



'V' Series

*Efficient inverter technology
in large capacity models*

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

These advantages include consistent room temperature without the variations that occur because of on-off cycling, because the inverter matches the load requirements for precise temperature control. Units run at low frequency most of the time, keeping energy usage to a minimum, but automatically ramping up to maintain the comfort level when there's a demand.

"V" Series units are exceptionally quiet. Heavy duty 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 commons 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.

Low Ambient Operation: cooling 5° – 122° F, heating 5° – 93.2° F.



Indoor Unit



Outdoor Unit

30,000 to 36,000 BTUH
208/230V-I-60

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 microscope 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

Single Zone Ductless Mini-Split Systems with Inverter Technology



	HEAT PUMP MODELS	
FEATURES	VMH30SC-I	VMH36SC-I
Power Supply	208/230-1-60	208/230-1-60
Cooling Capacity (BTUH)	30,000	36,000
SEER	15.9	14.5
EER	10.0	9.5
HSPF	10	9
Cooling Amps	13	16
Dehumidification (Pts/Hr.)	6.3	8.0
Heating Capacity (BTUH)	30,000	36,000
Heating Amps	13	16
INDOOR UNIT		
Air flow (CFM)	971/842/736	971/842/736
Fan Speeds (Hi/Med/Lo)	3	3
Sound Level (dB/A)	50/48/46	50/48/46
AIR DIRECTION		
Vertical Modulating	Manual	Manual
Horizontal (left/right)	Remote	Remote
Random Swing	Yes	Yes
INDICATOR LAMPS		
LCD Display	Yes	Yes
24 Hr. Timer/Sleep Mode	Yes	Yes
Defrost or Hot Start	Yes	Yes
INDOOR UNIT DIMENSIONS		
Width (inches)	56 ⁷ / ₈	56 ⁷ / ₈
Height (inches)	13 ³ / ₈	13 ³ / ₈
Depth (inches)	10 ⁷ / ₈	10 ⁷ / ₈
Net Wt/Shipping Wt (lbs.)	53/71	53/71
OUTDOOR UNIT DIMENSIONS		
Width (inches)	35 ¹ / ₄	39
Height (inches)	33 ⁷ / ₈	38
Depth (inches)	13	13 ⁹ / ₁₆
Net Wt/Shipping Wt (lbs.)	157/165	181/190
ELECTRICAL DATA OUTDOOR UNIT*		
Main Power Connection ¹	Outdoor Unit	Outdoor Unit
Min. Circuit Ampacity	16A	20A
Max. Fuse/HACR Circuit Breaker	25A	30A
Recommended Indoor/Outdoor Connecting Cable Type	14 AWG / 4 conductor 600V THHN unshielded stranded bare copper	
LINE SETS O.D. (inch) / REFRIGERANT		
Refrigerant	R-410-A	R-410-A
Liquid Connection (flare) (inch)	3/8	3/8
Suction Connection (flare) (inch)	5/8	5/8
Maximum Line Set Length ²	82 feet	82 feet
Maximum Elevation (outdoor) ³	32 feet	32 feet

WARRANTY
6 years on compressor,
2 years on parts
 (Some limitations apply; see printed warranty for details.)

*Always follow local, state and national electrical codes.

¹ Main power connection is 208/230V.

² Min. 10 ft. line set recommended.

³ Oil trap should be installed every 16.5 to 23 feet (5-7m).

Due to ongoing product improvements, design, specifications and performance data subject to change without notice.

HEAT CONTROLLER, INC.

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