

**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	38,200
	Kw	11.2
Nominal Heating Capacity	Btu/h	42,700
	Kw	12.5



### ELECTRICAL DATA

Power Supply	V/Ph/Hz	220-240/1/50-60
Power Input (10 Pa) Cooling	Kw	380
Power Input (10 Pa) Heating	Kw	380
Min. Voltage	Volts	198
Max. Voltage	Volts	264
MCA	Amp	2.20
MFA	Amp	15
Rated Motor Output	Kw	0.31
FLA	Amp	2.30

### GENERAL DATA

Airflow rate 3	m3/h (CFM)	1870 (1100)
	m3/h (CFM)	1783 (1049)
	m3/h (CFM)	1697 (999)
	m3/h (CFM)	1610 (947)
	m3/h (CFM)	1523 (896)
	m3/h (CFM)	1437 (846)
	m3/h (CFM)	1350 (794)
Sound pressure level 5	dB(A)	48
	dB(A)	47
	dB(A)	46
	dB(A)	45
	dB(A)	43
	dB(A)	42
	dB(A)	41
Dimmension	Net (mm)	965×423×690
	Packed (mm)	1090×440×768
Body Net/Gross weight	KG (Lbs)	48/55 (105.8/121.3)
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"

### 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)



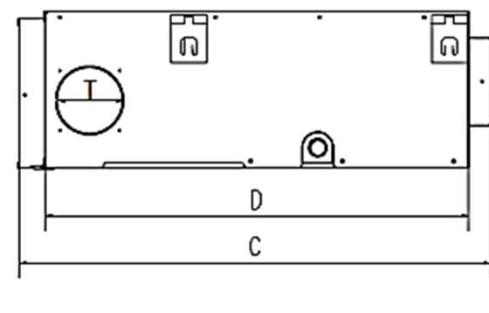
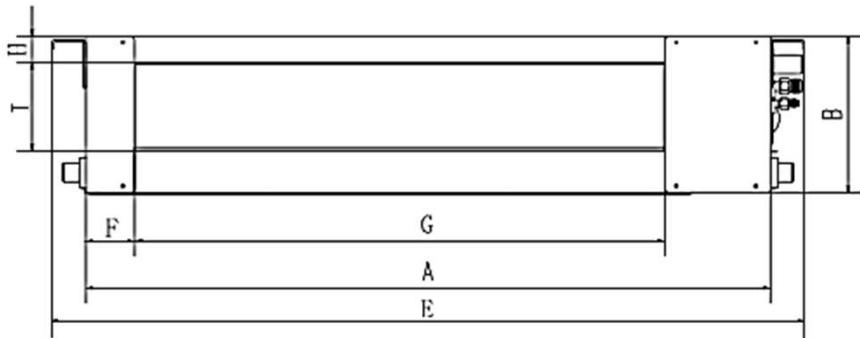
## SUBMITTAL DATA – VRF INDOOR UNIT

**CTVS-IFM-X-038-A-CE-DC-1**

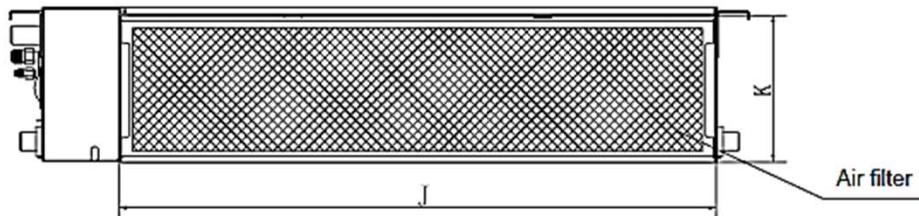
## Medium-high Static Pressure Fan Coils DC

## DIMENSIONAL DRAWINGS - INCHES (MM)

#### Outline dimension and air outlet opening size

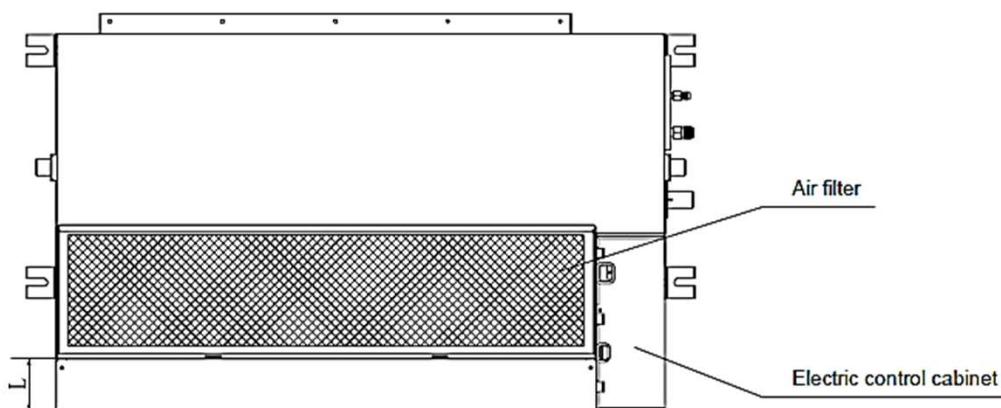


### Air return opening size

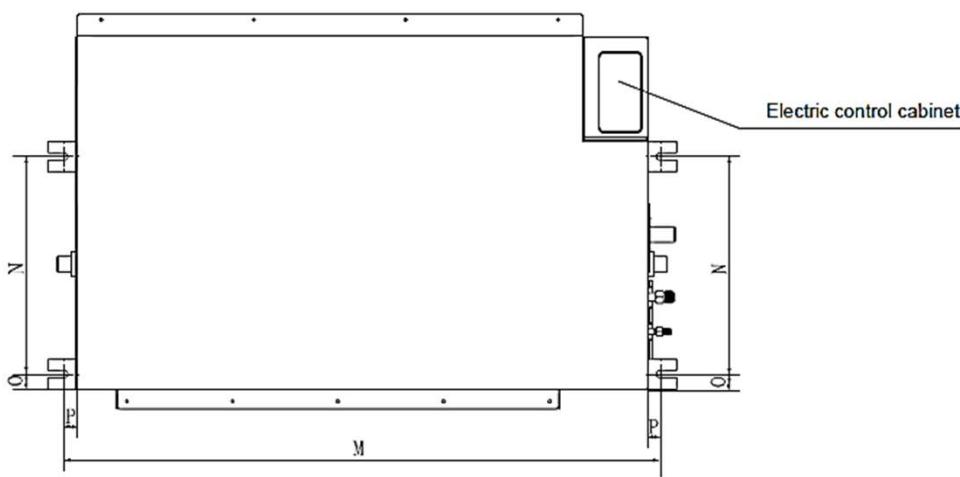


	mm
A	1,200
B	300
C	865
D	800
E	1,290
F	85
G	969
H	40
I	204
J	1,094
K	288
L	45
M	1,240
N	500
O	26
P	20

#### Position size of descensional ventilation opening



### Size of mounted lug



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.