

SVH Series

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

Comfort-Aire®

SINGLE ZONE HEAT PUMP

208-230V

9,000 to 24,000 BTUH

Inverter

Indoor Unit



Outdoor Unit



Energy Verified
Rendement
Énergétique Vêri



Warranty

Standard warranty or Extended warranty available with product registration.
See warranty document for details or visit www.marsdelivers.com

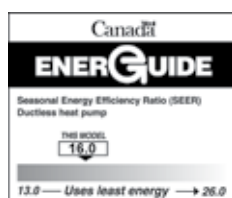
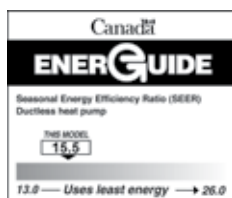
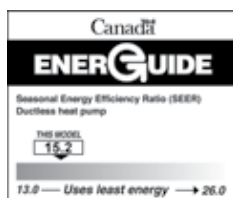
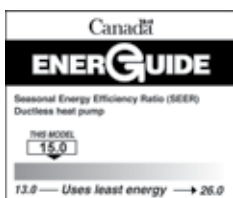
SVH Series

FEATURES	Heat Pump Models					
	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	9	8.8	9	9.3	9.8	8.8
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
INDOOR UNIT						
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
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	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
OUTDOOR UNIT DIMENSIONS						
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
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	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					
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	1/2	1/2	1/2	5/8
Maximum Line Set Length ¹	82	82	82	82	98	98
Maximum Elevation (outdoor) ²	33	32	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."