

**TEMPSTAR**  
Heating and Cooling Products

Ion<sup>®</sup> System and QuietComfort<sup>®</sup>

# GAS FURNACES

## WARM INDOOR COMFORT



Ion System  
F97CMN/F96CTN/F80CTL

QuietComfort Series  
F96VTN/F80VTL





# COMFORT WITH CONFIDENCE



Choose Tempstar heating and cooling equipment so you can enjoy comfort with confidence. Our products deliver exceptional quality, reliability and energy efficiency, backed by time-tested engineering, leading-edge manufacturing, and 100% run testing of every unit we make.

## WHAT MATTERS IN A GAS FURNACE?

### ENERGY SAVINGS



AFUE (Annual Fuel Utilization Efficiency) measures the heating efficiency of a gas furnace. The higher the number, the greater the potential for energy savings. Ion System and QuietComfort Series furnaces offer a range from 80% up to 98.3% AFUE.

### CONSISTENT COMFORT



To keep your comfort consistent, our Ion 98 furnace operates nearly continuously, making subtle adjustments to modulating and adaptable-speed components and automatically selecting the best heating stage to match the changing conditions of your home.

### EASY TO CONTROL



Easily manage your entire home's comfort using the communicating Ion system control via its full-color touch screen, Ion Home mobile app or voice commands.

### QUIET PERFORMANCE



Enjoy quiet system performance by selecting models with insulated cabinet components.

### PEACE OF MIND



Rest easy with a 10-year parts and lifetime heat exchanger limited warranty\* upon timely registration.\*\*

## WHAT SETS TEMPSTAR ION AND QUIETCOMFORT GAS FURNACES APART?

**Reliable** – Our hot surface ignition system features an advanced silicon nitride igniter and in-shot burners for reliable comfort you can count on.

**System Control** – State-of-the-art electronic controls monitor system operation and allow for faster, easier system diagnostics.

**Quiet** – Solid, pre-painted steel insulated cabinet with tight-fit door latch, isolated blower motor, and soft-mount rubber gaskets on key components contribute to quieter operation.

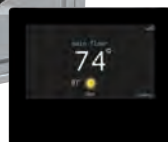


**Safety** – Temperature limit control, reliable gas valve and induced draft motor all promote safe operation.

**Efficiency** – Ion System and QuietComfort Series furnaces include variable-speed ECM fan motors to provide exceptional efficiency. When matched with a Tempstar air conditioner or heat pump and a humidity-sensing thermostat, our furnaces can provide enhanced dehumidification and the potential for additional energy savings.

**Ion System Control** – Our innovative Ion System Control includes full-color touch screen technology for intuitive and powerful command over temperature, humidity, comfort scheduling, energy management and more.

F9 Gas Furnace

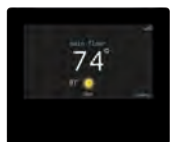


### EXCEPTIONAL PEACE OF MIND

Our No Hassle Replacement™ limited warranty backs every Tempstar Ion System and QuietComfort Series product. It means comfort with no questions. We'll replace your unit if the heat exchanger fails within the covered period.\* This provides extra coverage in addition to a 10-year parts limited warranty.\*\*

## COMPONENTS OF A COMPLETE TEMPSTAR SYSTEM

We offer a complete family of products designed to provide year-round comfort, control and efficiency. Your Tempstar dealer can help create a properly matched system to best fit your needs and your budget.



Thermostats



Air Conditioners



Heat Pumps



Evaporator Coils



## ION SYSTEM AND QUIETCOMFORT SERIES GAS FURNACES

Our Ion System and QuietComfort Series gas furnaces can elevate your comfort when the temperature drops outside. From the fully-featured Ion communicating system to our more budget-friendly options, Tempstar furnaces include features like modulating gas valves, variable-speed fan motors, and sound-reducing insulated blower compartments. Tempstar has a furnace solution for every home.

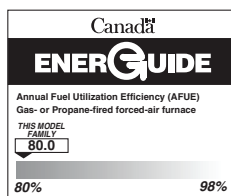
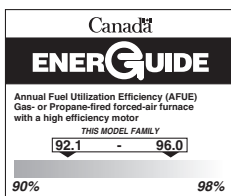
Tempstar Gas Furnace Options	ION SYSTEM			QUIETCOMFORT SERIES	
	F97CMN	F96CTN	F80CTL	F96VTN	F80VTL
<b>Comfort Features</b>					
Quiet Operation	Best	Best	Best	Better	Better
Temperature Control	Best	Best	Best	Better	Better
<b>Efficiency</b>					
Heating AFUE	Up to 98	Up to 96.7	80	Up to 96	80
ECM Fan Motor	•	•	•	•	•
ENERGY STAR® Certified	•	•		•	
<b>Design Features</b>					
Ion Communicating System Compatible	•	•	•		
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*	10-Year	10-Year	10-Year	5-Year	5-Year
Heat Exchanger Limited Warranty*	Lifetime	Lifetime	Lifetime	Lifetime	Lifetime

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

\* See warranty certificate for complete details and exclusions.

\*\* Timely registration required for 10-year parts limited warranty and lifetime heat exchanger limited warranty. Limited warranty period is five years for parts and 20 years for heat exchanger if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. Please see warranty certificate for further details and restrictions.

All systems tested and listed by the appropriate agencies.



ISO 9001: 2015 certified

**TEMPSTAR**  
Heating and Cooling Products

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FUR-001-TS-00  
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F97CMN/F96CTN/F80CTL/F96VTN/F80VTL Series  
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