

**Job:** \_\_\_\_\_  
**Location:** \_\_\_\_\_  
**Schedule No.:** \_\_\_\_\_  
**System Designation:** \_\_\_\_\_

**Engineer:** \_\_\_\_\_  
**Architect:** \_\_\_\_\_  
**Date:** \_\_\_\_\_  
**For:**  **Reference**  **Approval**  **Review**  **Construction**

## FEATURES

- All DC Inverter Technology
- 7 Speed
- High-lift Drain Pump
- Wide Application Range
- Single Fan Motor
- Flexible Control and Easy Maintenance
- Heating and Cooling
- Convenient Installation

### PERFORMANCE

Nominal Cooling Capacity	Btu/h	47,800
	Kw	14
Nominal Heating Capacity	Btu/h	51,200
	Kw	15

### ELECTRICAL DATA

Power Supply	V/Ph/Hz	220-240/1/50-60
Power Input (10 Pa) Cooling	Kw	180
Power Input (10 Pa) Heating	Kw	180
Min. Voltage	Volts	198
Max. Voltage	Volts	264
MCA	Amp	1.70
MFA	Amp	15
Rated Motor Output	Kw	0.10 + 0.10
FLA	Amp	0.65 + 0.65

### GENERAL DATA

Airflow rate 3	m3/h (CFM)	1890 (1,112)
	m3/h (CFM)	1830 (1,077)
	m3/h (CFM)	1765 (1,039)
	m3/h (CFM)	1700 (1,000)
	m3/h (CFM)	1660 (977)
	m3/h (CFM)	1620 (953)
	m3/h (CFM)	1580 (930)
Sound pressure level 5	dB(A)	47
	dB(A)	46
	dB(A)	45
	dB(A)	45
	dB(A)	44
	dB(A)	43
	dB(A)	42
Dimmension	Net (mm)	1670×680×244
	Packed (mm)	1915×760×330
Weight Net/Gross	KG (Lbs)	48/58 105.9/127.9
Refrigerant type		R410A
Design pressure (H/L)	Mpa	4.4/2.6
Refrigerant Pipe Connections (inch)	Gas	5/8"
	Liquid	3/8"
Drain Pipe (OD)	mm	16



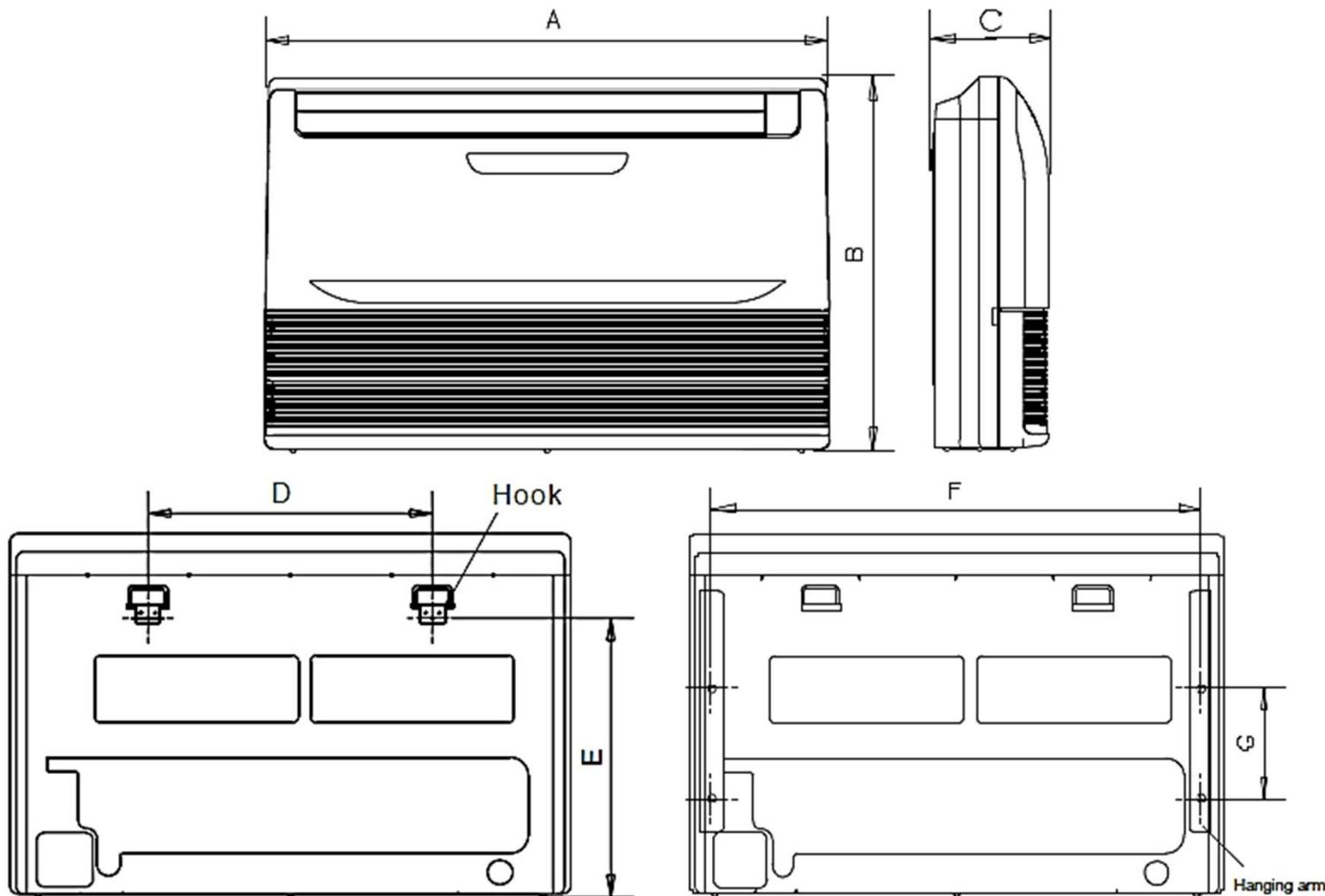
### Notes:

#### Notes:

1. Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
4. Sound pressure level is from highest level to lowest level, total 7 levels for each model. Sound pressure level is measured in a semi-anechoic chamber.
5. Unit body dimensions given are the largest external dimensions of the unit, including hanger attachments.

### OPTIONAL ACCESSORIES

Wireless Thermostat CTVS-C-WL05B (not included)

**DIMENSIONAL DRAWINGS - INCHES (MM)**


Model	Dimensions							Connections			
	(mm)							Gas Pipe		Liquid Pipe	
	A	B	C	D	E	F	G	mm	inch	mm	inch
CTVS-IPT-X-012-A-CE-DC-1								Φ12.7	Φ 1/2"	Φ6.35	Φ 1/4"
CTVS-IPT-X-015-A-CE-DC-1	990	660	203	505	506	907	200				
CTVS-IPT-X-019-A-CE-DC-1											
CTVS-IPT-X-024-A-CE-DC-1											
CTVS-IPT-X-027-A-CE-DC-1	1,280	660	203	795	506	1,195	200	Φ15.9	Φ 5/8"	Φ9.53	Φ 3/8"
CTVS-IPT-X-031-A-CE-DC-1											
CTVS-IPT-X-038-A-CE-DC-1											
CTVS-IPT-X-048-A-CE-DC-1	1,670	680	244	1,070	450	1,542	200				
CTVS-IPT-X-055-A-CE-DC-1											

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 or personal injury.

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