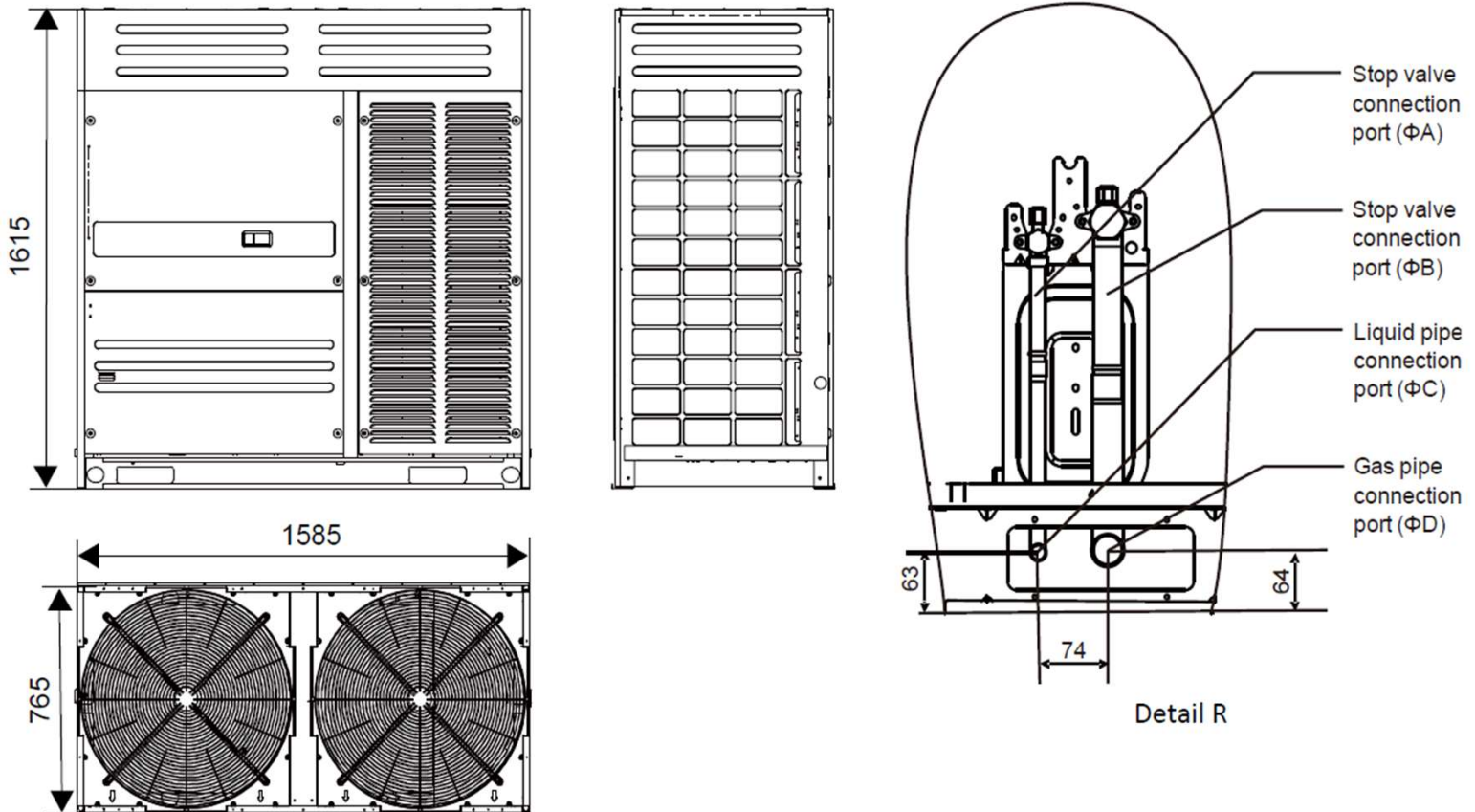
1. Cooling and Heating Capacity data is rated at the following conditions:

Cooling: 80.6 ° F DB / 66.2° F WB Indoor, 95° F DB Outdoor;

Heating: 68° FDB Indoor, 44.6° F DB / 42.8° F WB Outdoor;

Note – Due to Comfort Time ongoing commitment to quality, specifications, ratings and dimensions are subject to change without notice and without incurring liability. Improper installation, adjustment, alteration, service, Maintenance and operation may cause property damage or personal injury. Installation, service and operation must be performed by a qualified installer, servicing and operation agency.

DIMENSIONAL DRAWINGS - INCHES (MM)



| A | B | C | D | E | F | G |
|-------------|---------------|-------------|---------------|--------------|------------|--------------|
| Φ19.1(3/4") | Φ35.0(1-3/8") | Φ19.1(3/4") | Φ31.8(1-1/4") | 63(2-15/32") | 74(2-7/8") | 64(2-17/32") |