

'VMH 30-36 SD' SERIES

SD Model

Indoor Unit



optional
wired thermostat



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

Outdoor Unit



Large capacity single zone mini-splits have the capacity to heat and cool large areas and include all the advantages of advanced inverter technology.

You'll find that your room reaches the preset temperature quickly and that the temperature is constant, without the variations that occur in other types of systems due to on-off cycling. Because the units run at low frequency most of the time, energy usage is kept to a minimum. However, during weather extremes (or when you have a room full of people), the compressor ramps up automatically to reach the set point and maintain the comfort level.

"VMH" Series units are exceptionally quiet. Heavy duty inverter compressors in the condensers are not just efficient, but they also reduce noise and vibration. Inside, the balanced fan circulates large volumes of air at minimal sound levels.

Applications

Single zone models are especially suited to one room installations, making these large capacity units ideal for great rooms, rooms with high ceilings, studio or loft apartments, offices, and similar spaces. They can be used in new construction or to add cooling/heating to an existing building without the expense of adding ductwork. Multiple units can be used for exceptionally large spaces such as church sanctuaries or fellowship halls, banquet facilities, school common areas, etc.

Low Ambient Operation

The low ambient feature allows cooling when outdoor temperature falls below freezing—great for temperature/humidity sensitive environments. Additionally, a factory installed crankcase heater keeps compressor oil warm and reduces heat loss to ambient air, while a sump heater prevents ice build-up in the pan, and enhances defrosting.

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
 - 24-hour timer
 - Turbo mode
 - 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



'VMH' Series

Single Zone Ductless Mini-Splits with Inverter Technology

FEATURES	Heat Pump Models	
	VMH30SD-I	VMH36SD-I
Power Supply	208/230-1-60	208/230-1-60
Cooling Capacity (BTUH)	30,000	36,000
SEER	19.80	16.00
EER	11.50	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	18,500	21,000
Heating Amps	15.0	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
¹ Main power connection is 208/230V, depending on model
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

Warranty—7 years on compressor, 2 years on parts
 (Some limitations apply; see printed warranty for details.)

