



SUBMITTAL DATA – VRF OUTDOOR UNIT

CTVS-EMV-H-060-A-CE-DC-1

MINI VRF HEAT PUMP 1-phase, 220-240V, 50/60Hz

Job:

Location:

Schedule No.:

System Designation:

Engineer:

Architect:

Date:

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 9 indoor units connection
- Wide Application Range: cooling - -5°C to 55 °C; heating - -15°C to 27 °C

Model		CTVS-EMV-H-060-A-CE-DC-1	
Cooling ¹	Capacity	kW	17.5
		Btu/h	59,712
	Input	kW	6.12
	EER	Btu/ W*h	9.8
		kW/ kW	2.86
Heating ²	Capacity	kW	19.5
		Btu/h	66,537
	Input	kW	5.57
	COP	Btu/ W*h	3.9
		kW/ kW	11.95
Connectable indoor unit	Total capacity		50~130% of outdoor unit capacity
	Quantity		1~9
Compressor	Type	DC inverter	
	Quantity	1	
Fan motor	Type	DC	
	Quantity	1	
Outdoor air flow	m ³ /h	5300	
	CFM	3,120	
Sound pressure level ³	dB(A)	57	
Net/Packed dimensions (W×H×D)	mm	1040 x 865 x 523	
	inch	40.9 x 34.1 x 20.6	
Packed dimensions (W×H×D)	mm	1120 x 980 x 560	
	inch	44.1 x 38.6 x 22	
Net/Gross weight	kg	91 / 99.5	
	Lbs	200 / 219	
Refrigerant type/factory charge	kg	R410A/4.6	
Liquid/Gas pipe	mm	Φ9.53/Φ19.1	
	inch	3/8" / 3/4"	
Minimum Circuit Amps (MCA)	A	40	
Recommended Fuse Size (MFA)	A	40	



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.

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 on personal injury.

Installation, service and operation must be performed by a qualified installer, servicing and operation agency.

DIMENSIONAL DRAWINGS - (MM)

