

# Telecom Series (AT) Air Conditioners 48VDC



Proudly Engineered,  
Tested / Listed,  
and Manufactured  
in the USA



VoltAire Systems AT Series (48 VDC) Air Conditioning Units are designed for high efficiency and high performance heat management of electronic enclosures or equipment.

## Standard Features

- UL 484 Recognized
- UL Type 4 Enclosure Listed
- High efficiency rotary compressor
- Coated condenser coil (>6,000 hr salt spray)
- R134a refrigerant for high ambient operation
- GR487 compliant
- Low ambient cooling/head pressure control
- RoHS Compliant
- Acrylume corrosion resistant cabinet
- Compressor crank case heater
- Stainless steel exterior hardware
- Stainless steel base and evaporator pan
- Sloped top
- Temperature control board with LED status lights, adjustable settings for temperatures and alarms, self-test, and remote temperature sensor
- Compressor and fan modulation



Website:  
[www.voltairesys.com](http://www.voltairesys.com)

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2900 W. Orange Ave. Ste. 100  
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## Optional Features

- Evaporator side heater element: 500W or 750W
- Condenser fan intake filter
- Custom paint finishes
- Stainless steel enclosure (UL Type 4X Enclosure)
- Ethernet controller with digital display

## Applications

- Radio base stations
- Telecom shelters and indoor / outdoor OSP cabinets
- Network switching rooms and computer rooms
- Automation control cabinets, process control centers
- CNC machines
- Drive cabinets
- Digital advertisement boards, kiosk display systems
- Power supply cabinets, battery cabinets and rectifier cabinet

## Technical Data

Model	AT04RB	AT06RB	AT12RB
<b>Performance at 131°F / 131°F</b>			
Nominal Capacity (BTU)	4,000	6,000	12,000
Operation Range (°F / °C)	-40 to 131 / -40 to 55		
<b>Electrical Data</b>			
Voltage Input (VDC)+20%/-15%	48	48	48
MCA (Amps)	12.3	22.5	31.7
<b>Unit Dimensions</b>			
Height (in/mm)	29.5 / 749		47.3 / 1201
Width (in/mm)	17.4 / 441		19.6 / 498
Depth (in/mm)	12.9 / 328		12.2 / 310
Weight (lbs/kg)	74.7 / 33.9		109.7 / 50
<b>Approvals</b>			
		UL 484 and Type 4 (X)	



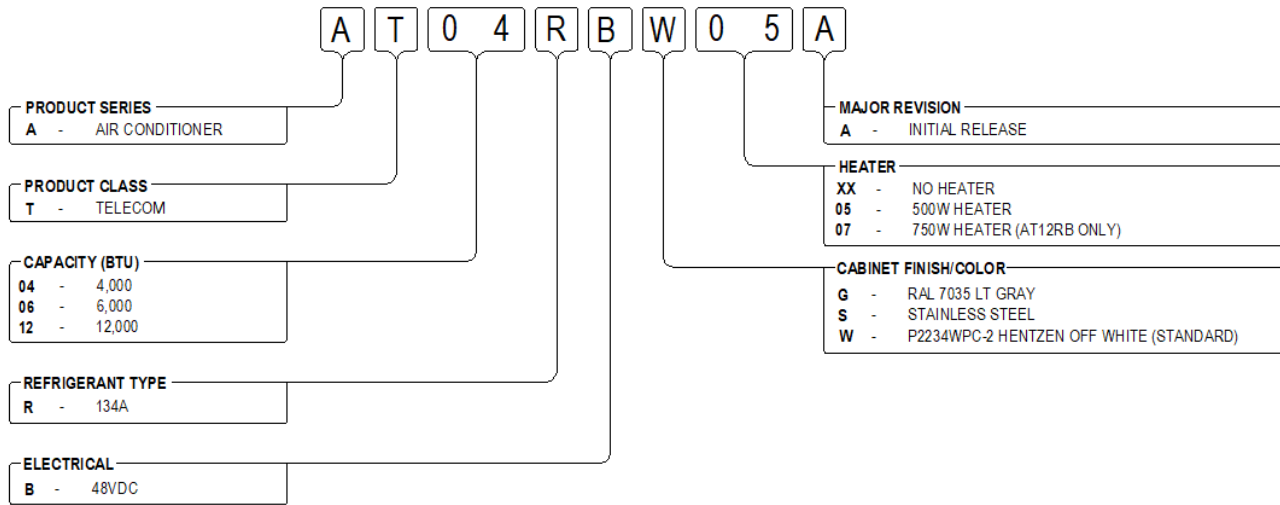
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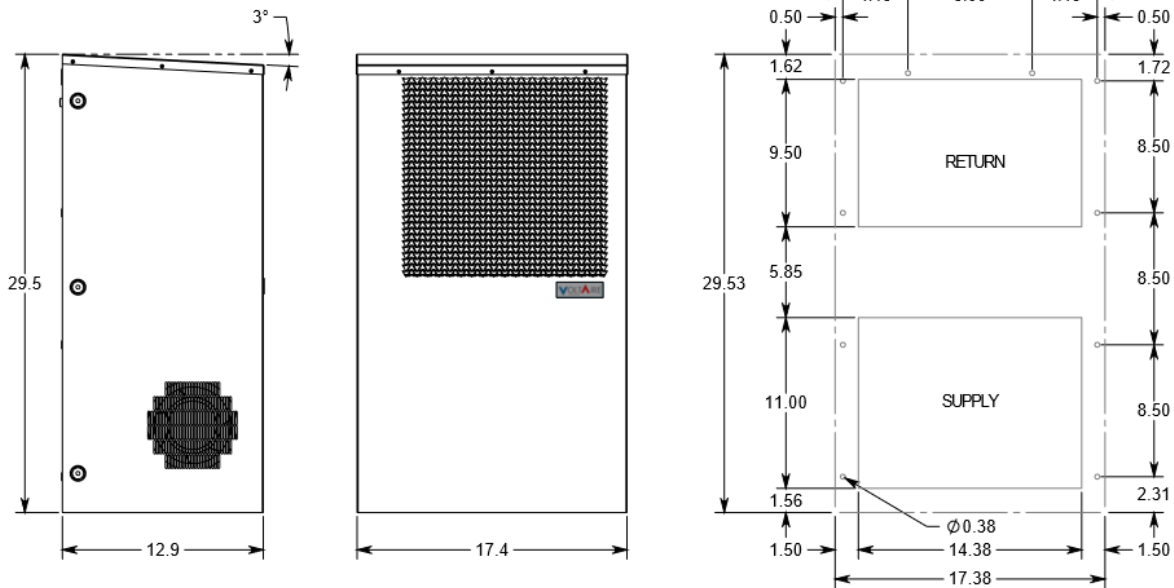
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## Product Nomenclature



## Mounting Diagrams – Overall Dimensions and Cabinet Cutouts



AT04-06 48 VDC



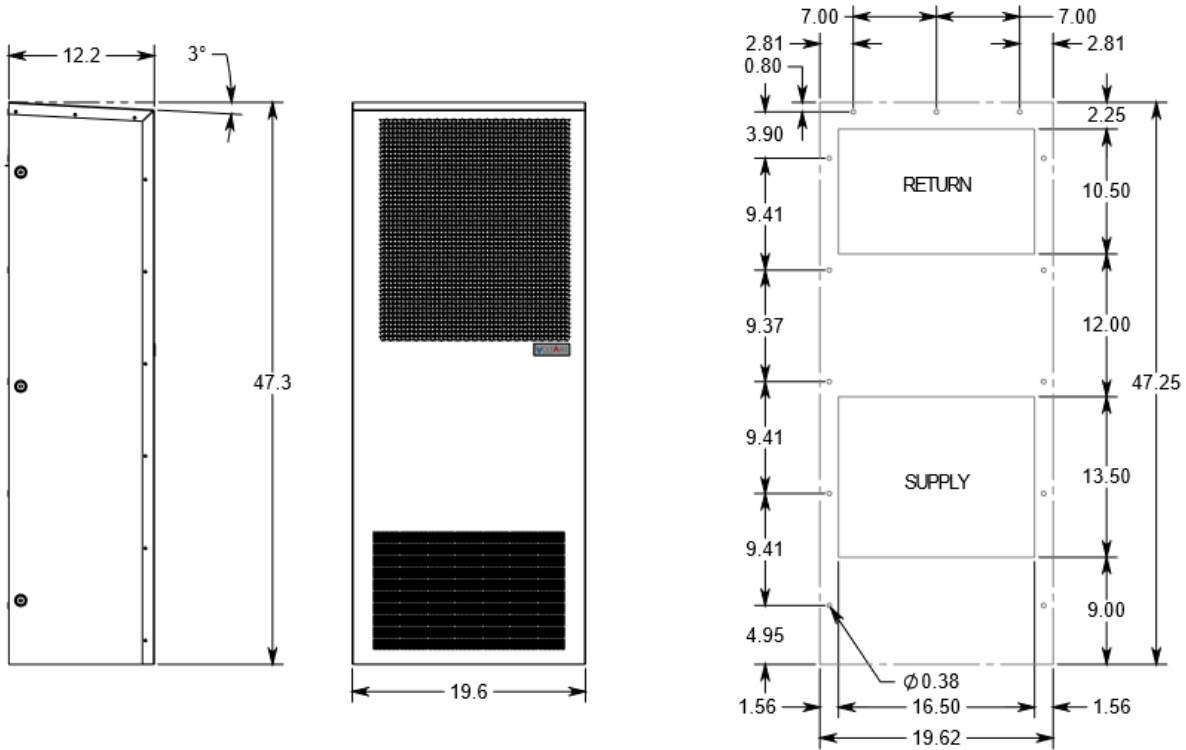
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**Telecom Series (AT)  
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**AT12 48 VDC**



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