

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

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



**INDOOR UNIT FEATURES:**

- ◆ **Smooth design:** Shiny white cover panel of the unit has a streamlined elegant aesthetic. The bolts and nuts used to secure the unit onto wall or ceiling are designed to be concealed in the unit for a sleek room interior look.
- ◆ **Flexible installation:** The unit can be installed to be standing on floors or hanging on ceilings. Whereby interior walls maximized to display items, can hang the unit on the ceiling.
- ◆ **3D Air supply:** Louvers consist of horizontal and vertical flaps to cover larger coverage area to the edges of any rooms. Wider opening angle from up to 120 for vertical louvers and up to 71 for horizontal louvers supply air further and lower down to floor needed during heating modes.
- ◆ **Convenient installation and maintenance:** Adjust the ceiling or wall mounting height by just opening the side panels without the need to access the internal parts. Service manholes are unnecessary due to the strategic repositioning of piping connections and electrical bo behind the air return panel, service and clean the filter all in the same compartment.

**Optional Accessories:**

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

Model name		CHV-18CFT	
Model power supply		AC 1-Phase 208/230V 60Hz	
Nominal tonnage		RT	1.5
Cooling operation	Nominal capacity	Btu/h	19,100
	Power consumption	kW	0.04
Heating operation	Nominal capacity	Btu/h	22,200
	Power consumption	kW	0.04
Electrical parameters	MCA	A	0.43
	MOP	A	15
Air flow rate (Hi/Me/Lo)		CFM	459/389/318
Sound pressure		dB(A)	39/35/30 (ceiling) 43/38/35 (floor)
Outer dimension	Height	in	9 <sup>1</sup> / <sub>16</sub>
	Width	in	38 <sup>3</sup> / <sub>32</sub>
	Depth	in	26 <sup>49</sup> / <sub>64</sub>
Net weight		lbs	68.3
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	1 <sup>1</sup> / <sub>4</sub> (inner diameter)

**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

