

VMH 30-36 SD Series

FEATURES

Attractive Cabinet

- Indoor units feature a slim profile with rounded corners and sleek grilles that mount high on a wall to be unobtrusive

Multiple Modes

- Cooling, heating, dehumidification only and fan only
 - Sleep Mode
 - Turbo mode
 - 24-hour timer
 - Auto mode

Random Swing

- Continually adjusts fan speed and air direction for a gentle, breeze-like effect that's preferred by most people

Remote Control

- Makes it easy to program and operate the unit

Multi-Stage Filtration

- Includes ionizer to remove microscopic particles, active carbon and dust filter, and freshening filter for improved indoor air quality

Low Ambient Operation

- Cooling mode functions even when the outdoor temperature reaches 5°F

Defrost Control

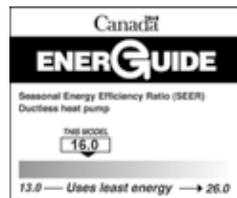
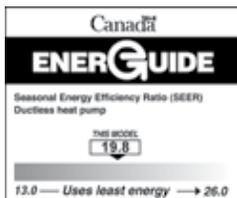
- Automatically removes any frost that may accumulate on the coil

Auto Restart

- Reverts to the last setting following a power failure

Low Ambient Operation

- Cooling 5° - 122°F, Heating 5° - 86°F



Comfort-Aire®

SINGLE ZONE HEAT PUMP

208-230V

30,000 to 36,000 BTUH

Inverter



Indoor Unit



optional
wired thermostat



Outdoor Unit



VMH 30-36 SD Series

FEATURES	Heat Pump Models	
	VMH30SD-1	VMH36SD-1
Power Supply	208/230-1-60	208/230-1-60
Cooling Capacity (BTUH)	30,000	36,000
SEER/EER	19.80/ 11.50	16.00/ 8.60
HSPF	9.40	8.50
Cooling Amps	11.5	18.5
Dehumidification (Pts/Hr.)	6.8	8.0
Heating Cap. (BTUH) @ 17°F/ Heat Amps	18,500/ 15.0	21,000/ 18.3
INDOOR UNIT		
Air flow (CFM)	677/589/471	677/589/471
Fan Speeds (Hi/Med/Lo)	3	3
Sound Level (dBA) H-M-L	49/42/37.5	48.5/44/38
Optional Wired Thermostat	Yes	Yes
AIR DIRECTION		
Vertical Adjustment	Remote	Remote
Horizontal (left/right)	Manual	Manual
Auto Swing	Remote	Remote
INDICATOR LAMPS		
ON/OFF	Yes	Yes
24 Hr. Timer	Yes	Yes
Defrost	Yes	Yes
Temperature Setting Range	On Remote: 62° F to 88° F	
INDOOR UNIT DIMENSIONS		
Width (inches)	46 ⁵ / ₈	46 ⁵ / ₈
Height (inches)	13 ¹ / ₂	13 ¹ / ₂
Depth (inches)	10 ¹ / ₈	10 ¹ / ₈
Net Wt/Shipping Wt (lbs.)	40.1/50.2	40.5/50.2
OUTDOOR UNIT DIMENSIONS		
Width (inches)	37 ¹ / ₄	37 ¹ / ₄
Height (inches)	31 ⁷ / ₈	31 ⁷ / ₈
Depth (inches)	16 ⁵ / ₈	16 ⁵ / ₈
Net Wt/Shipping Wt (lbs.)	136.5/149.5	145.5/158.3
ELECTRICAL DATA OUTDOOR UNIT ‡		
Main Power Connection	Outdoor Unit	
Min. Circuit Ampacity	20A	25A
Max. Fuse/HACR Circuit Breaker	30A	35A
Indoor/Outdoor Connecting Cable Type	14AWG / 4 conductor 600V THHN unshielded stranded bare copper	
LINE SETS O.D. (inch)		
Liquid Connection (flare) (in.)	3/8	3/8
Suction Connection (flare) (in.)	5/8	5/8
Max. Line Set Length ¹	164 feet	213 feet
Max. Elevation (outdoor) ²	82 feet	98 feet

‡ Always follow local, state and national electrical codes Main power connection is 208/230V, depending on model

¹ Min. 10 ft. line set required

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

"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."

Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.