

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

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



## INDOOR UNIT FEATURES:

- AUTO RESTART**  
 The automatic restart function sets the indoor units to automatically restart and resume previous settings in the event of a power outage.
- MOTION SENSOR (OPTIONAL)**  
 Intelligent motion sensing technology enables auto ON/OFF, auto fan, and auto temperature adjustments based on movement and occupancy of the room.
- AUTO FAN SPEED**  
 Fan speed rotation is automatically controlled to achieve optimum efficiency and comfort.
- WiFi ADAPTER (OPTIONAL)**  
 An optional WiFi adapter can be installed to enable system control via iOS or Android smart device for up to 64 indoor units.
- REMOTE CONTROL**  
 Indoor units can be controlled with wireless remote controller featuring an LCD display.
- STANDARD FILTER INCLUDED**  
 A washable, long-life filter is included as a standard part.
- 3D AIR-FLOW PANEL (OPTIONAL)**  
 The optional 3D air-flow panel, which includes an LED display and adjustable horizontal and vertical louvers, enables system control with a Cooper&Hunter wireless remote controller.
- 33.4-INCH DRAINAGE HEIGHT**  
 Some CHV indoor models are equipped with a drain pump to pull condensation upward and remove water from the units with a drainage height of up to 33.4 inches.

- FRESH AIR INTRODUCTION**  
 Fresh air can be directed into rooms with an optional adapter or direct connection to the air return segment of the unit.
- WIDE CAPACITY RANGE**  
 CHV indoor units come in a wide range of capacities across 5 different indoor model types.
- COMPACT SIZE**  
 Compact indoor units can be conveniently transported and installed, even in small spaces.
- SILENT OPERATION**  
 CHV units create minimal sound pressure during operation.
- HUMIDITY SENSOR (OPTIONAL)**  
 The optional humidity sensor allows access to more precise dehumidification control.
- LOW TEMPERATURE COOLING**  
 The target temperature of indoor units can be set as low as 60°F.
- SELF-DIAGNOSIS**  
 CHV indoor units use the self-diagnosis function to monitor and analyze malfunctions. Error codes are displayed on LED displays, remote controllers, or PCB boards as a general troubleshooting guide.
- FAN SPEED**  
 6 Selectable fan speeds.

## Optional Accessories:

- Receiver kit - SPWRK-Z01
- Wired controller - SPWT-A01
- Drain Pump - SPIDP-DHP07/24
- Motion Sensor - SPHNS-S01E
- Wireless controller - SPRC-101
- Wired controller - SPWT-B01
- Drain Pump - SPEDP-DHP07/54
- Humidity Sensor - SPHDS-S01E

<b>Model name</b>			<b>CHV-RS24SDLSP</b>
<b>Ton</b>			<b>2.0</b>
Model Power Supply			AC 1-Phase 208/230V 60Hz
Cooling Capacity	Nominal Capacity	Btu/h	24,200
	Power Consumption	kW	0.09
Heating Capacity	Nominal Capacity	Btu/h	27,300
	Power Consumption	kW	0.09
MCA (Minimum Circuit Ampacity)		A	1.17
MOP (Maximum Overcurrent Protection)		A	15
Air Flow Rate (HH2/HH1/Hi/Me/Lo/Slo)		CFM	636/569/505/435/371/307
Noise Level (HH2/HH1/Hi/Me/Lo/Slo)		dB(A)	38/36/35/33/31/24
Outer Dimensions	Height	in	7 <sup>9</sup> / <sub>16</sub>
	Width	in	46 <sup>29</sup> / <sub>64</sub>
	Depth	in	17 <sup>19</sup> / <sub>32</sub>
Net Weight		lbs	52.9
Refrigerant Type			R32
Refrigerant Flow Control			Micro-computer Control Expansion Valve
Piping Connections			Flare-nut Connection (with Flare Nuts)
Refrigerant Piping	Gas Line	in	5/8"
	Liquid Line	in	3/8"
Condensate Drain		in	1-1/4" (Outer Diameter)
External Pressure		In.W.G.	0.04 (0.04-0.12-0.20)

**NOTES:**

1. The nominal cooling capacity is the combined capacity of the Cooper&Hunter standard split system.

Cooling operation conditions: Indoor air inlet temperature: 80°F DB 66°F WB, Outdoor air inlet temperature: 95°F DB.

Heating operation conditions: Indoor air inlet temperature: 68°F DB, Outdoor air inlet temperature: 44°F DB, 42°F WB., Piping length: 24.6ft., Piping lift: 0ft.

2. The sound pressure level is based on the following conditions: 4.9ft beneath the unit with discharge Duct(6.5ft.) and Return Duct(3.3ft.). Voltage of the power source for the indoor fan motor is 208V. The above data was measured in an anechoic chamber so that reflected sound should be taken into consideration in the field.

3. The data for external pressure \*1) indicates standard pressure setting values when a filter is not used.

4. The above air flow rate and noise level are tested with AC 208V power supply and without filter screen.

Unit: inch (mm)

