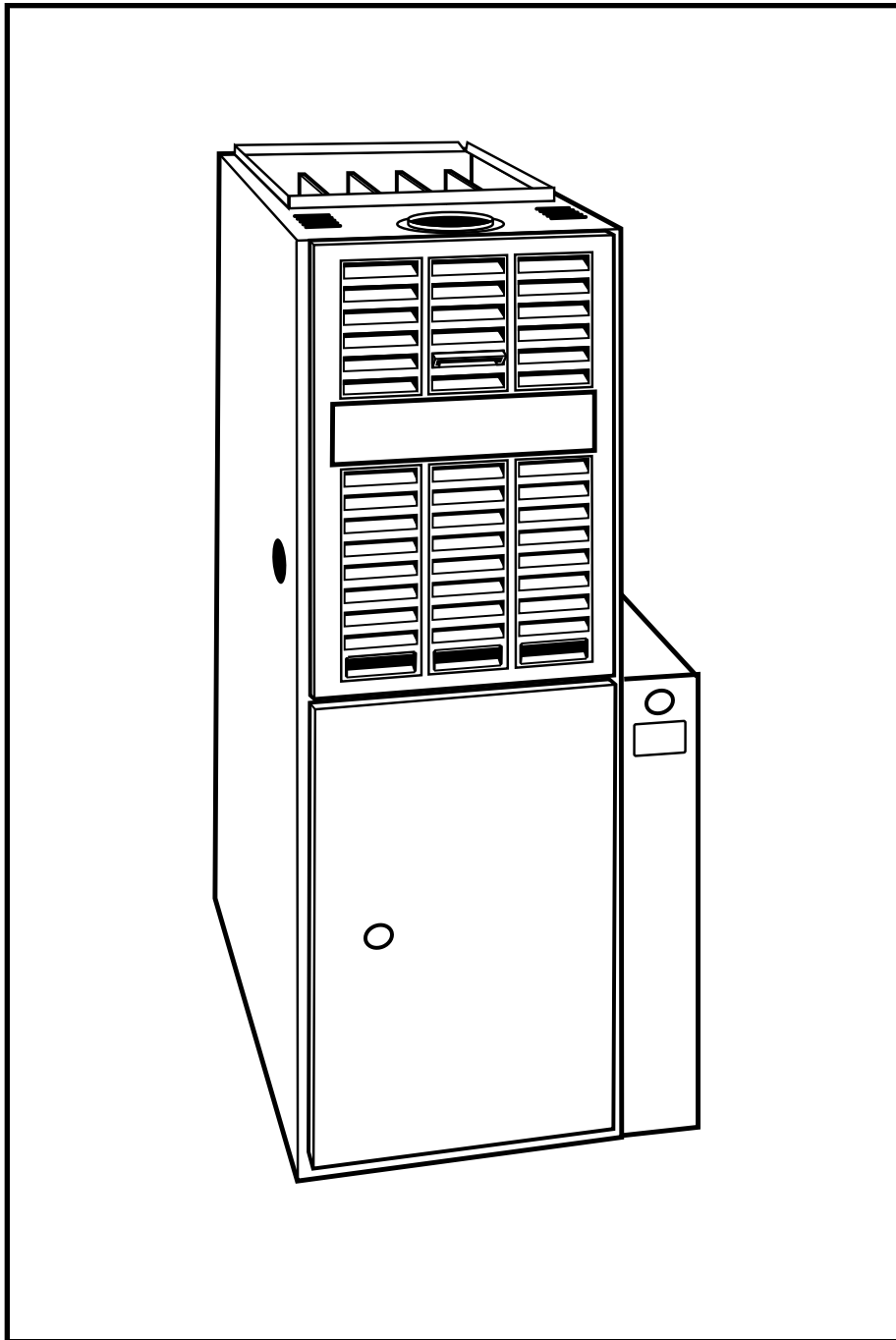




Product Data

58WAV WeatherMaker® 8000 Energy-Efficient Deluxe Upflow Furnace

Series 150 and 160
Input Capacities:
45,000 thru 155,000 Btuh



Advanced Technology for Energy-Efficient Gas Furnaces

Carrier leads the industry with its new WeatherMaker® 8000 Induced-Draft Gas Furnace. This furnace is built with the most advanced manufacturing equipment, processes, and technology available in order to ensure top quality. Packed into the cabinet are the industry's foremost dealer and homeowner features. All models are GAMA efficiency rating certified and certified for use in California Air Quality Management Districts.

These induced-combustion, gas-fired furnaces offer not only low installation costs, but fuel economy as well — delivering an Annual Fuel Utilization Efficiency (AFUE) rating of 80.0 percent. The Carrier WeatherMaker 8000 utilizes a hot surface, silicon carbide ignition system to save energy and increase reliability.

Our design uses the patented S-shaped 4-pass heat exchanger, a soft mount inducer assembly, and a slow opening gas valve to improve sound level. The Super-S heat exchanger provides better heat transfer while enabling us to make a compact furnace. This provides more room in closet, utility room, and short basement installations. The heat exchanger is constructed of aluminized steel and is backed by a 20-year Limited Warranty.

The Carrier WeatherMaker 8000 Gas Furnace will meet your home heating requirements. This furnace family provides the widest range of heating capacities available.

The superior attention to cabinet detail is obvious. The Carrier WeatherMaker 8000 features 1-piece,

seamless, wrap-around construction. There are no spot welds on the exterior surfaces of the WeatherMaker 8000 Furnace. There is also double protection for the cabinet. First, a galvanized steel substrate provides resistance to rusting. Then the cabinet is constructed of prepainted steel—the same high-quality finish found on refrigerators and dishwashers.

Perhaps the most advanced feature of the WeatherMaker 8000 is the microprocessor control board. The simplified electronics in this control board provide high reliability while performing many of the functions of older, electro-mechanical devices in other furnaces. Advanced features of the board show true leadership in furnace technology. The control board

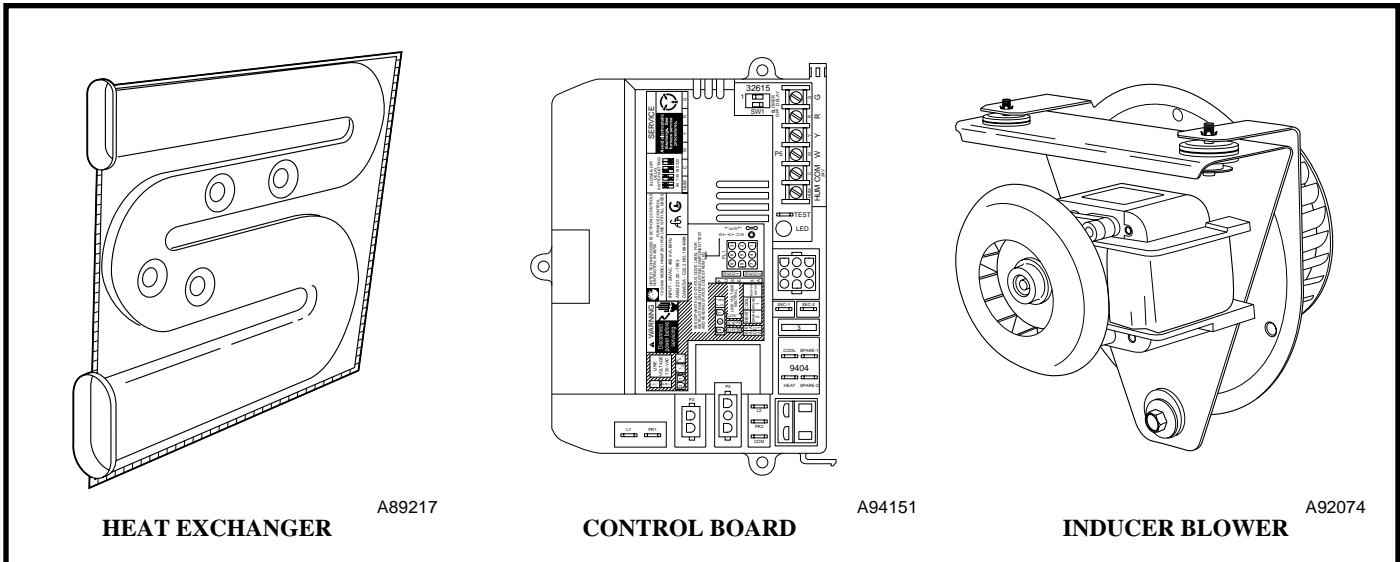
provides blower delay at start-up and shutdown, while monitoring furnace operations and functions. In the unlikely event of a service call, in less than a minute, the technician can use the self-test feature to determine if a major component has failed. The control board will check itself, then the inducer, silicon carbide ignition, low- and high-speed blower, and the humidifier connections. The control board also features a 3-amp fuse that protects the transformer and control board. Another feature on the control board is an LED status indicator light to ensure top furnace performance.

Our induced-combustion furnace has a patented draft safeguard switch. The draft safeguard switch will stop furnace operation if the vent system becomes

blocked or is not operating properly.

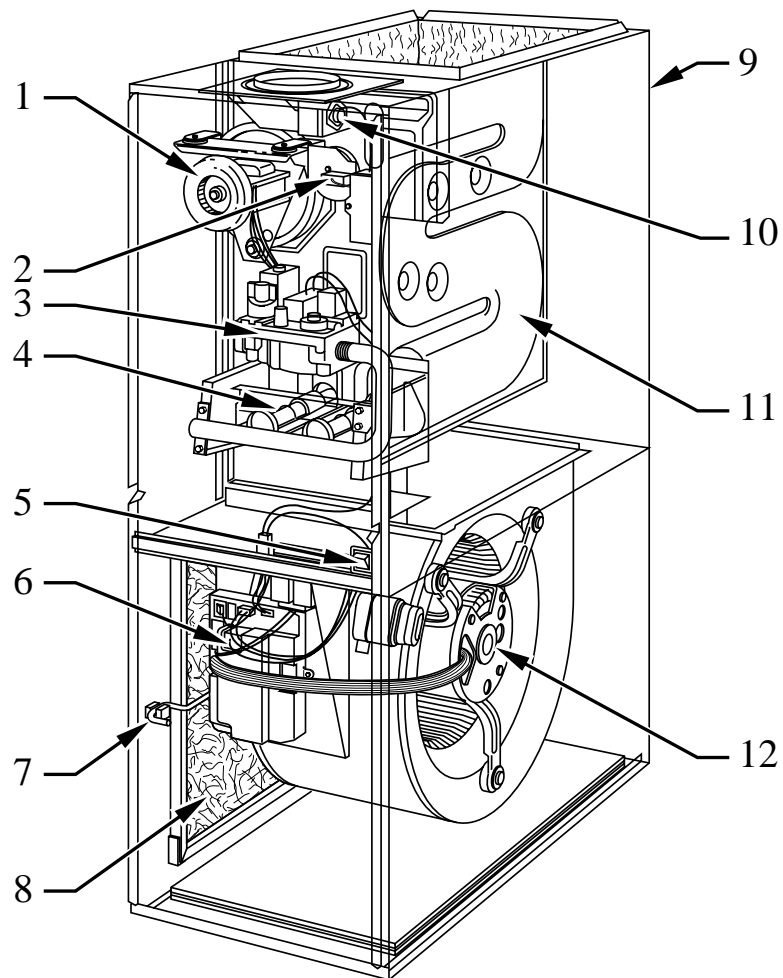
Enhanced indoor air quality in your home is made easier with our media filter cabinet—a standard accessory on all deluxe upflow furnaces. When installed as a part of your system, this cabinet allows for easy and convenient addition of a Carrier high-efficiency air filter.

Best of all, the Carrier WeatherMaker 8000 is made to be easily installed. Many features make this furnace the easy choice for replacement or new construction markets. Left and right connections are provided for gas and electrical supplies. An easy-to-remove bottom, blower speed selector, cased or uncased cooling coils, low-voltage humidifier, and electronic air cleaner terminal connections are among other features.



Model number nomenclature





A98062

NOTE: The 58WAV Furnaces are for use with natural gas. These furnaces can be field-converted for propane gas with a factory-authorized and listed accessory conversion kit.

NOTE: Control location and actual control may be different than shown above.

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|-----------------------------|---------------------------|
| ❶ Inducer Assembly | ❷ Air Filter Retainer |
| ❸ Pressure Switch | ❸ Air Filter |
| ❹ Gas Control Valve | ❹ Wrap-Around Casing |
| ❺ Burner Assembly | ❺ Draft Safeguard Switch |
| ❻ Blower Door Safety Switch | ❻ Heat Exchanger |
| ❼ Control Board | ❼ Blower and Blower Motor |