

UP TO 23 SEER PERFORMANCE



Air Conditioning & Heating

# AVPTC AND MBVC

HIGH-EFFICIENCY 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

### THE COILS: A CRITICAL COMPONENT TO MAXIMUM COMFORT

Goodman brand air handlers are designed to deliver years of efficient cooling. We use high-quality, long-lasting tubing that withstands the rigors of typical use. The tubing is grooved to ensure optimum heat transfer. All air handlers feature all aluminum coil construction as a standard feature.

This durable tubing is mechanically bonded to our aluminum fins. Most models use our enhanced ripple-edged design, giving you even heat transfer that's efficient and economical. Then, to ensure consistent comfort, every coil is tested three times to detect leaks.

### BEYOND TEMPERATURE CONTROL

Goodman brand high-efficiency air handlers feature a variable-speed blower motor. The variable-speed motor enables more even distribution of the air from room-to-room and floor-to-ceiling, reducing the likelihood of hot and cold spots in the house. Plus – the AVPTC and MBVC Air Handlers are ComfortNet™ Communicating Systems compatible.

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

### QUIET OPERATION

Variable Speed ECM Blower Motors provide gradual startup and shutdown for quiet, unobtrusive operation with lower energy consumption compared to standard efficiency motors across a wide range of operating speeds. Constant low-speed operation provides outstanding filtration and comfort level.



The Goodman brand AVPTC and MBVC Air Handlers are ComfortNet™ Communicating Systems compatible. ComfortNet provides a host of comfort and convenience features that can offer a new level of home comfort control, starting with the easy-to-read, full-color LCD display on the ComfortNet thermostat.

The full-color touch screen display allows easy viewing and quick, simple adjustment to your programmed schedules and temperature settings through the user-friendly interface. You have the flexibility of customizing the screen appearance. ComfortNet gives you the convenience of viewing the outdoor temperature from the thermostat and allows you to see a history of any system changes made over time.

Some ComfortNet thermostat models include wireless network connectivity, so you can modify your system settings down the street or from a different time zone using a smart phone or tablet with an internet connection. The wireless connectivity also allows remote on site connectivity and additional temperature and humidity monitoring options through add-on wireless devices.

ComfortNet products make installation and setup easier than many base, or non-communicating control model products, ensuring your system will be optimized for the most efficient operation. The control provides constant monitoring and notification of a system issue letting you know when it's time to change your air filter or when other system maintenance may be needed.

**Ask your dealer about ComfortNet — control that is simple, accurate, automatic and very convenient.**

# IMPRESSIVE FEATURES AND BENEFITS: GOODMAN® BRAND AIR HANDLERS AND COILS

## MBVC MODULAR BLOWER MOTOR

- 1.5- to 5-ton blower capacities
- Used with CA upflow/downflow and CH horizontal coils
- Modular 2-piece design allows for easy installation
- Modular configurations with upflow, counterflow and horizontal positions
- ComfortNet™ Communicating Systems compatible
- Field-installed heat strips from 3-20 kW
- Variable-speed ECM blower motor

## AVPTC AIR HANDLER

- 1.5- to 5-ton blower capacities
- All- aluminum coil
- Variable-speed motors
- ComfortNet™ Communicating Systems compatible
- Factory-installed filter rack
- Field-installed electric heat from 3-25 kW
- Foil-faced insulation
- Multiple airflow positions
- Smartframe™ cabinet
- Improved humidity control and comfort
- 12 airflow settings

Model	Capacity	Blower Motor Type	All-Aluminum Evaporator Coil	Factory-Mounted Internal TXV	ComfortNet™ Compatible	R-410 Chlorine-Free Refrigerant Compatible
AVPTC	1.5 - 5.0-Tons	Variable-Speed ECM	•	•	•	•
MBVC	1.5 - 5.0-Tons	Variable-Speed ECM			•	

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

## OUTSTANDING WARRANTY\* PROTECTION



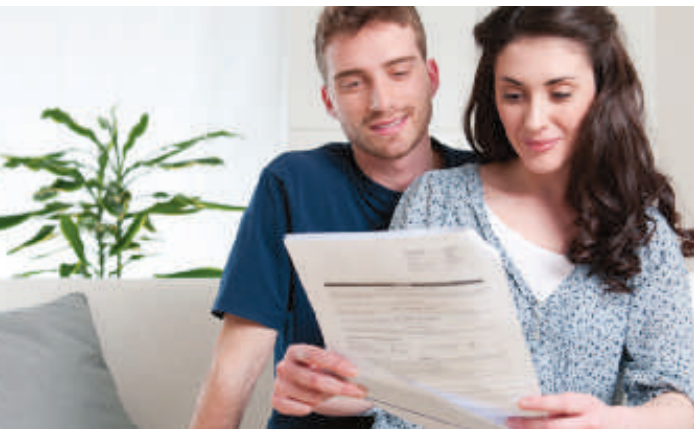
\*Complete warranty details available from your local dealer or at [www.goodmanmfg.com](http://www.goodmanmfg.com). To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

## 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.



**Thank goodness for Goodman®**



## Why are homeowners talking about Goodman?



### The reviews are in!

Each day more and more homeowners say, 'Thank goodness for Goodman®'. Find out why by visiting [www.goodmanmfg.com/reviews](http://www.goodmanmfg.com/reviews).



## GOODMAN – A MEMBER OF DAIKIN GROUP

Daikin Industries, Ltd. (DIL) is a global Fortune 1000 company with more than 50,000 employees worldwide, making it the number one residential and commercial HVAC manufacturer in the world. DIL is engaged primarily in the development, manufacture, sale 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.



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