VMH 30-36 SG Series

FEATURES

Innovative and Attractive Design

 Indoor EZ-Pro Series High-Wall dissassembles easily for maintenace and cleaning

Multiple Modes

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

Auto Swing

 Continually adjusts air flow direction for a gentle, breeze-like effect

Remote Control

· Makes it easy to program and operate the unit

Enhanced Filtration

· Gold fin filter delivers improved indoor air quality

Defrost Control

 Longer defrost cycle effectively removes any frost accumulation on the coil as needed

"Follow" Feature

 Remote senses temperature where occupant is, automatically adjusts to maintain setpoint

Rotary Compressor

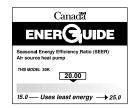
· Designed for wide operating range and minimal vibration

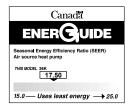
Low Ambient Operation

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

Smartphone Capable

Initiate operation or change parameters from anywhere







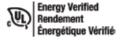
SINGLE ZONE HEAT PUMP

208-230V 30,000 to 36,000 BTUH













Pear Supply 208/230V,1Ph, 60Hz 208/230V,1Ph,		Heat Pump Models	
Power Supply 208/230V,1Ph, 60Hz 208/230V,1Ph, 60Hz 200 36,000 3	FEATURES	VMH30SG-1	VMH36SG-1
SEER2			
EER2	Cooling Capacity (BTUH)	30,000	36,000
HSFF2	SEER2	20	20
Cooling Amps	EER2	11.5	8.5
Hi Heating Cap. (BTUH) ⊚ 17°F 19,000 22,500 Lo Heating Cap. (BTUH) ⊚ 0°F N/A Heating Amps 14.7 18.3 OUTDOOR UNIT DIMENSIONS Width (inches) 37.24 Height (inches) 16.14 Net Wt/Shipping Wt (lbs.) ELECTRICAL DATA OUTDOOR UNIT ¹ Main Power Connection Min. Circuit Ampacity Amax. Fuse/HACR Circuit Breaker 1040007/Utdoor Connecting Cable Type 14AWG / 4 conductor 600V THHN unshielded stranded bare copper LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting AIR DIRECTION Horiz,/Vert. Modulating Yes Yes INDOOR UNIT DIMENSIONS Width (inches) 44.88 44.88 Height (inches) 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	HSPF2	9.2	8
Lo Heating Cap. (BTUH) @ 0°F N/A N/A N/A Heating Amps 14.7 18.3 OUTDOOR UNIT DIMENSIONS Width (inches) 37.24 37.24 Height (inches) 31.89 31.89 Depth (inches) 16.14 16.14 Net WY/Shipping Wt (ibs.) 141.75 150.13 ELECTRICAL DATA OUTDOOR UNIT Main Power Connection Outdoor Unit 208/230-1-60 Min. Circuit Ampacity 23 28 Max. Fuse/HACR Circuit Breaker 30 35 Indoor/Outdoor Connecting Cable Type 14AWG / 4 conductor 600V THHN unshielded stranded bare copper LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Horiz./Vert. Modulating Yes Yes NDOOR UNIT DIMENSIONS Width (inches) 44.88 44.88 Height (inches) 10.83 10.83 Net Wt/Shipping Wt (ibs) 43.65/54.89 43.65/54.89	Cooling Amps	11.4	18.5
Heating Amps	Hi Heating Cap. (BTUH) @ 17°F	19,000	22,500
OUTDOOR UNIT DIMENSIONS Width (inches) 37.24 37.24 37.24 Height (inches) 31.89 31.89 31.89 Depth (inches) 16.14 16.14 16.14 Net Wt/Shipping Wt (ibs.) 141.75 150.13 ELECTRICAL DATA OUTDOOR UNIT ** Main Power Connection Outdoor Unit 208/230-1-60 Min. Circuit Ampacity 23 28 Max. Fuse/HACR Circuit Breaker 30 35 Indoor/Outdoor Connecting Cable Type 14AWG / 4 conductor 600V THHN unshielded stranded bare copper LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR	Lo Heating Cap. (BTUH) @ 0°F	N/A	N/A
Width (inches) 37.24 37.24 Height (inches) 31.89 31.89 Depth (inches) 16.14 16.14 Net Wt/Shipping Wt (ibs.) 141.75 150.13 ELECTRICAL DATA OUTDOOR UNIT * Main Power Connection Outdoor Unit 208/230-1-60 Min. Circuit Ampacity 23 28 Max Fuse/HACR Circuit Breaker 30 35 Indoor/Outdoor Connecting Cable Type 14AWG / 4 conductor 600V THHN unshielded stranded bare copper LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes NDOOR UNIT DIMENSIONS <th>Heating Amps</th> <th>14.7</th> <th>18.3</th>	Heating Amps	14.7	18.3
Height (inches) 31.89 31.89 31.89 Depth (inches) 16.14 1	OUTDOOR UNIT DIMENSIONS		
Depth (inches) 16.14 16.14 16.14 Net Wt/Shipping Wt (lbs.) 141.75 150.13	Width (inches)	37.24	37.24
Net Wt/Shipping Wt (ibs.)	Height (inches)	31.89	31.89
Main Power Connection	Depth (inches)	16.14	16.14
Main Power Connection Outdoor Unit 208/230-1-60 Min. Circuit Ampacity 23 28 Max. Fuse/HACR Circuit Breaker 30 35 Indoor/Outdoor Connecting Cable Type 14AWG / 4 conductor 600V THHN unshielded stranded bare copper LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Yes Yes Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89 <th></th> <th>141.75</th> <th>150.13</th>		141.75	150.13
Min. Circuit Ampacity 23 28 Max. Fuse/HACR Circuit Breaker 30 35 Indoor/Outdoor Connecting Cable Type 14AWG / 4 conductor 600V THHN unshielded stranded bare copper LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Yes Yes Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	ELECTRICAL DATA OUTDOOR UNIT *		
Max. Fuse/HACR Circuit Breaker 30 35 Indoor/Outdoor Connecting Cable Type 14AWG / 4 conductor 600V THHN unshielded stranded bare copper LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Yes Yes Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Main Power Connection	,	
Indoor/Outdoor Connecting Cable Type	· · ·		28
LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8 Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Yes Yes Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	· · · · · · · · · · · · · · · · · · ·		
LINE SETS O.D. (inch) 3/8 x 5/8 3/8 x 5/8			
Max. Line Set Length¹ 164 213 Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Yes Yes Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	LINE SETS O.D. (inch)		
Max. Elevation (outdoor)² 82 98 Cooling Capacity BTUH 30,000 36,000 Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Yes Yes Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	LINE SETS O.D. (inch)	3/8 x 5/8	3/8 x 5/8
Cooling Capacity BTUH 30,000 36,000	Max. Line Set Length ¹	164	213
Heating Capacity BTUH 30,000 36,000 Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Max. Elevation (outdoor) ²	82	98
Air Flow Range (CFM) 383/647 383/640 Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Horiz./Vert. Modulating Yes Yes INDOOR UNIT DIMENSIONS Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Cooling Capacity BTUH	30,000	36,000
Fan Speeds 3 3 Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Yes Yes INDOOR UNIT DIMENSIONS Yes Yes Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Heating Capacity BTUH	30,000	36,000
Sound Level Range (dBA) 46/41/33 48/42/36 Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Horiz./Vert. Modulating Yes Yes INDOOR UNIT DIMENSIONS	Air Flow Range (CFM)	383/647	383/640
Temperature Setting 62° to 90° F Cooling; 62° to 86° F Heating (on remote) AIR DIRECTION Horiz./Vert. Modulating Yes Yes INDOOR UNIT DIMENSIONS Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Fan Speeds	3	3
AIR DIRECTION Horiz./Vert. Modulating Yes Yes INDOOR UNIT DIMENSIONS 44.88 44.88 Width (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Sound Level Range (dBA)	46/41/33	48/42/36
Horiz./Vert. Modulating Yes Yes INDOOR UNIT DIMENSIONS 44.88 44.88 Width (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Temperature Setting	62° to 90° F Cooling; 62° to 86° F Heating (on remote)	
INDOOR UNIT DIMENSIONS Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	AIR DIRECTION		
Width (inches) 44.88 44.88 Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Horiz./Vert. Modulating	Yes	Yes
Height (inches) 14.57 14.57 Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	INDOOR UNIT DIMENSIONS		
Depth (inches) 10.83 10.83 Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Width (inches)	44.88	44.88
Net Wt/Shipping Wt (lbs) 43.65/54.89 43.65/54.89	Height (inches)	14.57	14.57
	Depth (inches)	10.83	10.83
Liquid-Suction (flare) 3/8" - 5/8" 3/8" - 5/8"	Net Wt/Shipping Wt (lbs)	43.65/54.89	43.65/54.89
	Liquid-Suction (flare)	3/8" - 5/8"	3/8" - 5/8"

- [‡] Always follow local, state and national electrical codes
- ¹ Min. 10 ft. line set recommended
- Oil traps should be installed every 16.5 to 23 feet (5-7m) when the outdoor unit is installed above the indoor unit



Optional Wired Programmable Controller 17317100001195

"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.



