

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

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



**INDOOR UNIT FEATURES:**

- ◆ **Convenient installation:** Users can choose the installation method according to different situation. Suitable for renewal projects and undecorated shopping malls or classrooms.
- ◆ **Efficiency DC motor:** Efficient DC motor and the optimized duct design to ensure the smooth airflow.
- ◆ **Wider 3D-airflow range:** Broad air deflector design realizes broad air supply range. The wind direction can be adjusted according to the need thus it can make the customers feel more comfortable
- ◆ **Standard equipped drain pump:** Standard equipped drain pump with the maximum drainage height up to 1200mm.



**Optional Accessories:**

- Receiver kit - SPWRK-V02
- Wireless controller - SPRC-101
- Wired controller - SPWT-A01
- Wired controller - SPWT-C01
- Motion Sensor - SPHNS-S01E

Model name		CHV-18CC1W	
Model power supply		AC 1-Phase 208/230V 60Hz	
Nominal tonnage		RT	1.6
Cooling operation	Nominal capacity	Btu/h	19,100
	Power consumption	kW	0.04
Heating operation	Nominal capacity	Btu/h	21,500
	Power consumption	kW	0.05
Electrical parameters	MCA	A	1.11
	MOP	A	15
Air flow rate (Hi/Me/Lo)		CFM	427/350/311/290/275/233
Sound pressure	Cooling	dB(A)	40/38/35/33/32/31
	Heating	dB(A)	41/39/36/35/33/31
Outer dimension	Height	in	7 <sup>9</sup> / <sub>16</sub>
	Width	in	46 <sup>7</sup> / <sub>16</sub>
	Depth	in	18 <sup>1</sup> / <sub>2</sub>
Net weight		lbs	53
Refrigerant type		R410A	
Refrigerant flow control		micro-computer control expansion valve	
Cabinet color		neutral white	
Piping connections		flare-nut connection (with flare nuts)	
Refrigerant piping	Gas line	in	5/8
	Liquid line	in	1/4
Condensate drain		in	63/64 (VP25)

**NOTES:**

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

Unit: inch

