

| | |
|----------------------------|--|
| Job: | Engineer: |
| Location: | Architect: |
| Schedule No.: | Date: |
| System Designation: | For: <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Review <input type="checkbox"/> Construction |

FEATURES

- All DC Inverter Technology
- 7 Speed
- High-lift Drain Pump
- Wide Application Range
- Single Fan Motor
- Two Blowers
- Flexible Control and Easy Maintenance
- Heating and Cooling
- 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 | Gas | 3/8" |
| | Liquid | 5/8" |
| Drain Pipe | inch | 1" |



Notes:

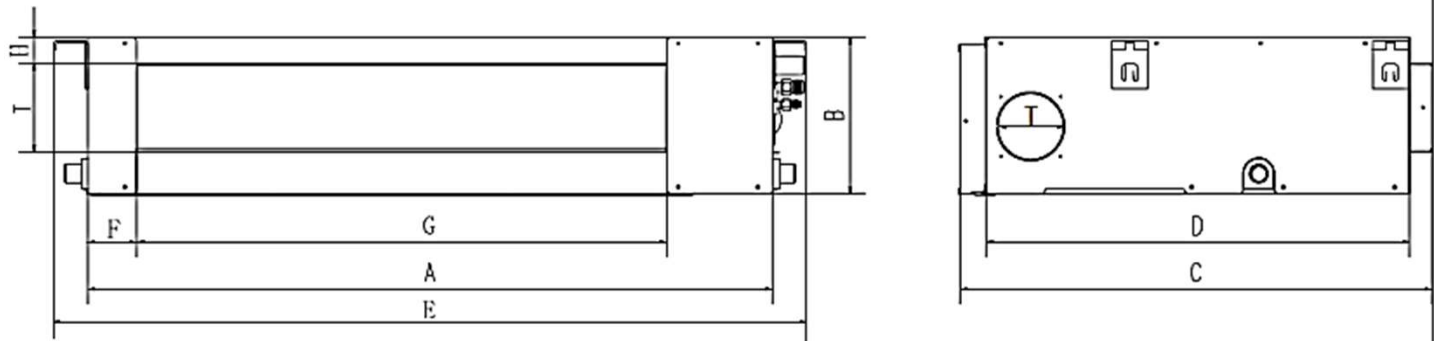
- Indoor temperature 27°C DB, 19°C WB; outdoor temperature 35°C DB; equivalent refrigerant piping length 7.5m with zero level difference.
- Indoor temperature 20°C DB; outdoor temperature 7°C DB, 6°C WB; equivalent refrigerant piping length 7.5m with zero level difference.
- Fan motor speed and air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
- 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.)
- 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

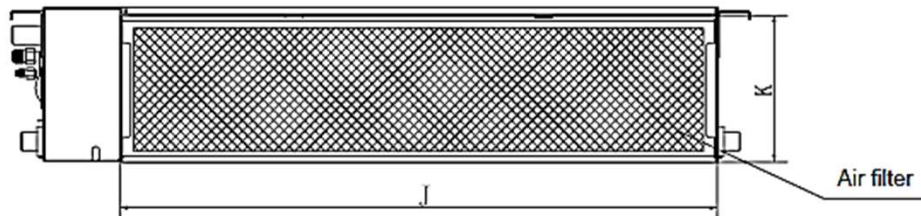
Wired Thermostat CTVS-C-WR86E/KD (not included)

DIMENSIONAL DRAWINGS - INCHES (MM)

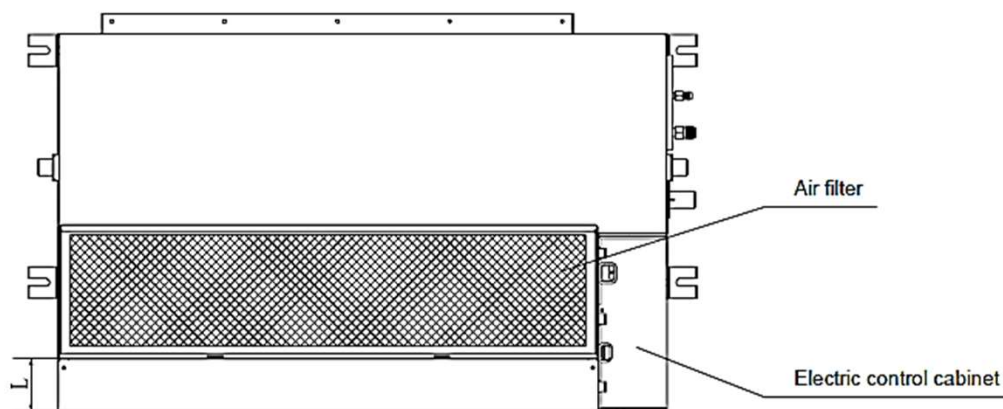
Outline dimension and air outlet opening size



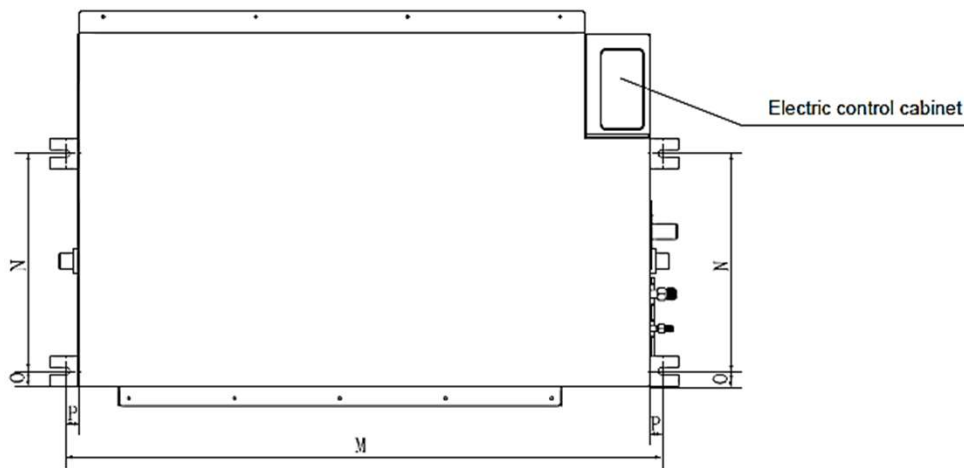
Air return opening size



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 |