

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

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

## FEATURES

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

## SPECIFICATIONS

### PERFORMANCE

Nominal Cooling Capacity	Btu/h	47,800
	Kw	14
Nominal Heating Capacity	Btu/h	52,900
	Kw	15.5



### ELECTRICAL DATA

Power Supply	V/Ph/Hz	220-240/1/50-60
Power Input (10 Pa) Cooling	Kw	250
Power Input (10 Pa) Heating	Kw	250
Min. Voltage	Volts	198
Max. Voltage	Volts	264
MCA	Amp	2.60
MFA	Amp	15
Rated Motor Output	Kw	0.24
FLA	Amp	2.08

### GENERAL DATA

Speed (H/M/L)	RPM	1,060
	RPM	1010
	RPM	960
	RPM	910
	RPM	860
	RPM	810
	RPM	760
Airflow rate 3	m3/h (CFM)	1960 (1153)
	m3/h (CFM)	1860 (1095)
	m3/h (CFM)	1760 (1036)
	m3/h (CFM)	1660 (977)
	m3/h (CFM)	1560 (918)
	m3/h (CFM)	1460 (859)
	m3/h (CFM)	1360 (800)
External static pressure 4	Pa	40 (30~150)
Sound pressure level 5	dB(A)	41
	dB(A)	39
	dB(A)	38
	dB(A)	37
	dB(A)	36
	dB(A)	35
	dB(A)	33
Dimmension	Net (mm)	1290x300x865
	Packed (mm)	1400x375x925
Net/Gross weight	KG (Lbs)	46.5 / 55.5 (102.5/122.4)
Refrigerant type		R410A
Design pressure (H/L)	Mpa	4.4 / 2.6
Refrigerant Pipe Connections (inch)	Gas	3/8"
	Liquid	3/4"
Drain Pipe	inch	1"

### 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. Stable operation external static pressure range. (Note: setting external static pressure outside the unit's optimal static pressure range may lead to higher noise levels and lower airflow rate. For the optimal external static pressure range refer to the unit's installation manual.)
5. 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.

## OPTIONAL ACCESSORIES

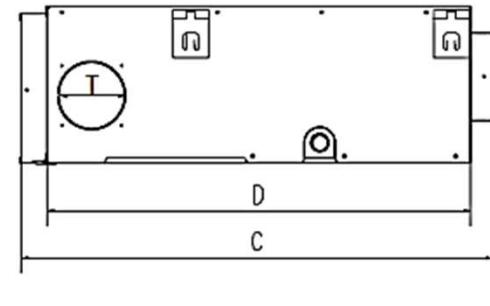
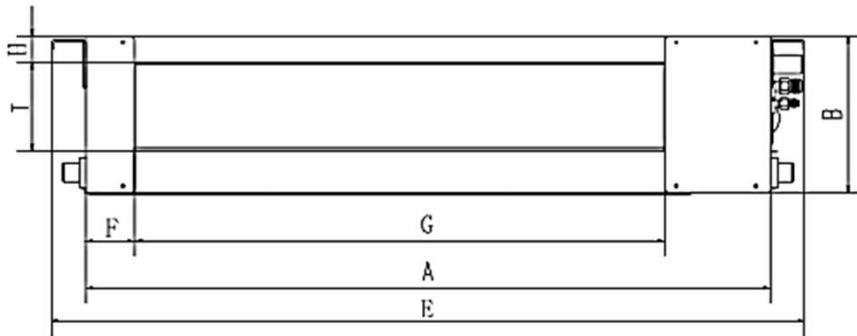
Wired Thermostat CTVS-C-WR86E/KD (not included)

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 properly damage on personal injury.

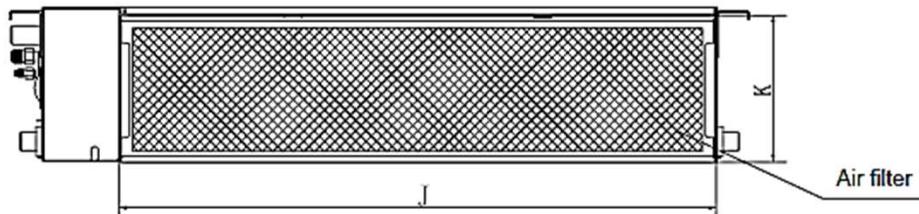
Installation, service and operation must be performed by a qualified installer, servicing and operation agency.

## DIMENSIONAL DRAWINGS - INCHES (MM)

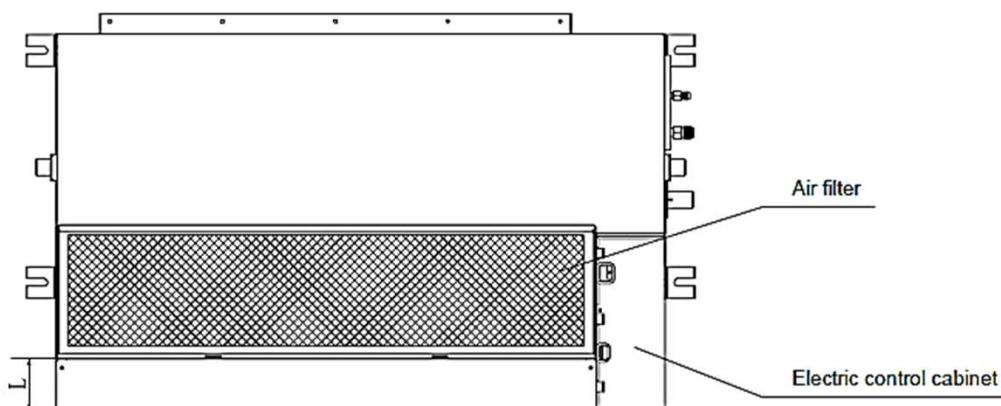
Outline dimension and air outlet opening size



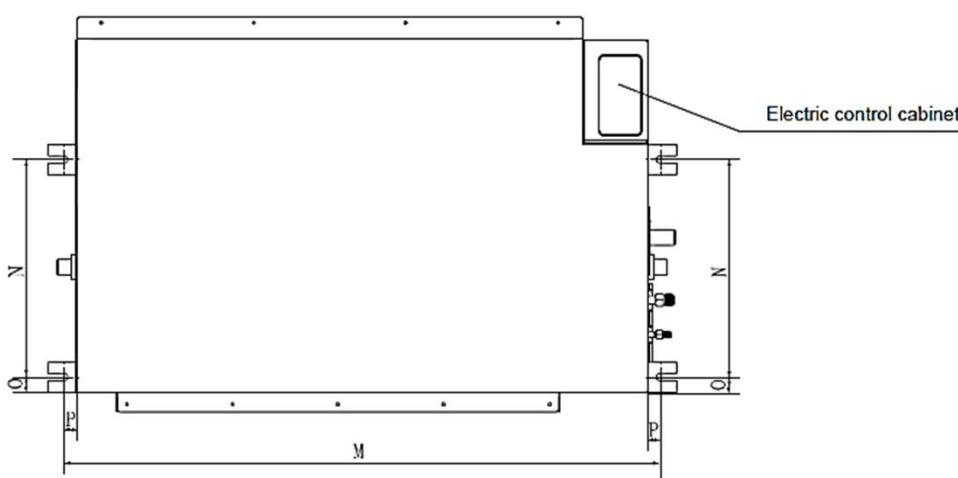
Air return opening size



Position size of descensional ventilation opening



Size of mounted lug



	mm
A	1,200
B	300
C	865
D	800
E	1,290
F	85
G	969
H	40
I	204
J	1,094
K	288
L	45
M	1,240
N	500
O	26
P	20