

ENHANCED PERFORMANCE



Air Conditioning & Heating

AVPTC AND MBVC AIR HANDLERS



Thank goodness for Goodman.®



Air Conditioning & Heating

ARE YOU GETTING THE MOST OUT OF YOUR HOME'S HEATING AND COOLING SYSTEM?

You've taken care to select reliable, long-lasting heating and cooling equipment for your household. Take that attention to quality one step further by choosing a Goodman® brand air handler for your system. Goodman® brand air handlers help ensure that your heating and cooling system will provide your family with reliable, efficient comfort for years to come.



ENERGY EFFICIENCY EQUALS COMFORT

An air handler is an often overlooked, yet essential part of your central heating and cooling system. The air handler is the indoor portion of your "split system".

The Goodman brand AVPTC and MBVC Air Handlers feature a variable-speed blower motor reducing the likelihood of hot and cold spots in the house and provides increased efficiency over standard efficiency motors. The MBVC Air Handler is a high-efficiency blower section which is matched up with a compatible indoor evaporator coil and connected to your outdoor cooling or heat pump unit.

A CRITICAL COMPONENT TO MAXIMUM COMFORT

Goodman brand AVPTC and MBVC air handlers are designed to deliver years of efficient performance. All Goodman brand evaporator coils utilize grooved aluminum tubing to ensure optimum heat transfer and superior corrosion resistance.

To ensure consistent reliability, every evaporator coil is tested three times to avoid leaks.

REDUCE INDOOR HUMIDITY

A warm summer day is fine as long as humidity doesn't cause you to break into a sweat when walking from your house to the car. The same applies indoors. You're more comfortable inside your home when the moisture level is lower – just as you are more comfortable outside when it's not as humid.

Goodman brand systems, particularly those with the variable-speed motor, are designed to improve air comfort by lowering indoor moisture levels.

The ECM motor's embedded software is continuously self-monitoring and years after installation will still be protecting the motor. The motor uses a state-of-the-art design to reduce noise. As further protection, an ECM motor can withstand up to a 6,000 volt lightning surge.



The SmartFrame™ Sub-Structure

At the core of the AVPTC Air Handler design is the SmartFrame inner skeleton. This skeleton not only adds lateral stability to the chassis, but also provides a mounting location for all internal components and provides additional insulation retention.

- 21" depth for easier attic access
- Foil-faced insulation internally covers the entire blower case reducing operating sound and cabinet condensation potential
- Coil-mounting track for quick 4-way, multi-positioning



The Goodman brand AVPTC and MBVC Air Handlers are ComfortNet™ compatible. Homeowner benefits of this system include advanced diagnostics, automatic maintenance alerts and continuous monitoring of the system's performance.

IMPRESSIVE FEATURES AND BENEFITS:

GOODMAN® BRAND AIR HANDLERS ADVANTAGES

Standard Features for both AVPTC and MBVC Air Handlers

- ComfortNet™ Communicating System-compatible
- 10-Year Parts Limited Warranty*
- 1.5 to 5-ton blower capacities
- High-efficiency, variable-speed ECM motor
- Embossed cabinet and doors increase cabinet strength
- Foil-faced insulation internally covers the entire blower case reducing operating sound and cabinet condensation potential
- Easily convertible multi-position capability: upflow, downflow or horizontal

- Tool-less filter access
- AHRI Certified; ETL Listed

AVPTC Features

- All-ALUMINUM evaporator coil
- Rigid SmartFrame™ cabinet
- Factory-installed filter rack
- Glue-less cabinet insulation retention
- Screw-less sides and back further reduce cabinet condensation potential
- Multiple airflow positions
- Transformer and blower time-delay
- Multiple electrical knockouts
- Field-installed electric heat from 3-25 kW

- Coil-mounting track for quick 4-way repositioning
- Easy single-bulb UV light compatibility
- 21" depth for easier attic access

MBVC Features

- System efficiencies from 13 up to 18 SEER
- Modular 2-piece design allows for easy installation, upflow, downflow and horizontal
- Field-installed heat strips from 5-20 kW

Talk to your Goodman brand dealer about opportunities to optimize the efficiency of your new unit.

OUTSTANDING WARRANTY* PROTECTION



*Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

ADDITIONAL INFORMATION

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.



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Compare the AVPTC and MBVC Air Handler advantages to other Goodman® brand models:

Air Handler Models	10-Year Parts Limited Warranty*	Capacity 1½- 5-Tons	Blower Motor Type	Stored Diagnostics	ALL-ALUMINUM Evaporator Coil	Factory-Installed TXV	R-22 Refrigerant Compatible
AVPTC	•	•	Variable ECM	•	•	•	
MBVC	•	•	Variable ECM	•			•
ASPT	•	•	Fixed Speed ECM (EEM)		•	•	
ASUF	•	•	Multi-Speed ECM (EEM)		•		•
ARPT	•	•	Multi-Speed		•	•	
ARUF	•	•	Multi-Speed		•		•
MBR	•	•	Multi-Speed				•

*Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation and the unit must be installed in conjunction with a new split-system air conditioner or heat pump to which it is properly matched by the installer. Online registration is not required in California or Quebec.



GOODMAN – A MEMBER OF DAIKIN GROUP

Daikin Industries, Ltd. (DIL) is a Fortune 1000 company with more than 49,000 employees worldwide, making it the number one residential and commercial HVAC manufacturer in the world. Daikin is engaged primarily in the development, manufacture, sales and aftermarket support of heating, ventilation, air conditioning and refrigeration equipment, refrigerants and other chemicals, as well as oil hydraulic products. DIL is headquartered in Osaka, Japan, has manufacturing operations in 18 countries and a sales presence in more than 90 countries.

The company provides innovative, premium quality indoor climate management solutions to meet the changing needs of residential, commercial and industrial customers.



Our continuing commitment to quality products may mean a change in specifications without notice.
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