

# Tempstar® Gas Furnaces



**SmartComfort® Deluxe Series**  
**F9MAE/F9MVE/F8MVL**

**SmartComfort® Series**  
**F9MXT/F9MXE/F8MTL**

**TEMPSTAR®**  
Heating and Cooling Products  
**Quality you can feel.**



## BUILT WITH STRENGTH

When you choose Tempstar® heating and cooling equipment, you're choosing dependability and innovation in home comfort. We are proud to give you the latest in engineering and technology. Each unit is 100% run tested, and we design our products to give you the best in quality, energy efficiency and reliability. We take pride in surpassing your expectations and delivering quality you can feel.

## BACKED BY EXCEPTIONAL WARRANTIES

The only No Hassle Replacement™ limited warranty that you'll find in the industry backs every Tempstar SmartComfort® product. It means comfort with no questions. We'll replace your unit if the heat exchanger fails within the covered period. We give you extra coverage in addition to a 10-year parts limited warranty.\*



## SMARTCOMFORT® GAS FURNACES

The SmartComfort gas furnace series offers our best comfort in the cold seasons, from the highest featured Observer® communicating system to the budget-friendly with available modulating gas valve, variable-speed fan motor, and sound-reducing insulated blower compartments.

\*To the original owner, Tempstar products are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is 5 years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate for complete details.

## WHAT IS A GAS FURNACE?

Tempstar gas furnaces are designed for the best durability and comfort. The warmth and efficiency of natural gas combined with a quiet, efficient blower motor delivers comfort throughout the cold seasons. The gas furnace can also be combined with an indoor evaporator coil and properly matched outdoor air conditioner or heat pump to provide cooling during the warm seasons.



Gas Furnace

## WHAT SETS TEMPSTAR® GAS FURNACES APART?

- 1. Reliable** – Direct hot surface ignition system features an advanced silicon nitride igniter and in-shot burners for greater reliability.
- 2. Safe** – Temperature limit control, reliable gas valve and induced draft motor all help ensure safe operation.
- 3. Quiet** – Solid pre-painted steel insulated cabinet with tight-fit door latch system, blower motor isolated behind a sealed door, and soft-mount rubber gaskets on key components lower operating sounds.
- 4. Efficient** – ECM variable-speed blower motor provides efficiency. (Available on many models.) Models with ECM fan motors are also compatible with two-stage cooling, and their advanced dehumidification capability can reduce additional moisture in the air when paired with an air conditioner or heat pump and a humidity-sensing thermostat.
- 5. System Control** – State-of-the-art electronic controls monitor system operation and allow for faster, easier system diagnostics.
- 6. Observer® Communicating Wall Control** – SmartComfort Deluxe models are teamed with our innovative Observer communicating wall control, offering full-color touchscreen technology and coordinating with compatible air conditioners and system accessories to create maximum efficiency and ideal comfort.

## WHAT MATTERS IN A GAS FURNACE?

Get the most out of a heating system by choosing the gas furnace that fits your comfort needs. All of our gas furnaces include comfort enhancing and durable features to deliver lasting performance. For the maximum combination of comfort, efficiency and convenience, ask about our Observer communicating system models with Wi-Fi® capability. For more consistent temperature control, look for modulating or two-stage models. For year-round efficiency as the furnace blower runs during the cooling season, look for variable-speed and ECM blower motors. Our quietest models feature insulated blower and heater compartments. And our No Hassle Replacement limited warranty is offered on our premium products to give you peace of mind. Tempstar gas furnaces offer energy efficiency, increased comfort, durable performance, and quiet operation.

## EFFICIENCY RATINGS—WHAT DO THEY MEAN?

**Annual Fuel Utilization Efficiency (AFUE)**—Measures the heating efficiency of a gas furnace. The higher the AFUE, the greater the gas heating efficiency and energy savings potential.

**ENERGY STAR®** —A U.S. Environmental Protection Agency program to identify and promote energy-efficient products in order to reduce energy consumption.

### F9MAE SMARTCOMFORT® DELUXE 98 GAS FURNACE

- Up to 98% AFUE heating efficiency
- Modulating gas valve
- Variable-speed ECM fan motor
- Communicating capability
- 10-year No Hassle Replacement™ limited warranty
- Lifetime heat exchanger limited warranty (upon timely registration)
- 10-year parts limited warranty (upon timely registration)

UP TO  
**98%**  
AFUE



### F9MXT SMARTCOMFORT® 96 GAS FURNACE

- Up to 96% AFUE heating efficiency
- Two-stage gas valve
- ECM fan motor
- 5-year No Hassle Replacement™ limited warranty
- Lifetime heat exchanger limited warranty (upon timely registration)
- 10-year parts limited warranty (upon timely registration)

UP TO  
**96%**  
AFUE



### F9MVE SMARTCOMFORT® DELUXE 96 GAS FURNACE

- Up to 96% AFUE heating efficiency
- Two-stage gas valve
- Variable-speed ECM fan motor
- Communicating capability
- 10-year No Hassle Replacement™ limited warranty
- Lifetime heat exchanger limited warranty (upon timely registration)
- 10-year parts limited warranty (upon timely registration)

UP TO  
**96%**  
AFUE



### F9MXE SMARTCOMFORT® 96 GAS FURNACE

- Up to 96% AFUE heating efficiency
- Single-stage gas valve
- ECM fan motor
- 1-year No Hassle Replacement™ limited warranty
- Lifetime heat exchanger limited warranty (upon timely registration)
- 10-year parts limited warranty (upon timely registration)

UP TO  
**96%**  
AFUE



Qualifying models only

### F8MVL SMARTCOMFORT® DELUXE 80 GAS FURNACE

- 80% AFUE heating efficiency
- Two-stage gas valve
- Variable-speed ECM fan motor
- Communicating capability
- 10-year No Hassle Replacement™ limited warranty
- 20-year heat exchanger limited warranty
- 10-year parts limited warranty (upon timely registration)

**80%**  
AFUE

### F8MTL SMARTCOMFORT® 80 GAS FURNACE

- 80% AFUE heating efficiency
- Two-stage gas valve
- 5-year No Hassle Replacement™ limited warranty
- 20-year heat exchanger limited warranty
- 10-year parts limited warranty (upon timely registration)

**80%**  
AFUE



Tempstar® Gas Furnace Options	SMARTCOMFORT® DELUXE			SMARTCOMFORT®		
	F9MAE	F9MVE	F8MVL	F9MXT	F9MXE	F8MTL
<b>Comfort Features</b>						
Quiet Operation	<b>Best</b>	<b>Best</b>	<b>Best</b>	<b>Better</b>	<b>Better</b>	<b>Better</b>
Temperature Control	<b>Best</b>	<b>Best</b>	<b>Best</b>	<b>Better</b>	<b>Better</b>	<b>Better</b>
<b>Efficiency</b>						
Heating AFUE	<b>Up to 98</b>	<b>Up to 96</b>	<b>80</b>	<b>Up to 96</b>	<b>Up to 96</b>	<b>80</b>
SEER boosting ECM Fan Motor	•	•	•	•	•	
<b>Design Features</b>						
Observer® Communicating System compatible (when installed with Observer Wall Control with Wi-Fi®)	•	•	•			
Modulating (multi-stage) Gas Valve	•					
Two-stage Gas Valve		•	•	•		•
Variable-speed Fan Motor	•	•	•			
<b>Peace of Mind</b>						
10-Year Parts Limited Warranty	•	•	•	•	•	•
No Hassle Replacement™ Limited Warranty	<b>10-yr</b>	<b>10-yr</b>	<b>10-yr</b>	<b>5-yr</b>	<b>1-yr</b>	<b>5-yr</b>
Heat Exchanger Limited Warranty	<b>Lifetime</b>	<b>Lifetime</b>	<b>20-yr</b>	<b>Lifetime</b>	<b>Lifetime</b>	<b>20-yr</b>

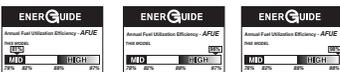
Many models are ENERGY STAR® qualified. Ask your contractor for details or visit [www.energystar.gov](http://www.energystar.gov).

Timely registration required for 10-year parts limited warranty and lifetime heat exchanger limited warranty. Limited warranty period is 5 years for parts and 20 years for heat exchanger if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty periods. Please see warranty certificate for further details and restrictions.

All systems tested and listed by the appropriate agencies.



ISO 9001: 2000 Registered



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