

*Tropical Series*

SUBMITTAL DATA – VRF OUTDOOR UNIT

CTVS-EMO-C-210-C-CE-DC-1

VRF COOLING ONLY

Job:Location:Schedule No.:System Designation:Engineer:Architect:Date: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	210,000
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EER	Btu/W*h	10.7
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Power Input	kW	19.65
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Heating Capacity ¹	Btu/h	/
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COP	Btu/W*h	/
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Power Input	kW	/
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ELECTRICAL DATA

Power Supply	V/Ph/Hz	220V,3Ph,50/60Hz
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Minimum Circuit Ampacity	A	86.5
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Total Over-current Amps.	A	98.5
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Max. Fuse Amps.	A	100.0
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Compressor RLA	A	38.6+38.4
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No. of Compressors	/	2
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Outdoor Fan Power Input	W	560+560
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Outdoor Fan FLA	A	8.5
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GENERAL DATA

Connection Ratio	%	50% to 130%
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Max. # of Indoor Units	/	36
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Sound Pressure Level	dB(A)	63
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Outdoor Fan Air Volume	m ³ /h(CFM)	12,200(7,181)
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Refrigerant type	/	R410A
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Factory refrigerant charge	kg(lbs.)	13(28.7)
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DIMENSIONS

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

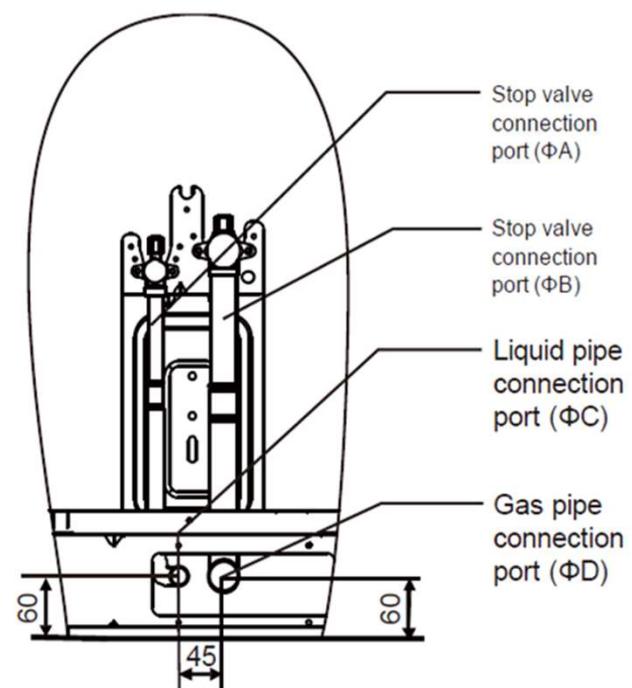
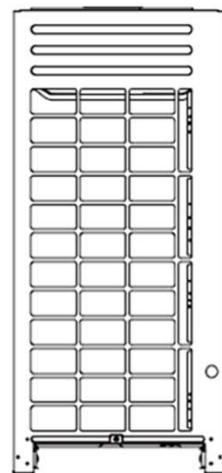
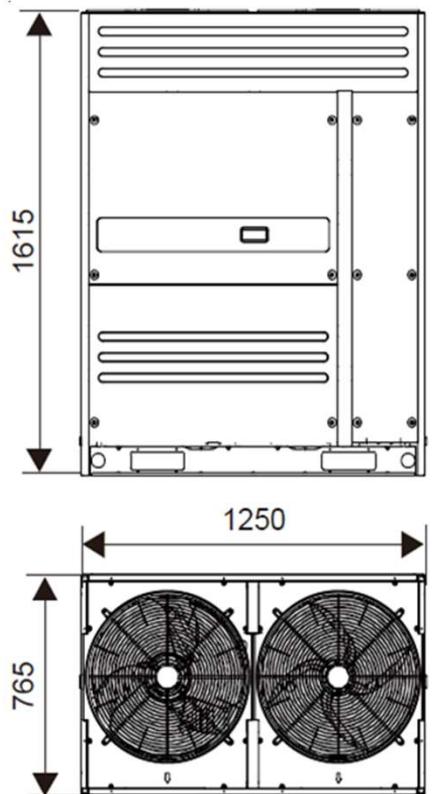
Heating: 68° FDB Indoor, 44.6° F DB / 42.8° F WB Outdoor;



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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")