

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
	EER	Btu/W*h	13.6
		kW/ kW	4
Heating ²	Capacity	kW	9
		Btu/h	30,709
	Input	kW	1.95
	COP	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)

