

Job Name: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Submitted to: \_\_\_\_\_  
Submitted by: \_\_\_\_\_  
Reference: \_\_\_\_\_

Date: \_\_\_\_\_  
Approval: \_\_\_\_\_  
Construction: \_\_\_\_\_  
Unit #: \_\_\_\_\_  
Drawing #: \_\_\_\_\_



**OUTDOOR UNIT FEATURES:**

- ◆ Multi positioning installation is able to fit in different type of projects and room structures
- ◆ 100% cooper pipe
- ◆ Low noise DC Fan Motor
- ◆ Optional electric heater



<b>Model name</b>			<b>CHV-18MPAHU</b>
<b>Ton</b>			<b>1.5</b>
Model power supply			AC 1 - Phase 208/230 V 60 Hz
Cooling operation	Nominal capacity	Btu/h	18,000
	Power consumption	kW	5.3
Heating operation	Nominal capacity	Btu/h	20,000
	Power consumption	kW	5.9
MCA (Minimum circuit ampacity)		A	2.27
MOP (Minimum overcurrent protection)		A	15
Air flow rate		CFM	600
Noise level		dB(A)	43/33 (Lo)
Outer dimension	Height	in	45
	Width	in	17 <sup>3</sup> / <sub>4</sub>
	Depth	in	20 <sup>7</sup> / <sub>8</sub>
Net weight		lbs	125
Refrigerant			R410A/R32
Refrigerant flow control			micro-computer control expansion valve
Piping connections			flare-nut connection (with flare nuts)
Refrigerant piping	Gas line	in	1/2
	Liquid line	in	1/4
Condensate drain		in	1 <sup>1</sup> / <sub>4</sub> (inner diameter)

**NOTES:**

1. The above specifications demonstrate cooling and heating conditions when the outdoor unit is operated with the 100% rating of indoor units, Cooling operation conditions: indoor air inlet temperature: 80°F DB 67°F WB, Outdoor air inlet temperature: 95°F DB, Piping length: 25ft., Piping lift: 0ft.

Heating operation conditions: Nominal heating condition, indoor air inlet temperature: 70°F DB, outdoor air inlet temperature: 47°F DB 43°F WB.

Heating operation conditions: Low temp. heating condition, indoor air inlet temperature: 70°F DB, outdoor air inlet temperature: 17°F DB 15°F WB.

2. Rated capacity and efficiency are certified under AHRI Standard 1230. Ratings are subject to change without notice. Current certified ratings are available at [www.ahridirectory.org](http://www.ahridirectory.org).

3. The above noise values were measured in an anechoic chamber without reflected echo. Measurement point: 3.3ft from the service cover surface and 4.9ft from floor level.

4. The final appearance of outdoor units may vary from images shown here.

