

<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: "Reference" "Approval" "Review" "Construction"</b>	

## 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 <sup>1</sup>	Capacity	kW	17.5
		Btu/h	59,712
	Input	kW	6.12
	EER	Btu/W*h	9.8
		kW/ kW	2.86
Heating <sup>2</sup>	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 <sup>3</sup> /h	5300
		CFM	3,120
Sound pressure level <sup>3</sup>		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.

## DIMENSIONAL DRAWINGS - (MM)

