



SUBMITTAL DATA – VRF OUTDOOR UNIT

CTVS-EMV-H-027-A-CE-DC-1

MINI VRF HEAT PUMP

Job: _____ **Engineer:** _____
Location: _____ **Architect:** _____
Schedule No.: _____ **Date:** _____
System Designation: _____ **For:** **Reference** **Approval** **Review** **Construction**

FEATURES

- Compact design, saving space and simplifying installation
- High efficiency by using DC inverter compressor and DC fan motor
- 1 to 4 indoor units connection
- Wide Application Range: cooling - -5°C to 55 °C; heating - -15°C to 27 °C

Model		CTVS-EMV-H-027-A-CE-DC-1	
Cooling ¹	Capacity	kW	8
		Btu/h	27,297
	Input	kW	2
		Btu/W*h	13.6
		kW/ kW	4
Heating ²	Capacity	kW	9
		Btu/h	30,709
	Input	kW	1.95
		Btu/W*h	15.8
		kW/ kW	4.62
Connectable indoor unit	Total capacity	50~130% of outdoor unit capacity	
	Quantity	1~4	
Compressor	Type	DC inverter	
	Quantity	1	
Fan motor	Type	DC	
	Quantity	1	
Outdoor air flow	m ³ /h	3700	
	CFM	2,178	
Sound pressure level ³	dB(A)	54	
Net/Packed dimensions (W×H×D)	mm	982×712×426	
	inch	38.6 x 28 x 16.8	
Packed dimensions (W×H×D)	mm	1,048×810×485	
	inch	41.3 x 31.9 x 19.1	
Net/Gross weight	kg	53 / 57.5	
	Lbs	116.8 / 126.8	
Refrigerant type/factory charge	kg	R410A/2.2	
Liquid/Gas pipe	mm	Φ9.53/Φ15.9	
	inch	3/8" / 5/8"	
Minimum Circuit Amps (MCA)	A	21.25	
Recommended Fuse Size (MFA)	A	25	



Notes:

1. Indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

DIMENSIONAL DRAWINGS - (MM)
