

AIR CONDITIONING/ HEAT PUMP
Replacement PTAC Chassis for ACP/
Climate Master 'VT' Series

NOMINAL CAPACITY:

12,000, 18,000 BTU/h

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Description:

Adirondack-Aire 'VT' Series zer0zone chassis provides environment friendly, high efficiency cooling and heating where individual, quiet control of space is a priority. This application flexible unit is a direct replacement for ACP/Climate Master 'VT' series chassis. The chassis is a part of a complete system, which consists of the chassis, blower section, heat section, control box, a wall sleeve, furred-in room cabinet, and outdoor louver. The new chassis is dimensionally identical to the original for a fast, easy, and trouble free installation. Proven technology, quality components, careful design and testing, and the latest in environment friendly technology assure EPA compliance, long life, user satisfaction, and lower energy cost! Add to this our exclusive Rust-Block corrosion protection system, slinger condenser fan, evaporator freeze protection, and high-pressure over protection and Adirondack-Aire is the replacement solution the competition can't match. Cold Point Corp. backs the 'VT' with a customer friendly one-year parts and labor warranty and five-year compressor warranty, (see Warranty document for details). Heat pumps are available.*

Application & Benefits:

The *Adirondack-Aire 'VT'* series replacement chassis fits the existing *ACP/Climate Master wall sleeves* and *room cabinets* and works with the existing *blower& heat section* and *control box* without modification. A *slinger ring* condenser fan provides proven air flow performance and the *draw-thru* airflow pattern re-evaporates condensate and makes *cleaning dirty coils easy*. Troublesome *drains may be eliminated*. The standard high-pressure switch and evaporator freeze protection stops unit operation *before damage occurs* should airflow become reduced or obstructed due to dirty coils, obstructed airflow, or motor failures or lock-up....a premium feature usually found only in expensive commercial systems. Condensate *re-evaporation* and the *Rust-Block* system assure a *stain-free* building exterior. High efficiency compressors provide demonstrated *reliability* and *low sound* levels...and because the chassis dimensions and construction details are like the original, replacement work is *fast and easy*. Using *Adirondack-Aire* replacements eliminates the need for *room* and *exterior wall renovation* and gets your property back in service quickly and at the *lowest total cost*.

Options/Accessories:

- Blower Section (consult factory)
- Heat Section (consult factory)
- Heat Pump
- Electric Heat (consult factory)
- 115V & 265/277V (availability varies by model size)

* Rust-Block corrosion protection system consists of:
•Heavy gauge galvanized steel construction with powder paint finish

•Galvanized or Aluminum Condenser Fan
•Stainless steel compressor and condenser motor studs

•Powder painted drain pan
•Magnaguard and/or stainless steel screws and fasteners

Standard Features

- 1). Made in USA
- 2). Designed for easy installation & compatibility. Dimensionally identical to original *ACP/Climate Master chassis*.
- 3). Exclusive *Rust-Block corrosion protection*
- 4). High efficiency PSC type fan motors w/built-in temperature protection
- 5). UL listed components and construction
- 6). Quiet, durable, and efficient compressor with built-in pressure & temperature protection
- 7). Heavy Gauge G60 galvanized steel construction with powder coat paint
- 8). High efficiency copper tube-aluminum fin evaporator and condenser coils
- 9). Draw-thru condenser airflow for easy cleaning
- 10). Condensate re-evaporation
- 11). High Pressure switch with manual reset
- 12). Frost free low ambient cooling*
- 13). Refrigerant circuit access ports
- 14). Thermostatic expansion valve
- 15). Precision charged with zer0zone R-410A refrigerant
- 16). Heat pump heating to 35° F outdoors**
- 17). Positive shift reversing valve (heat pumps)
- 18). Suction accumulator (heat pump)

*Cooling operation locks-out at 34° F outdoor temperature and restarts @ 55° F.

**Actual temperature affected by relative humidity, solar effect, etc.

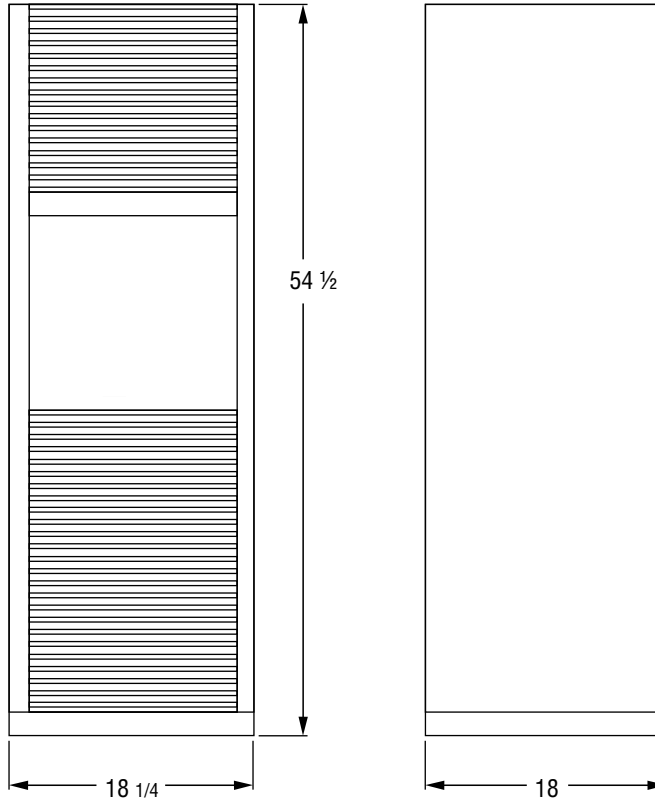


VT Dimensions and Specifications

Note: Due to Cold Point Corporation's ongoing quality & product development programs, design and specifications may change. Always consult factory to verify the information provided here.

DIMENSIONAL DETAIL 'VT'

CHASSIS



VT zer0zone Series Cooling Only Performance Data*

| Model No. | Cooling | | Evaporator CFM/ ESP | REFRIG |
|-----------|---------|------|---------------------|--------|
| | BTU/h | EER | | |
| VT- 12 | 12,000 | 10.1 | 415/ 0.15 | 410A |
| VT- 18 | 18,200 | 9.3 | 500/ 0.15 | 410A |

* Rated in Accordance with ARI

VT zer0zone Series Electric Heat Specifications

| Heater NO. | Volts | Watts | BTU/h | HTR Amps | HTG Amps | Min CKT Amps | Max. Fuse |
|------------|-------|-------|--------|----------|----------|--------------|-----------|
| 3 | 208 | 3,000 | 10,230 | 14.4 | 15.7 | 19.3 | 20 |
| | 230 | | | 13.0 | 14.3 | 17.6 | 20 |
| | 265 | | | 11.3 | 12.4 | 15.3 | 15 |
| 4 | 208 | 4,000 | 13,640 | 19.2 | 20.5 | 25.3 | 25 |
| | 230 | | | 17.4 | 18.7 | 23.1 | 25 |
| | 265 | | | 15.1 | 16.2 | 20.0 | 20 |
| 6 | 208 | 6,000 | 20,460 | 28.9 | 30.2 | 37.5 | 35 |
| | 230 | | | 26.1 | 27.4 | 34.0 | 35 |
| | 265 | | | 22.7 | 23.8 | 29.5 | 30 |

VT zer0zone Series Electrical Specifications

| Model No. | Volts/HZ/Ph | Evap. Fan Motor | | Cond. Fan Motor | | Compressor | | Total Amps. | Min. Ckt Ampac. ⁽¹⁾ | Max. Fuse Size ⁽¹⁾ | Min. Volts |
|-----------|--------------|-----------------|------|-----------------|-----|------------|------|-------------|--------------------------------|-------------------------------|------------|
| | | FLA | HP | FLA | HP | RLA | LRA | | | | |
| VT-12 | 208-230/60/1 | 1.3 | 1/10 | 1.8 | 1/4 | 4.7 | 25.0 | 6.5 | 7.7 | 15 | 197 |
| VT-18 | 208-230/60/1 | 1.3 | 1/6 | 1.8 | 1/4 | 9.4 | 54.0 | 11.2 | 13.6 | 15 | 197 |
| VT-12 | 265/60/1 | 0.7 | 1/8 | 1.8 | 1/4 | 4.2 | 22.0 | 6.0 | 7.1 | 20 | 240 |
| VT-18 | 265/60/1 | 0.8 | 1/6 | 1.8 | 1/4 | 5.8 | 46.0 | 7.6 | 9.1 | 15 | 240 |

⁽¹⁾ If electric heat option is selected, Total AMPS, Ampacity, Fuse Size and line cord data is found in the electric heat table.

| Model No. | Chassis Weight (lbs) |
|-----------|----------------------|
| 12 | 142 |
| 18 | 142 |

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