

**Job:** \_\_\_\_\_ **Engineer:** \_\_\_\_\_  
**Location:** \_\_\_\_\_ **Architect:** \_\_\_\_\_  
**Schedule No.:** \_\_\_\_\_ **Date:** \_\_\_\_\_  
**System Designation:** \_\_\_\_\_ **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 | 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      | 40              |
| Power Input (10 Pa) Heating | Kw      | 40              |
| Min. Voltage                | Volts   | 198             |
| Max. Voltage                | Volts   | 264             |
| MCA                         | Amp     | 0.48            |
| MFA                         | Amp     | 15              |
| Rated Motor Output          | Kw      | 0.037           |
| FLA                         | Amp     | 0.344           |

### GENERAL DATA

|                                     |            |                   |
|-------------------------------------|------------|-------------------|
| Airflow rate 3                      | m3/h (CFM) | 521 (307)         |
|                                     | m3/h (CFM) | 485 (285)         |
|                                     | m3/h (CFM) | 450 (265)         |
|                                     | m3/h (CFM) | 409 (241)         |
|                                     | m3/h (CFM) | 380 (224)         |
|                                     | m3/h (CFM) | 350 (206)         |
|                                     | m3/h (CFM) | 314 (185)         |
| Sound pressure level 5              | dB(A)      | 41                |
|                                     | dB(A)      | 38                |
|                                     | dB(A)      | 35                |
|                                     | dB(A)      | 32                |
|                                     | dB(A)      | 30                |
|                                     | dB(A)      | 29                |
|                                     | dB(A)      | 28                |
| Body Net/Gross weight               | KG         | 19.2/25.0         |
|                                     | (Lbs)      | (42.3/55.1)       |
| Panel Net/Gross weight              | KG (Lbs)   | 2.5/4.5 (5.5/9.9) |
| Refrigerant type                    |            | R410A             |
| Design pressure (H/L)               | Mpa        | 4.4 / 2.6         |
| Refrigerant Pipe Connections (inch) | Gas        | 1/4"              |
|                                     | Liquid     | 1/2"              |
| 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.
- 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)

