



*Tropical Series*

# SUBMITTAL DATA – VRF OUTDOOR UNIT

CTVS-EMO-C-171-C-CE-DC-1

VRF COOLING ONLY

<b>Job:</b>	<b>Engineer:</b>
<b>Location:</b>	<b>Architect:</b>
<b>Schedule No.:</b>	<b>Date:</b>
<b>System Designation:</b>	<b>For:</b> <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 <sup>1</sup>	Btu/h	170,800
EER	Btu/W*h	12.5
Power Input	kW	13.7
Heating Capacity <sup>1</sup>	Btu/h	/
COP	Btu/W*h	/
Power Input	kW	/

### ELECTRICAL DATA

Power Supply	V/Ph/Hz	220V,3Ph,50/60Hz
Minimum Circuit Ampacity	A	85.5
Total Over-current Amps.	A	98.0
Max. Fuse Amps.	A	100.0
Compressor RLA	A	37.4+37.2
No. of Compressors	/	2
Outdoor Fan Power Input	W	560+560
Outdoor Fan FLA	A	8.0

### GENERAL DATA

Connection Ratio	%	50% to 130%
Max. # of Indoor Units	/	29
Sound Pressure Level	dB(A)	62
Outdoor Fan Air Volume	m <sup>3</sup> /h(CFM)	12,000(7,063)
Refrigerant type	/	R410A
Factory refrigerant charge	kg(lbs.)	13(28.7)

### DIMENSIONS

Unit Dimensions mm(in.)	Height	1615(63-9/16)
	Width	1250(49-3/16)
	Depth	765(30-1/8)
Liquid Pipe Connection	mm(in.)	Φ15.9 (Φ5/8)
Gas Pipe Connection	mm(in.)	Φ31.8 (Φ1-1/4)
Net Weight	kg(lbs.)	296 (653)
Shipping Weight	kg(lbs.)	313 (690)



## OPTIONAL ACCESSORIES

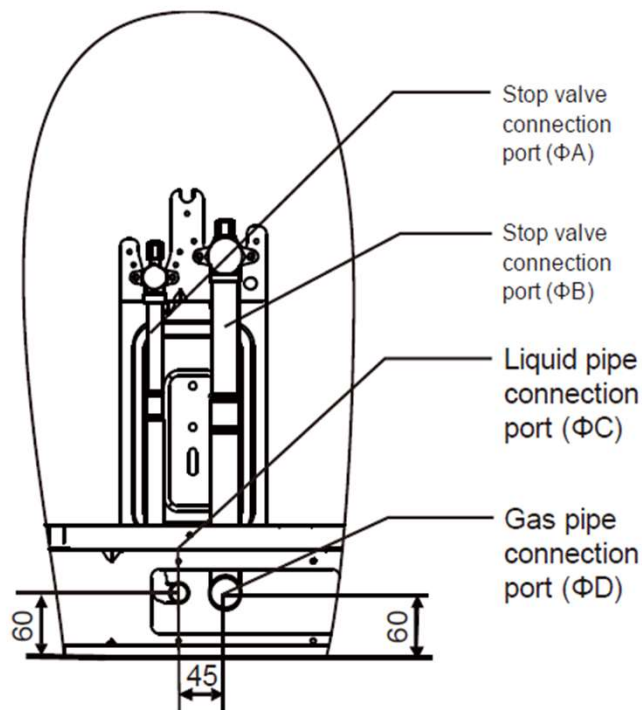
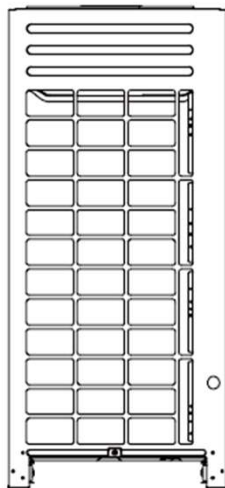
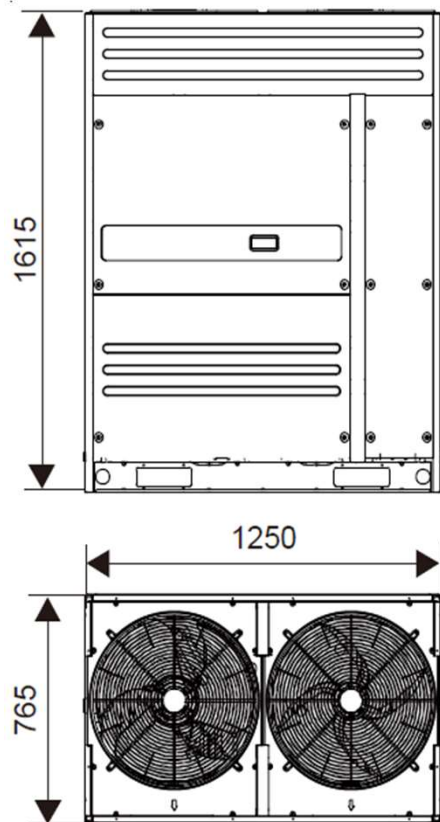
1. Cooling and Heating Capacity data is rated at the following conditions:

**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 properly damage on personal injury. Installation, service and operation must be performed by a qualified installer, servicing and operation agency.

## DIMENSIONAL DRAWINGS - INCHES (MM)



Detail R

A	B	C	D	E	F	G
Φ15.9(5/8")	Φ28.6(1-1/8")	Φ15.9(5/8")	Φ31.8(1-1/4")	60(2-3/8")	45(1-3/4")	60(2-3/8")