



TEMPSTAR®

Heating and Cooling Products

SmartComfort® IIX 96

Two-Stage Gas Furnace



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Tempstar® professionals take pride in bringing you the latest technology in home comfort, with the goal of surpassing your expectations in energy efficiency and dependability. From engineering and design to industry-leading warranties, we are dedicated to always delivering quality you can feel.



Eliminate Temperature Swings

Wonder why a typical furnace turns on and off frequently, creating noticeable temperature swings? It could be caused by the rapid heat-up and shutdown cycle of a single-stage heating system. With a two-stage system, the furnace automatically adjusts to the temperature—normally operating at a quieter, primary stage and adjusting to full capacity to boost heat when temperatures drop. An integrated control system adjusts the flow of gas and the speed of the blower motor to each stage. When matched with select Tempstar® air conditioners and evaporator coils, the furnace's ECM blower motor can also increase cooling efficiency, boosting your system's

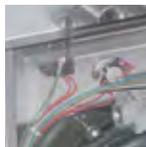
SEER[†] rating.[‡] Tempstar furnaces include a number of features in every unit that ensure minimal operating noise, including a sturdy steel cabinet that is thermal lined and insulated, a sealed blower compartment and soft-mount components.

[†]SEER stands for Seasonal Energy Efficiency Ratio.

[‡]As compared to the Air-Conditioning, Heating and Refrigeration Institute's standard coil-only rating.



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



Comfort Two-stage redundant gas valve and two-speed induced draft blower adjust to higher or lower settings when more or less heat is needed. Heated air is delivered by an efficient ECM blower motor. This model is also compatible with two-stage cooling. 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.

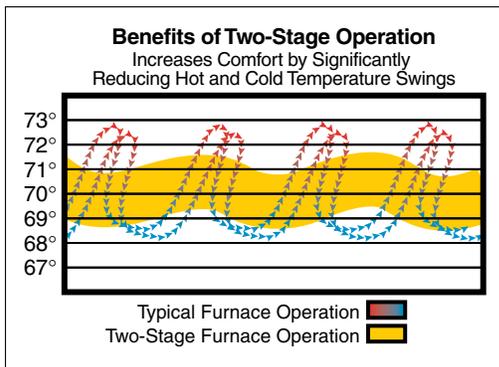


Worry-Free Warranties



Tempstar units are backed by exceptional warranties, including our No Hassle Replacement™ limited warranty, which gives the original purchaser a replacement unit if the heat exchanger should fail due to defect within the first five years. Upon timely registration, you also get a 10 year parts limited warranty and a lifetime limited warranty on the heat exchanger.*

*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.



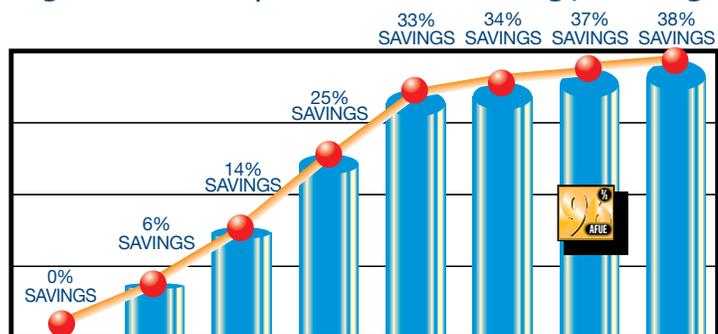
Built-In Reliability



The heart of every furnace is the heat exchanger. The proven RPJ® (Rigid Press Joint) heat exchanger is designed to move more heat to the outside surface for increased heat transfer. The weld-free interlocking clamshell design reduces cracking or separating over the life of the gas furnace. The RPJ heat exchanger plays a significant role in boosting this model's efficiency to a 96% AFUE[‡] rating. So you can count on energy savings, especially compared to an older, less efficient furnace.

‡AFUE stands for Annual Fuel Utilization Efficiency.

Higher AFUE Equals Greater Energy Savings

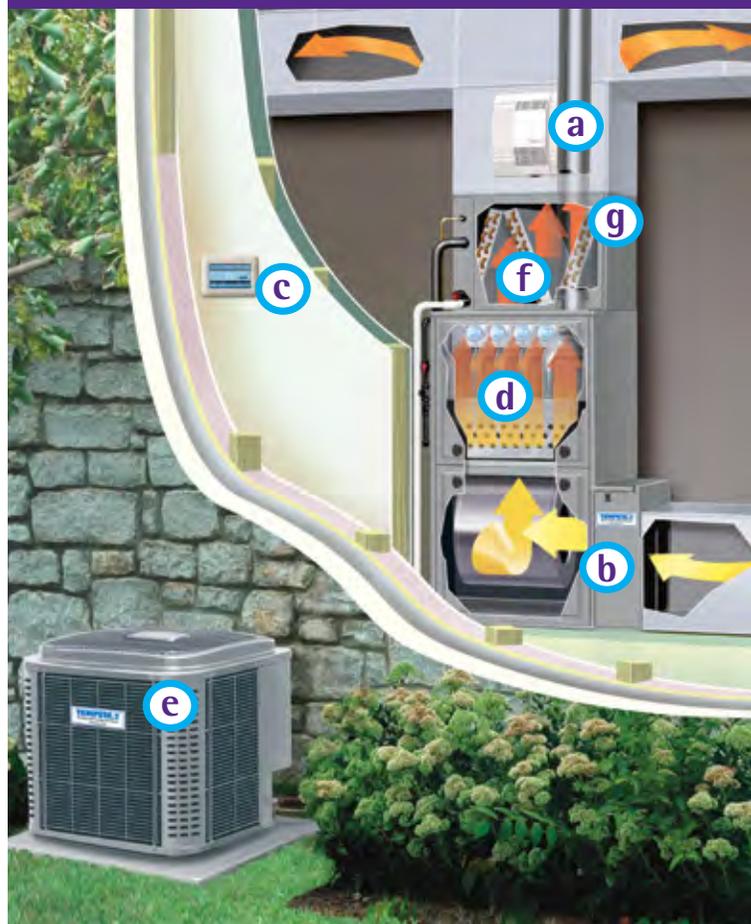


60 AFUE 64 AFUE 70 AFUE 80 AFUE 90 AFUE 92 AFUE 96 AFUE 97 AFUE
Percentage based on national averages; may vary according to efficiency of current unit and installation.

Complete Line, Complete Comfort

A completely integrated system of Tempstar heating and cooling products can maximize comfort and efficiency.

- a HUMIDIFIER**
enhances comfort by reducing dryness in the air.
- b AIR CLEANER**
filters out many indoor air pollutants so the air in your home is cleaner.
- c FULL-COLOR TOUCHSCREEN OBSERVER™ COMMUNICATING CONTROL**
allows you to customize heating and cooling levels and also save energy.
- d FURNACE**
is designed for maximum comfort and high efficiency and built rugged for years of operation.
- e AIR CONDITIONER**
keeps your home cool and comfortable while saving on energy.
- f EVAPORATOR/ INDOOR COIL**
matches your Tempstar air conditioner and furnace to ensure great performance.
- g UV LIGHTS**
help prevent the growth of microbes on the coils. (Not available on all models.)



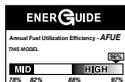
Tempstar Gas Furnace Comparison	MAINLINE MODELS						
	XS 80	IIS 80	VS 80	DLX 96	IIX 96	VT 96	VC 97
MODEL SERIES	F8MX	F8MT	F8MV	F9MXE	F9MXT	F9MVT	F9MAC
AFUE RATING	80%	80%	80%	96%	96%	96%	97%
HEAT EXCHANGER WARRANTY*	20YR	20YR	20YR	LIFE TIME	LIFE TIME	LIFE TIME	LIFE TIME
NO HASSLE REPLACEMENT™ Limited Warranty	1YR	5YR	10YR	1YR	5YR	10YR	10YR
PARTS WARRANTY*	10YR	10YR	10YR	10YR	10YR	10YR	10YR
TWO-STAGE OPERATION Self-adjusting heat modes	●	●	●	●	●	●	●
MODULATING OPERATION Multiple Heat Modes	●	●	●	●	●	●	●
TWO-STAGE COOLING Compatible	●	●	●	●	●	●	●
ADVANCED DEHUMIDIFICATION CAPABILITY	●	●	●	●	●	●	●
STAINLESS STEEL RPJ® Weld-Free Heat Exchanger	●	●	●	●	●	●	●
ALUMINIZED STEEL RPJ® Weld-Free Heat Exchanger	●	●	●	●	●	●	●
VARIABLE-SPEED HIGH EFFICIENCY ECM Circulation Blower Motor	●	●	●	●	●	●	●
HIGH EFFICIENCY ECM Circulation Blower Motor	●	●	●	●	●	●	●
STANDARD PSC Circulation Blower Motor	●	●	●	●	●	●	●
INSULATED BLOWER COMPARTMENT	●	●	●	●	●	●	●
CABINET HEIGHT	33½"	33½"	33½"	35"	35"	35"	35"
LOW NOX Available	●	●	●	●	●	●	●
DUAL FUEL COMPATIBLE with Dual Fuel Thermostat	●	●	●	●	●	●	●

*Many models are ENERGY STAR® qualified. Ask your contractor for details or visit www.energystar.gov.

*AFUE stands for Annual Fuel Utilization Efficiency. Higher number = Greater efficiency.

*Timely registration required for 10 year limited parts warranty and lifetime limited heat exchanger 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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QUALITY YOU CAN FEEL™

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