



FRIGIDAIRE®

COMFORT THAT FITS YOUR LIFE

*Trust* FRIGIDAIRE

For Complete Home Comfort

# Complete comfort

goes beyond temperature.

Complete home comfort depends on many variables, such as square footage, number of floors, sun exposure, climate and even building materials. But beyond that, complete comfort in today's heating and cooling systems has just as much to do with air quality.

That's why Frigidaire has developed a complete line of heating and cooling products and air quality accessories to truly give you complete home comfort all year-round.

## *Unsurpassed in Protection Today, Tomorrow and Always*



Frigidaire units offer an incredible customer promise that protects your investment. Every product offers one of the best warranties in the industry - a 10-year limited warranty on all parts, and a lifetime heat exchanger warranty when product is registered.



Our Comfort Quality Pledge\* states that if within the first 10 years a compressor or heat exchanger goes out, we will replace the entire unit, when registered. Your Frigidaire expert can give you full details on this incredible package.

Frigidaire accessories when purchased, installed and registered with a Frigidaire heating or cooling system carry the system warranty.

For more information on Frigidaire warranties, ask your Frigidaire expert, or visit us at [frigidairehvac.com](http://frigidairehvac.com). Registration required.

\*ESA/ESH models carry a one-year Comfort Quality Pledge when registered.

# Energy

## definitions.

Our heating and cooling systems are rated for energy efficiency, as the rating increases, so does the unit's efficiency.

### **SEER Seasonal Energy Efficiency Ratio**

Measures cooling efficiency on air conditioners, heat pumps and gas/electric products.

### **HSPF Heating Seasonal Performance Factor**

A measure of the average number of Btu of heat delivered for every watt-hour of electricity used by the heat pump over the heating season.

### **AFUE Annual Fuel Utilization Efficiency**

Measures the amount of heat actually delivered to your house compared to the amount of fuel you must supply to the furnace. A furnace that has a 90% AFUE rating converts 90% of the fuel you supply to heat - the other 10% is lost out of the chimney.

## *Government Energy Efficiency Standards*

- 13 SEER or higher for air conditioners (Northern climates only)
- 14 SEER & 8.0 HSPF or higher for heat pumps
- 80% AFUE or higher for gas/oil heating in the United States; 90% AFUE or higher in Canada

## *EPA Guidelines for ENERGY STAR® Ratings*

- 15.0 SEER/12.5 EER or higher for air conditioners
- 15.0 SEER/12.5 EER/8.5 HSPF or higher for heat pumps
- 15.0 SEER/12.0 EER/8.2 HSPF or higher for packaged systems
- 90% (South), 95% (North) AFUE or higher, have an approved energy-efficient blower motor and cabinet air leakage of less than or equal to 2% for gas heating
- 85% AFUE or higher for oil heating

# What does having a newer, more-efficient system mean?

**Any system installed before 2005 falls well below the energy efficiencies of today's Frigidaire complete comfort systems.**

Over 90% of homes that installed a cooling system between 1992 and 2005 were rated at 10 SEER for cooling. Before 1992, the average was 6 SEER. As for heat pumps, minimums from 1992 to 2005 were at 6.8 HSPF, while before 1992 they were at 5.0 HSPF. And if your furnace was installed before 1994, it likely had a rating around the 60% AFUE range.

So obviously, a new Frigidaire heating and cooling system will keep you much more comfortable while saving you money for years to come.





# Choose from three types of heating and cooling systems.

Your Frigidaire heating and cooling contractor can help you pick the right system for your needs. Then it can be customized with added features and accessories to design the perfect complete comfort system for improved air quality and reliable comfort for years to come.

## **Split System Air Conditioner or Heat Pump and Furnace**

In the most common configuration, the cooling system includes the outdoor air conditioner or heat pump and the indoor coil, which is attached to the furnace. The furnace uses natural gas, propane or oil fuel to produce heat during the winter. If a heat pump is installed, it too can produce heat for energy cost savings. When a heat pump is installed with a furnace, it is often referred to as a dual-fuel system. The furnace blower is used year-round to distribute the air throughout the home.

## **Split System Heat Pump and Air Handler**

This system provides all-electric heating and cooling. The indoor section of the heat pump is an air handler, which is a blower and coil system that distributes the air year-round. Adding on heater kit accessories can further these systems into colder climates.

## **Packaged Heating and Cooling System**

This system is self-contained into one outdoor section to include the blower and coil. There are four types of self-contained systems available: An air conditioner, a heat pump, a gas/electric packaged system or dual fuel, which combines gas heat and electric cooling.



ecoLogic® is your sign of environmentally-friendly, high-efficiency heating and cooling products. Only the most energy-efficient, most environmentally-responsible units receive our ecoLogic seal of quality.



iSEER® is built-in technology that can increase cooling efficiency. When paired with a matched standard-efficiency outdoor unit, iSEER two-stage furnaces can increase SEER up to one point. The heart of iSEER is its ultra efficient motor. iSEER furnaces use a brushless DC motor instead of a standard PSC motor. This more efficient motor is combined with advanced programming controls for an incredibly sophisticated design that creates superior home comfort and efficiency.

# The iQ Drive<sup>®</sup> Ultimate

Complete Comfort System

*iQ Drive Air Conditioner  
with 96% AFUE Two-Stage,  
Variable-Speed  
Gas Furnace System*

(96% AFUE gas furnace  
available in dedicated upflow and  
downflow applications)



## Features and Benefits

- 20 SEER Cooling/96% AFUE Heating Ratings
- Extremely quiet operation from iQ Drive® inverter technology, swept-wing fan blades, sound-absorbing base on outdoor unit, fully insulated furnace cabinet, 2 speed vent motor and 16 speed blower
- High-end finish designed to reduce fading, scratching and corrosion
- Variable speed for better humidity control and temperature balance
- Programmable thermostat offers various custom level programming
- Capacity levels continuously adjust in response to outdoor and indoor temperature in the summer, and indoor temperature in the winter for an overall better comfort level and reduced energy use



## Energy Consumption

Compared to the average system installed in homes between 1990 and 2005:

- More than twice as efficient in cooling\*
- Up to 62% more efficient in heating\*

## Also Available

- 20 SEER iQ Drive Air Conditioner\*\* and Air Handler System.
- 20 SEER iQ Drive Air Conditioner\*\* with 80% AFUE Two-Stage, Variable-Speed Gas Furnace† System for warm climates that do not need extra high-efficiency gas heating. Upflow/horizontal and downflow models available.
- 20 SEER iQ Drive Air Conditioner\*\* with 95.1% AFUE Two-Stage, Variable-Speed Gas Furnace\*\*† for cooler climates that need extra-high efficiency gas heating. Upflow/horizontal applications available.
- 20 SEER/81% AFUE iQ Drive Gas/Electric Packaged System\*\*† for areas of the country that have a single packaged system sitting outside the home. (industry leading)



\* Compared to 10 SEER cooling/60% AFUE heating

\*\* Meets the ENERGY STAR Certified requirements

† If installed in SCAQMD only: These furnaces and gas/electric packaged system do not meet the SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to \$450. These furnaces and gas/electric packaged system are not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

# The iQ Drive® Ultimate

Complete Comfort System

*iQ Drive Heat Pump  
with Air Handler System*





## Features and Benefits

- Up to 19 SEER/up to 10.0 HSPF Heat Pump/Air Handler Ratings
- Extremely quiet features include iQ Drive inverter technology, swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated air handler cabinet
- High-end finish designed to reduce fading, scratching and corrosion
- Variable speed for better humidity control and temperature balance
- Programmable thermostat offers various custom level programming
- Capacity levels continuously adjust in response to outdoor and indoor temperature in the summer, and indoor temperature in the winter for an overall better comfort level and reduced energy use



## Energy Consumption

Compared to the average system installed in homes between 1990 and 2005:

- More than twice as efficient in cooling\*
- Up to 62% more efficient in heating\*

## Also Available

- Up to 19 SEER/Up to 10.0 HSPF iQ Drive Heat Pump\*\* with 80% AFUE Two-Stage, Variable-Speed Gas Furnace† System for warm climates that do not need extra high-efficiency gas heating. Upflow/horizontal and downflow applications available.
- Up to 19 SEER/Up to 10.0 HSPF iQ Drive Heat Pump\*\* with 95.1% AFUE Two-Stage, Variable-Speed Gas Furnace System† for cooler climates that need extra high-efficiency gas heating. Upflow/horizontal applications available.
- Up to 19 SEER/Up to 10.0 HSPF iQ Drive Heat Pump\*\* with 96% AFUE Two-Stage, Variable-Speed Gas Furnace System for cooler climates that need extra high-efficiency gas heating. Dedicated upflow and downflow applications available.

\* Compared to 10 SEER cooling/6.2 HSPF heating

\*\* Meets the ENERGY STAR Certified requirements

† If installed in SCAQMD only: These furnaces do not meet the SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to \$450. These furnaces are not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

# The Better

## Complete Comfort System

*Up to 16-SEER Split-System  
Air Conditioner with  
95.1% AFUE\* Two-Stage,  
Variable-Speed Gas  
Furnace System*



\* If installed in SCAQMD only: This furnace does not meet the SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus is subject to a mitigation fee of up to \$450. This furnace is not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).



## Features and Benefits

- Up to 16 SEER Cooling/95.1% AFUE Heating Ratings
- Quiet operation from swept-wing fan blades, sound-absorbing base on outdoor unit, fully insulated furnace cabinet, 2 speed vent motor and 16 speed blower
- High-end finish designed to reduce fading, scratching and corrosion
- Variable-speed for better humidity control and temperature balance
- Reduces hot and cold spots
- Lower cooling capacity operation during milder days for better comfort, same for heating in winter
- Programmable thermostat for various custom level programming and service diagnostics

## Energy Consumption

Compared to the average system installed in homes between 1990 and 2005:

- Up to 60% more efficient in cooling\*
- Up to 58% more efficient in heating\*

## Also Available

- Up to 16 SEER Two-Stage Air Conditioner\*\* System with 80% AFUE Variable-Speed Gas Furnace†
- Up to 16 SEER/9.0 HSPF Two-Stage, Variable-Speed Heat Pump\*\* Split System
- 16 SEER Two-Stage Packaged Air Conditioner\*\* with 5 speed ECM blower
- 16 SEER/8.2 HSPF Two-Stage Packaged Heat Pump\*\* with 5 speed ECM blower and patented hot gas defrost
- 15 SEER/8.0 HSPF Two-Stage, Variable-Speed Packaged Heat Pump and 15 SEER/81% AFUE Two-Stage, Variable-Speed Gas/Electric Packaged\*\*† System
- 15 SEER/81% AFUE/8.0 HSPF Two-Stage, Variable-Speed iHybrid® Dual Fuel Heat Pump/Gas Furnace System
- 14 SEER/95% AFUE Two-Stage Heat, Variable-Speed (one of a kind) Blower Gas/Electric Packaged System†



\* Compared to 10 SEER cooling/60% AFUE heating

\*\* Meets the ENERGY STAR Certified requirements

† If installed in SCAQMD only: This furnace and these gas/electric packaged systems do not meet the SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to \$450. This furnace and these gas/electric packaged systems are not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).

# The Good

## Complete Comfort System

### *Up to 15-SEER/8.5-HSPF Variable-Speed Heat Pump\*\* System*

#### Features and Benefits

- Up to 15 SEER Cooling/8.5 HSPF Heating Ratings
- Quiet operation from swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated cabinet
- High-end finish designed to reduce fading, scratching and corrosion
- Variable-speed for better humidity control and temperature balance

#### Energy Consumption

Compared to the average system installed in homes between 1990 and 2005

- Up to 50% more efficient in cooling\*
- Up to 45% more efficient in heating\*

#### Also Available

- Up to 15 SEER Air Conditioner\*\* and Air Handler with an energy-efficient motor or Variable-Speed Gas Furnaces/Coils
- Up to 15 SEER Heat Pump/8.5 HSPF Heat Pump\*\* and Air Handler with an energy-efficient motor
- 14 SEER Packaged Systems†



\* Compared to 10 SEER cooling/6.2 HSPF heating

\*\* Meets the ENERGY STAR Certified requirements

† If installed in SCAQMD only: This gas/electric packaged system does not meet the SCAQMD Rule 1111 14 ng/J NO<sub>x</sub> emission limit (14 ng/J), and thus is subject to a mitigation fee of up to \$450. This gas/electric packaged system is not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).



# The Basic

## Complete Comfort System

### *Up to 14-SEER Split System Air Conditioner with 80% AFUE<sup>†</sup> Two-Stage Gas Furnace System*

#### Features and Benefits

- Up to 14 SEER Cooling/80% AFUE Heating Ratings\*
- Quiet operation from swept-wing fan blades, sound-absorbing base on outdoor unit, fully insulated furnace cabinet, 2 speed vent motor and 16 speed blower
- High-end finish designed to reduce fading, scratching and corrosion
- Lower heating capacity operation during milder days for better comfort
- SmartLite<sup>®</sup> technology for increased life in furnace igniter start-up

#### Energy Consumption

Compared to the average system installed in homes between 1990 and 2005:

- Up to 40% more efficient in cooling\*\*
- Up to 33% more efficient in heating\*\*

#### Also Available

- Up to 14 SEER Air Conditioner (available in Northern climates only) with 80% AFUE Two-Stage Gas Furnace<sup>†</sup>
- Up to 14 SEER Air Conditioner (available in Northern climates only) and Air Handler with an energy-efficient motor
- 14 SEER Packaged Systems<sup>†</sup>

\* Packaged systems are rated at 81% AFUE

\*\* Compared to 10 SEER cooling/60% AFUE heating

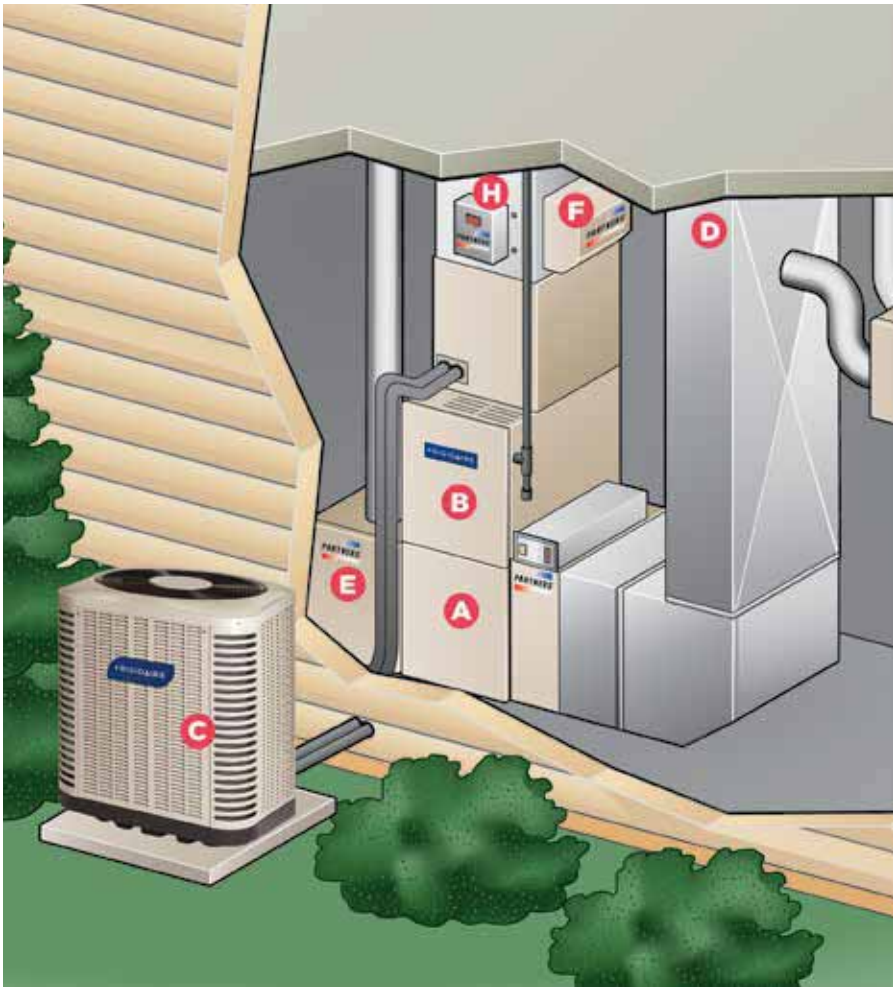
† If installed in SCAQMD only: This furnace and this gas/electric packaged system do not meet the SCAQMD Rule 1111 NOx emission limit (14 ng/J), and thus are subject to a mitigation fee of up to \$450. This furnace and this gas/electric packaged system are not eligible for the Clean Air Furnace Rebate Program: [www.CleanAirFurnaceRebate.com](http://www.CleanAirFurnaceRebate.com).



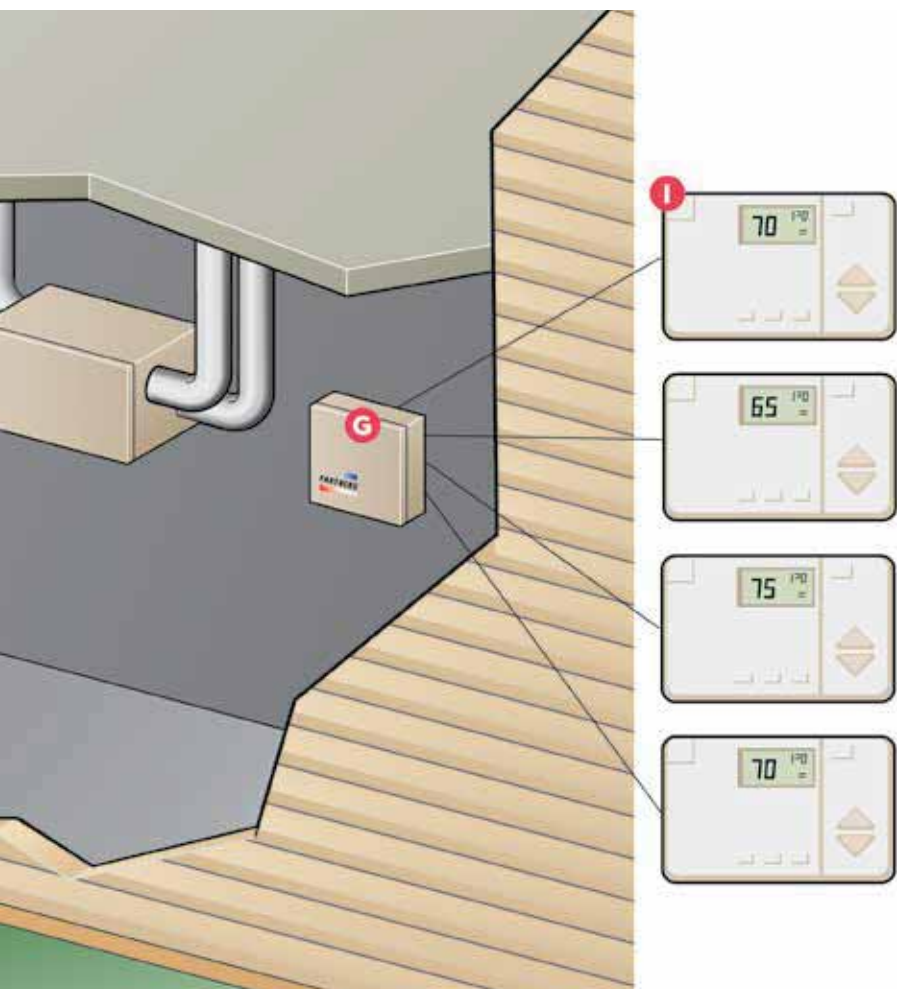


# Custom Comfort Solutions

For Almost Any System



- A.** Blower Motor
- B.** Gas Furnace or Air Handler
- C.** Air Conditioner or Heat Pump
- D.** Balanced Ductwork
- E.** HEPA Air Cleaner



- F.** Humidifier
- G.** Zone Control Panel
- H.** Ultra-Violet Air Purifier
- I.** Programmable Thermostat

# Custom Comfort

## Solutions

**If you've got a problem, Frigidaire has a variety of solutions.**

Just combine the following features and accessories with any Frigidaire system to make your complete comfort system truly complete.

### **Problem:**

**Furniture, doors and drywall cracking. Extremely dry skin.**

### **Solution:**

**Whole-Home Bypass Humidifier** has a flow-through design to regulate indoor moisture levels throughout the home.

**Whole-Home Power Humidifier** features a built-in fan to regulate indoor moisture levels for better air quality and comfort.

Both solutions can be installed with any Frigidaire split-system product. But for dry winters, a heating system featuring variable speed is recommended for better air mixing and/or a programmable thermostat with humidity-control features.

### **Problem:**

**Excess moisture inside home during summer and/or winter months.**

### **Solution:**

**Ultra-Violet Air Purifier** removes mold, bacteria, and viruses that are found in the air stream and also removes odors from the home.

These solutions can be installed with any of our heating and cooling systems, but for extremely humid areas, a cooling system featuring variable speed or iQ Drive® is recommended.



Bypass  
Humidifier



Ultra-Violet  
Air Purifier



Power  
Humidifier

# Custom Comfort

## Solutions

### Problem:

**Excess dust, pollen and other indoor allergens. Occupants with severe allergies or respiratory problems.**

### Solution:

**1-Inch Electronic Air Filter** stops dust, pollen and other particles as small as .001 micron.

**Electronic Air Cleaner** gets better than 99.7% allergens down to .01 micron.

**Media Air Filter** removes better than 95% allergens down to .3 micron.

**Ultra-Violet Air Purifier** removes mold, bacteria, and viruses that are found in the air stream and also removes odors from the home.

**HEPA (High Efficiency Particulate Air) Cleaner** captures 99.97% of harmful airborne pollutants down to 0.3 micron, plus can provide up to 67 daily air changes.

Using a combination of these products provides the best solution for improving indoor comfort for occupants suffering from allergies. These solutions can be installed with any of our split-system products, but for a better mix of air to reduce stagnation, heating and cooling systems with variable-speed options are recommended.



Ultra-Violet  
Air Purifier

1-Inch  
Electronic  
Air Filter



Electronic Air  
Cleaner



Media Air  
Filter



HEPA Air  
Cleaner

# Custom Comfort

## Solutions

### Problem:

**Odors caused by smoking, cooking, pets, etc.**

### Solution:

**1-Inch Electronic Air Filter** collects smoke, pet dander and other particles as small as .001 micron.

**Electronic Air Cleaner** removes more than 99.7% allergens down to .01 micron.

**Ultra-Violet Air Purifier** removes mold, bacteria, and viruses that are found in the air stream and also removes odors from the home.

These solutions can be installed with any of our split-system products, but for a better mix of air to reduce stagnation, heating and cooling systems with variable-speed options are recommended.

1-Inch Electronic Air Filter



Electronic Air Cleaner

Ultra-Violet  
Air Purifier





# Custom Comfort

## Solutions

### Problem:

**One or more rooms that are too hot or too cold.**

Rooms are hotter or colder usually because of the room location. For example, a family room sitting in the southern part of the home may never seem cool enough during the hot summer. Or because heat rises, the upstairs is warmer than the downstairs. Adjusting the thermostat to get cool temperatures in one area of the house results in the other rooms then becoming too cold.

### Solution:

**A Frigidaire Zoning System** allows you to reduce energy costs by maintaining varied temperatures throughout your home. Zone controls divide the home into individual spaces, each with its own thermostat. When the thermostat within a zone reaches its desired level, the damper to that zone is shut down, thereby eliminating vast temperature differences. But for a better mix of air to reduce stagnation, heating and cooling systems with variable-speed options are recommended.

Zone Control  
Panel



Programmable Thermostats

For more information, contact your Frigidaire contractor:



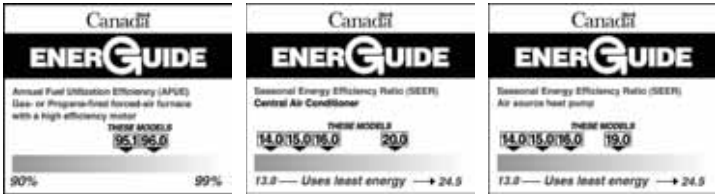
For more information visit us at  
[frigidairehvac.com](http://frigidairehvac.com)

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