

**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

## SPECIFICATIONS

### PERFORMANCE

Nominal Cooling Capacity	Btu/h	47,800
	Kw	14
Nominal Heating Capacity	Btu/h	54,600
	Kw	16

### ELECTRICAL DATA

Power Supply	V/Ph/Hz	220-240/1/50-64
Power Input (10 Pa) Cooling	Kw	170
Power Input (10 Pa) Heating	Kw	170
Min. Voltage	Volts	198
Max. Voltage	Volts	264
MCA	Amp	1.20
MFA	Amp	15
Rated Motor Output	Kw	0.17
FLA	Amp	0.96

### GENERAL DATA

Airflow rate 3	m3/h (CFM)	1800 (1059)
	m3/h (CFM)	1650 (971)
	m3/h (CFM)	1500 (883)
	m3/h (CFM)	1300 (765)
	m3/h (CFM)	1250 (736)
	m3/h (CFM)	1200 (706)
	m3/h (CFM)	1150 (677)
Sound pressure level 5	dB(A)	45
	dB(A)	44
	dB(A)	42
	dB(A)	41
	dB(A)	40
	dB(A)	39
	dB(A)	37
Body Net/Gross weight	KG (Lbs)	30.7 (67.7)/65.8 (78.9)
Panel Net/Gross weight	KG (Lbs)	5.8 (12.9)/7.9 (17.4)
Refrigerant type		R410A
Design pressure (H/L)	Mpa	4.4 / 2.6
Refrigerant Pipe Connections (inch)	Gas	3/8"
	Liquid	5/8"
Drain Pipe	inch	1-17/64"



### 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. 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 1.4m below the unit 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)

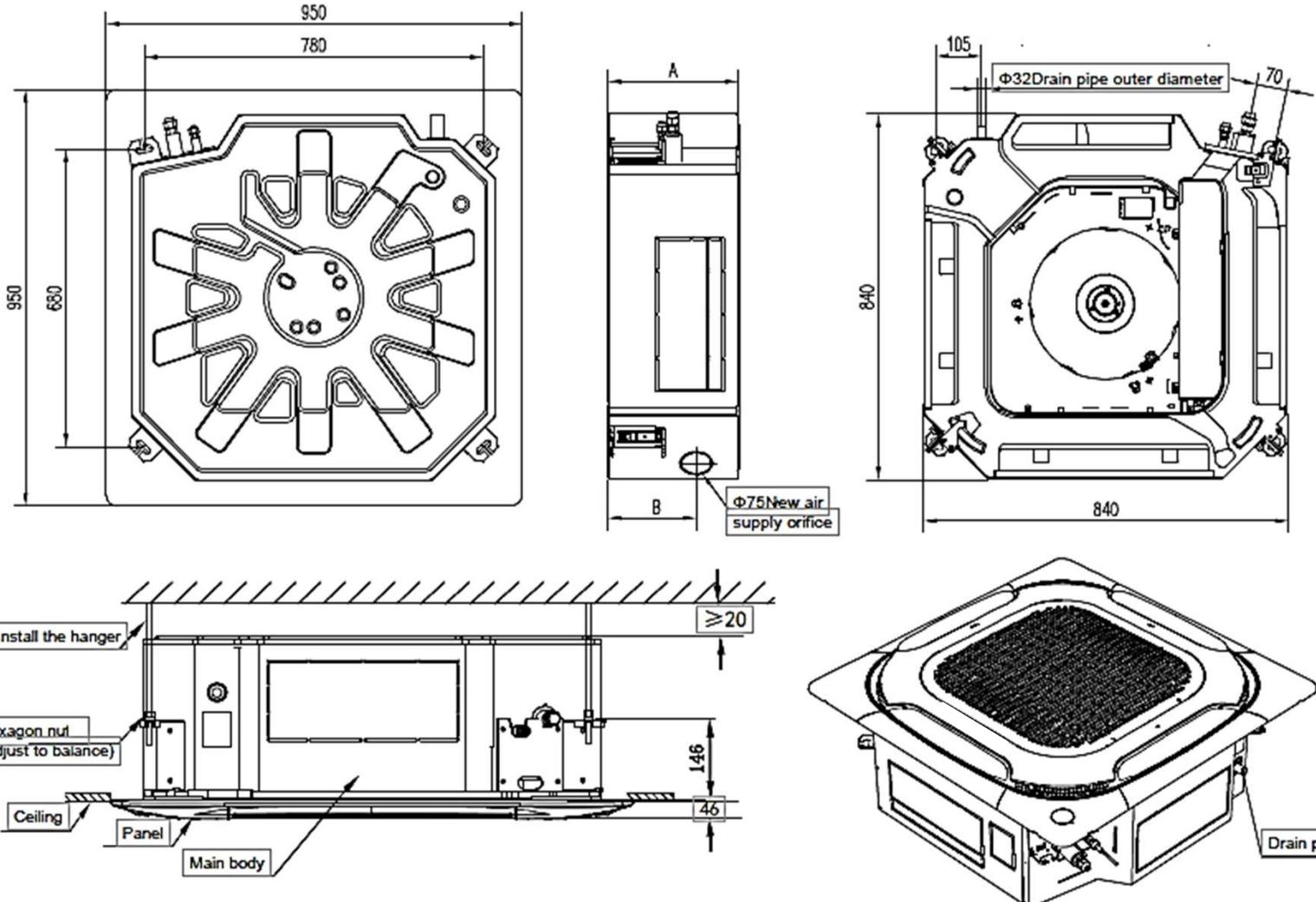


Table 2.1: Four-way Cassette dimensions

Model names	Dimensions (mm)	
	A	B
CTVS-I4C-X-010-A-CE-DC-1		
CTVS-I4C-X-012-A-CE-DC-1		
CTVS-I4C-X-015-A-CE-DC-1	230	126
CTVS-I4C-X-019-A-CE-DC-1		
CTVS-I4C-X-024-A-CE-DC-1		
CTVS-I4C-X-027-A-CE-DC-1		
CTVS-I4C-X-030-A-CE-DC-1		
CTVS-I4C-X-034-A-CE-DC-1	300	197
CTVS-I4C-X-038-A-CE-DC-1		
CTVS-I4C-X-048-A-CE-DC-1		
CTVS-I4C-X-055-A-CE-DC-1	300	200

Table 2.2: Four-way Cassette piping connections

Model names	Gas pipe mm (inch)	Liquid pipe mm (inch)
CTVS-I4C-X-010-A-CE-DC-1		
CTVS-I4C-X-012-A-CE-DC-1	Φ12.7 (1/2")	Φ6.35 (1/4")
CTVS-I4C-X-015-A-CE-DC-1		
CTVS-I4C-X-019-A-CE-DC-1		
CTVS-I4C-X-024-A-CE-DC-1		
CTVS-I4C-X-027-A-CE-DC-1		
CTVS-I4C-X-030-A-CE-DC-1		
CTVS-I4C-X-034-A-CE-DC-1		
CTVS-I4C-X-038-A-CE-DC-1		
CTVS-I4C-X-048-A-CE-DC-1	Φ15.9 (5/8")	Φ9.53 (3/8")
CTVS-I4C-X-055-A-CE-DC-1		