

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

Model			CTVS-EMV-H-041-A-CE-DC-1
Cooling ¹	Capacity	kW	12
		Btu/h	40,946
	Input	kW	3.1
	EER	Btu/W*h	13.2
		kW/ kW	3.87
Heating ²	Capacity	kW	14
		Btu/h	47,770
	Input	kW	1.95
	COP	Btu/W*h	13.9
		kW/ kW	4.06
Connectable indoor unit	Total capacity		50~130% of outdoor unit capacity
	Quantity		1~7
Compressor	Type		DC inverter
	Quantity		1
Fan motor	Type		DC
	Quantity		1
Outdoor air flow		m ³ /h	5000
		CFM	2,943
Sound pressure level ³		dB(A)	56
Net/Packed dimensions (W×H×D)	mm		950 x 840 x 440
	inch		37.4 x 33.1 x 17.3
Packed dimensions (W×H×D)	mm		1025 x 950 x 510
	inch		40.4 x 37.4 x 20.1
Net/Gross weight	kg		83 / 92
	Lbs		183 / 202.8
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	35
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.

DIMENSIONAL DRAWINGS - (MM)

