

SVH-B Series

AN ARTFUL COMBINATION OF ECONOMY AND PERFORMANCE:

The SVH-Series showcases energy efficiency in a streamlined, modern, whisper-quiet design

FEATURES

Super Efficient

- Rated as high as 18.5 SEER2 and 10.5 EER2

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

Smartphone Compatible

- Optional 7800-208 Smartphone Control Kit available separately

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

Auto Restart

- Reverts to the last setting following a power failure

Auto Defrost

- Standard on all models, along with crankcase heater and pan heater for true cold-weather performance

Ambient Operating Temperature

- Cooling 5° to 122°F, heating 5° to 86°F

Comfort-Aire®

SINGLE ZONE HEAT PUMP

115V & 208-230V
9,000 to 24,000 BTUH



Indoor Unit



Outdoor Unit



Energy Verified
Rendement
Énergétique Vêri



SVH-B Series

FEATURES	Heat Pump Models					
	SVH09SB-0	SVH09SB-1	SVH12SB-0	SVH12SB-1	SVH18SB-1	SVH24SB-1
Power Supply	115V	208/230V	115V	208/230V	208/230V	208/230V
Cooling Capacity (BTUH)	9,000	9,000	12,000	12,000	17,000	24,000
SEER2/ EER2	17/10.1	18.5/10.5	17.4/8.8	17.6/8.8	18.3/9.9	17/8.9
HSPF2	9	8.8	8.7	8.8	8.7	8
Cooling Amps	7.5	4.45	11.89	5.92	7.6	12.3
Dehumidification (Pts./Hr.)	2.11	2.11	2.54	2.54	3.8	5.49
Heating Capacity (BTUH)	9800	9000	12000	12000	18000	24000
Heating Amps	8.9	3.95	10.54	5.27	7.5	11.3
INDOOR UNIT						
Air flow (CFM)	265/212/159	318/241/176	318/241/176	318/241/176	424/341/200	565/447/341
Fan Speeds (Cool/Heat/Fan)	3/3/3	3/3/3	3/3/3	3/3/3	3/3/3	3/3/3
Sound Level (dBA) H-M-L	39.5/33.5/26	41/34.5/27.5	41/34.5/27.5	41.5/34.5/25.5	43.5/38/30	46/40/33.5
AIR DIRECTION						
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
INDICATOR LAMPS						
Defrost	Standard	Standard	Standard	Standard	Standard	Standard
Temperature Setting	Remote Temperature Set Range: 62°F to 86°F					
INDOOR UNIT DIMENSIONS						
Width (inches)	28 1/8	31 5/8	31 5/8	31 5/8	37 5/8	40 7/8
Height (inches)	11 1/4	11 1/4	11 1/4	11 1/4	11 7/8	12 3/4
Depth (inches)	7 5/8	7 5/8	7 5/8	7 5/8	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
OUTDOOR UNIT DIMENSIONS						
Width (inches)	28 3/8	28 3/8	28 3/8	28 3/8	30 1/8	35
Height (inches)	19 1/2	19 1/2	19 1/2	19 1/2	21-7/8	26 1/2
Depth (inches)	10 5/8	10 5/8	10 5/8	10 5/8	11 7/8	13 1/2
Net Wt/Shipping Wt (lbs.)	54.67/58.42	52.91/56.44	55.12/58.86	52.91/56.44	64.2/69.7	97.89/104.5
ELECTRICAL DATA OUTDOOR UNIT*						
Main Power Connection	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit	Outdoor Unit
Min. Circuit Ampacity	15	15	15	12	15	18
Max. Fuse/HACR	20	20	20	15	20	25
Circuit Breaker	20	20	20	15	20	25
Recommended Indoor/Outdoor Connecting Cable*	14 AWG / 4 conductor THHN Unshielded Stranded / Rated 600V					
LINE SETS O.D. (inch)						
Liquid Connection (flare) (inch)	1/4	1/4	1/4	1/4	1/4	3/8
Suction Connection (flare) (inch)	3/8	3/8	3/8	3/8	1/2	5/8
Maximum Line Set Length ¹	82	82	82	82	98	98
Maximum Elevation (outdoor) ²	33	33	33	33	66	66

*Always follow local, state and national electrical codes. ¹ Min. 10 ft. line set recommended.

² 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.

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."

