



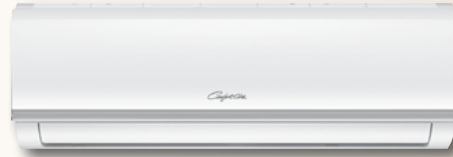
# 'SVH' SERIES

Single zone heat pump models with inverter technology

9,000 to 24,000 BTUH



Outdoor Unit



Indoor Unit



Our "SVH" Series, rated up to 16 SEER, offers economical zone control because only the room or area being used is conditioned and inverter technology matches the compressor speed to the room's changing temperature requirements.

A wireless remote makes it easy to select both temperature and mode, and a handy holder comes with the remote. With the "Follow" feature activated, the remote detects the temperature at its location and the unit adjusts operation to reach the set point wherever the remote is located in the room.

The indoor air handler features a sleek design that extends just 7<sup>5</sup>/<sub>8</sub>" to 8<sup>5</sup>/<sub>8</sub>" into the room, depending on the model. And the air handler has a self-cleaning evaporator coil with gold fin anti-corrosive coating which prevents bacteria from breeding and spreading.

Not only is the air handler visually unobtrusive, it's also so quiet you'll forget it's even there. Fan speed and mode can be selected so the air flow provides the comfort needed without being disruptive. All models feature three fan speeds.

Built with quality components, the system includes a three minute delay at start-up to protect the compressor from short cycling and, for heat pump models, to prevent cold air blow.

Recommended ambient operating temperature: cooling 32° to 122° F, heating 5° to 86° F.

**Warranty—5 years on compressor, 1 years on parts**  
(Some limitations apply; see printed warranty for details.)

## Features

- **Super Efficient**—Rated as high as 16.0 SEER and 11.0 EER
- **Whisper Quiet**—High tech fan in the indoor unit delivers balanced air flow
- **Temperature Compensation**—Indoor unit adjusts automatically as needed to eliminate stratification between ceiling and floor temps
- **Auto Swing**—Continually adjusts air flow direction for a gentle, breeze-like effect
- **Multiple Modes**—Cooling, dehumidification only, air circulation and heat plus:
  - Sleep mode
  - 24-hour timer
  - Turbo mode
- **Auto Operation**—Automatically adjusts to maintain a constant temperature/humidity level
- **Superior Filtration**—Nano silver air filter releases silver ions that eliminate bacteria in the air while gold fin evaporator coating prevents the breeding and spreading of bacteria
- **Leak Detection**—Signals if unit begins losing refrigerant charge
- **Auto Restart**—Reverts to the last setting following a power failure
- **Auto Defrost**—On heat pump models; also crankcase heater to keep oil warm and reduce the need for defrosting



Energy Verified  
Rendement  
Énergétique Vérifié





# 'SVH' Series

## Single Zone Ductless Mini-Splits Systems

### Heat Pump Models

FEATURES	SVH09SA-0	SVH09SA-1	SVH12SA-0	SVH12SA-1	SVH18SA-1	SVH24SA-1
Power Supply	115V	208/230V	115V	208/230V	208/230V	208/230V
Cooling Capacity (BTUH)	9,000	9,000	12,000	12,000	18,000	24,000
SEER/ EER	15.2/10.0	15.0/10.5	16.0/10.0	15.5/10.2	15.5/11.0	15.0/9.0
HSPF	7.4	7.2	7.8	7.8	8.2	7.4
Cooling Amps	8	3.7	10.4	5.3	7.3	11.8
Dehumidification (Pts/Hr.)	1.0	1.0	1.2	1.2	1.8	2.5
Heating Capacity (BTUH)	9,800	9,800	12,000	12,000	18,000	24,000
Heating Amps	8.60	4.50	5.65	5.40	7.60	11.30
<b>INDOOR UNIT</b>						
Air flow (CFM)	265/212/159	265/212/159	318/241/176	318/241/176	424/341/200	565/447/341
Fan Speeds (Cool/Heat/Fan)	3	3	3	3	3	3
Sound Level (dBa) H-M-L	41/35/26	41/36/27	41/36/28	42/36/27	43.5/36/34.5	45/38/32
<b>AIR DIRECTION</b>						
Vertical Adjustment	Remote	Remote	Remote	Remote	Remote	Remote
Horizontal (left/right)	Manual	Manual	Manual	Manual	Manual	Manual
Auto Swing Up and Down	Standard	Standard	Standard	Standard	Standard	Standard
<b>INDICATOR LAMPS</b>						
Defrost	Standard	Standard	Standard	Standard	Standard	Standard
Temperature Setting	Remote Temperature Set Range: 62°F to 86°F					
<b>INDOOR UNIT DIMENSIONS</b>						
Width (inches)	28-1/8	28-1/8	31-3/4	31-3/4	37-3/4	40-7/8
Height (inches)	11-1/4	11-1/4	11-1/4	11-1/4	11-7/8	12-7/8
Depth (inches)	7-5/8	7-5/8	7-3/4	7-3/4	8-3/8	8-5/8
Net Wt/Shipping Wt (lbs.)	15.9/20.5	15.9/20.5	17.2/22	17.2/22	22.9/29.5	29.3/36.6
<b>OUTDOOR UNIT DIMENSIONS</b>						
Width (inches)	30-3/8	30-3/8	30-3/8	30-3/8	31-1/2	33-1/4
Height (inches)	21-7/8	21-7/8	21-7/8	21-7/8	21-7/8	27-5/8
Depth (inches)	11-7/8	11-7/8	11-7/8	11-7/8	13-1/8	14-1/4
Net Wt/Shipping Wt (lbs.)	61.5/66.6	57.1/62.4	65/70.1	60.6/66.4	80.5/87.1	105.2/112.4
<b>ELECTRICAL DATA OUTDOOR UNIT*</b>						
Main Power Connection	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Min. Circuit Ampacity	15	15	15	15	15	15
Max. Fuse/HACR Circuit Breaker	15	15	20	15	20	25
Recommended Indoor/ Outdoor Connecting Cable*	14 AWG / 4 conductor 600V THHN unshielded bare copper					
<b>LINE SETS O.D. (inch)</b>						
Liquid Connection (flare) (inch)	1/4	1/4	1/4	1/4	1/4	3/8
Suction Connection (flare) (inch)	3/8	3/8	1/2	1/2	1/2	5/8
Maximum Line Set Length <sup>1</sup>	82	82	82	82	98	98
Maximum Elevation (outdoor) <sup>2</sup>	33	32	33	33	66	66

\*Always follow local, state and national electrical codes.

<sup>1</sup> Min. 10 ft. line set recommended.

<sup>2</sup> Oil traps should be installed every 16.5 to 23 feet (5-7m) when the outdoor unit is installed above the indoor unit.

**Design, specifications and performance data subject to change without notice.**

