

Arcoaire® Gas Furnaces

**Arcoaire**<sup>®</sup>  
Air Conditioning & Heating

*Enduring Performance.*



**Ion™ System**  
**F97CMN/F96CTN/F80CTL**  
**QuietComfort® Series**  
**F96VTN**





## Built with strength

When you choose Arcoaire® heating and cooling equipment, it means your home comfort is backed by superior engineering and quality manufacturing so you can enjoy more important things. Each unit is 100% run tested, and we design our products to give you exceptional quality, energy efficiency and reliability. We deliver products that give you the most in home comfort so you can enjoy comfort with confidence.

## Backed by exceptional warranties

Our No Hassle Replacement™ limited warranty backs every Arcoaire 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.\*\*

**NO  
hassle**  
REPLACEMENT™  
LIMITED WARRANTY\*

See warranty certificate for details.

**10 year**  
parts  
limited warranty\*\*

Timely registration required.  
See warranty certificate for details and restrictions.

## Ion System and QuietComfort Series gas furnaces

The Ion System and QuietComfort Series gas furnaces offer our best comfort in the cold seasons, from the highest featured Ion™ communicating system to the budget-friendly. With available features like modulating gas valves, variable-speed fan motors, and sound-reducing insulated blower compartments, there's a furnace for every home.

\* See No Hassle Replacement limited warranty certificate for complete details and exclusions.

\*\* To the original owner, Arcoaire products are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is five years if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. See warranty certificate for complete details.

## What is a gas furnace?

Arcoaire gas furnaces are designed for 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.



F9 Gas Furnace

## What sets Arcoaire® gas furnaces apart?

- 1. Reliable** – Direct hot surface ignition system features an advanced silicon nitride igniter and in-shot burners for greater reliability.
- 2. Safety** – Temperature limit control, reliable gas valve and induced draft motor all promote 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** – All Ion System and QuietComfort Series models have variable-speed ECM fan motors that 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. Deluxe models with variable-speed blower motors provide extra efficiency.
- 5. System Control** – State-of-the-art electronic controls monitor system operation and allow for faster, easier system diagnostics.
- 6. Ion™ Communicating Wall Control** – Ion System models are teamed with our innovative Ion communicating wall control, offering full-color touch screen technology and coordinating with compatible air conditioners and system accessories to create superior efficiency and complete 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 ultimate of comfort, efficiency and convenience, ask about our Ion™ 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 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.\* Arcoaire 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.

### F97CMN Ion™ 98 Gas Furnace

- Up to 98% AFUE heating efficiency
- Modulating gas valve
- Variable-speed constant airflow 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

### F96VTN QuietComfort® 96 Gas Furnace

- Up to 96% AFUE heating efficiency
- Two-stage gas heat
- Variable-speed ECM fan motor
- Five-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

### F96CTN Ion™ 96 Gas Furnace

- Up to 96.7% AFUE heating efficiency
- Two-stage gas heat
- Variable-speed constant airflow 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  
**96.7%**  
AFUE

### F80CTL Ion™ 80 Gas Furnace

- 80% AFUE heating efficiency
- Two-stage gas heat
- Variable-speed constant airflow 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)\*\*

**80%**  
AFUE

Wi-Fi® is a registered trademark of Wi-Fi Alliance Corporation  
ENERGY STAR® and associated logos are registered trademarks of the U.S. Environmental Protection Agency



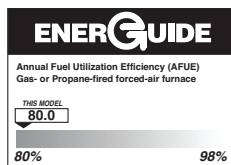
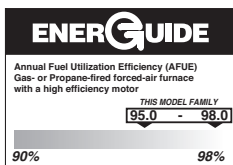
	ION™ SYSTEM			QUIETCOMFORT® SERIES
Arcoaire® Gas Furnace Options	F97CMN	F96CTN	F80CTL	F96VTN
<b>Comfort Features</b>				
Quiet Operation	Best	Best	Best	Better
Temperature Control	Best	Best	Best	Better
<b>Efficiency</b>				
Heating AFUE	Up to 98	Up to 96.7	80	Up to 96
SEER Boosting ECM Fan Motor	•	•	•	•
<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-yr	10-yr	10-yr	5-yr
Heat Exchanger Limited Warranty**	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 No Hassle Replacement limited 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: 2000 Registered



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