

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

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

### PERFORMANCE

Nominal Cooling Capacity	Btu/h	42,652
	Kw	12.5
Nominal Heating Capacity	Btu/h	35,827
	Kw	10.5

### ELECTRICAL DATA

Power Supply	V/Ph/Hz	220-240/1/50-60
Power Input (10 Pa) Cooling	Kw	480
Power Input (10 Pa) Heating	Kw	480
Min. Voltage	Volts	198
Max. Voltage	Volts	264
MCA	Amp	3.50
MFA	Amp	15
Rated Motor Output	Kw	0.31
FLA	Amp	2.80

### GENERAL DATA

Airflow rate 3	m3/h (CFM)	2000 (1177)
	m3/h (CFM)	1917 (1128)
	m3/h (CFM)	1833 (1079)
	m3/h (CFM)	1750 (1030)
	m3/h (CFM)	1667 (981)
	m3/h (CFM)	1583 (932)
	m3/h (CFM)	1500 (883)
External static pressure 4	Pa	150 (100~250)
Sound pressure level 5	dB(A)	48
	dB(A)	47
	dB(A)	46
	dB(A)	45
	dB(A)	44
	dB(A)	43
	dB(A)	42
Dimmension	Net (mm)	1322x493x691
	Packed (mm)	1436x450x768
Weight Net/Gross	KG	68/76
	(Lbs)	149.9/167.6
Refrigerant type		R410A
Design pressure (H/L)	Mpa	4.4/2.6
Refrigerant Pipe Connections (inch)	Gas	5/8"
	Liquid	3/8"
Drain Pipe (OD)	mm	25
Ambient Temperature Cooling	°C	20°C to 43°C
	°F	68°F to 109.4°F
Ambient Temperature Heating	°C	-5°C to 16°C
	°F	23°F to 60.8°F
Ambient Temperature Fan only	°C	16°C to 20°C
	°F	60.8°F to 68°F



### Notes:

1. Outdoor air temperature 33°C DB, 28°C WB; equivalent refrigerant piping length 8m with zero level difference.
2. Outdoor air temperature 0°C DB, -2.9°C WB; equivalent refrigerant piping length 8m with zero level difference.
3. 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.)
4. 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)**
