



# SUBMITTAL DATA – VRF OUTDOOR UNIT

## CTVS-ESD-H-086-C-CE-DC-1

### VRF SIDE DISCHARGE HEAT PUMP (Non modular)

<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

- Compact design, saving space and simplifying installation
- High efficiency by using DC inverter compressor and DC fan motor
- 1 to 11 indoor units connection
- Wide Application Range: cooling -5°C to 48 °C; heating -15°C to 24 °C
- Precise Oil Control Technology
- Advanced Silence Technology

## SPECIFICATIONS

### PERFORMANCE

Cooling Capacity <sup>1</sup>	W	25,200
	Btu/h	86,000
EER	Kw/Kw	3.71
Power Input	Kw	6.8
Heating Capacity <sup>1</sup>	W	27,000
COP	Kw/Kw	4.22
Power Input	Kw	6.4

### ELECTRICAL DATA

Power Supply	(V/Hz/Ph)	220/60/3
Minimum Circuit Ampacity	Amp	35
Total Over-current Amps	Amp	37.8
Max. Fuse Amps	Amp	40
Compressor RLA	Amp	28
No. of Compressors		1
Outdoor Fan Power Input	W	170+170
Outdoor Fan FLA	Amp	2.1+1.7

### GENERAL DATA

Connection Ratio	%	50% to 130%
Max. # of Indoor Units		11 units
Sound Pressure Level	dB(A)	58
Outdoor Fan Air Volume	cfm	6173
Refrigerant type		R-410A
Factory refrigerant charge	lbs	13.67

### DIMENSIONS

Unit Dimensions	Height	inch	61-3/8"
		mm	1,558
	Width	inch	44"
		mm	1,120
	Depth	inch	20-3/4"
		mm	528
Liquid Pipe Connection		inch	3/8"
Gas Pipe Connection		inch	7/8"
Shipping Weight		lb	359
		Kg	162.8
Net Weight		lb	324
		Kg	147.0



### Notes

1. Cooling and Heating Capacity data is rated at the following conditions:
2. Cooling: 81°FDB / 66°FWB Indoor, 95°FDB Outdoor  
Heating: 68°FDB Indoor, 45°FDB / 43°FWB Outdoor

## DIMENSIONAL DRAWINGS - (MM)

