

|                            |                                                                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| -----                      | <b>Engineer:</b>                                                                                                                                       |
| <b>Location:</b>           | <b>Architect:</b>                                                                                                                                      |
| <b>Schedule No.:</b>       | <b>Date:</b>                                                                                                                                           |
| <b>System Designation:</b> | <b>For:</b> <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
- Flexible Control and Easy Maintenance
- Heating and Cooling
- Convenient Installation

## SPECIFICATIONS

### PERFORMANCE

|                          |       |        |
|--------------------------|-------|--------|
| Nominal Cooling Capacity | Btu/h | 12,300 |
|                          | Kw    | 3.6    |
| Nominal Heating Capacity | Btu/h | 13,600 |
|                          | Kw    | 4.0    |

### ELECTRICAL DATA

|                             |         |                 |
|-----------------------------|---------|-----------------|
| Power Supply                | V/Ph/Hz | 220-240/1/50-60 |
| Power Input (10 Pa) Cooling | Kw      | 30              |
| Power Input (10 Pa) Heating | Kw      | 30              |
| Min. Voltage                | Volts   | 198             |
| Max. Voltage                | Volts   | 264             |
| MCA                         | Amp     | 0.39            |
| MFA                         | Amp     | 15              |
| Rated Motor Output          | Kw      | 0.02            |
| FLA                         | Amp     | 0.31            |

### GENERAL DATA

|                                     |             |              |
|-------------------------------------|-------------|--------------|
| Airflow rate 3                      | m3/h (CFM)  | 573 (337)    |
|                                     | m3/h (CFM)  | 531 (312)    |
|                                     | m3/h (CFM)  | 492 (290)    |
|                                     | m3/h (CFM)  | 456 (268)    |
|                                     | m3/h (CFM)  | 420 (247)    |
|                                     | m3/h (CFM)  | 364 (214)    |
|                                     | m3/h (CFM)  | 315 (185)    |
| Sound pressure level 5              | dB(A)       | 39           |
|                                     | dB(A)       | 38           |
|                                     | dB(A)       | 37           |
|                                     | dB(A)       | 36           |
|                                     | dB(A)       | 35           |
|                                     | dB(A)       | 35           |
|                                     | dB(A)       | 34           |
| Dimension Body                      | Net (mm)    | 1054×153×425 |
|                                     | Packed (mm) | 1155×245×490 |
| Body Net/Gross weight               | KG          | 12.3 / 15.8  |
|                                     | (Lbs)       | 27.1 / 34.8  |
| Panel Net/Gross weight              | KG (Lbs)    | 3.5 / 5.2    |
| Refrigerant type                    |             | R410A        |
| Design pressure (H/L)               | Mpa         | 4.4 / 2.6    |
| Refrigerant Pipe Connections (inch) | Gas         | 1/2"         |
|                                     | Liquid      | 1/4"         |
| Drain Pipe (OD)                     | mm          | 32           |



### 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.
- Air flow rate are from the highest speed to the lowest speed, total 7 rates for each model.
- 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.
- 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)**

