

Trust Frigidaire  
for Complete Home Comfort



**FRIGIDAIRE**

COMFORT THAT FITS YOUR LIFE

# 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.



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

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

\*ES/ET models carry a 1-year Comfort Quality Pledge when registered.

# Energy definitions.

Our heating and cooling systems are rated for energy efficiency. Just remember, 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
- 78% AFUE or higher for gas/oil heating in the United States; 90% AFUE or higher in Canada
- 13 SEER & 7.7 HSPF or higher for heat pumps

## EPA Guidelines for ENERGY STAR Ratings

- 14.5 SEER/12 EER or higher for air conditioners
- 90% AFUE or higher for gas/oil heating
- 14.5 SEER/12 EER/8.2 HSPF or higher for heat pumps
- 14 SEER/11 EER/8.0 HSPF or higher for packaged systems

# 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 dealer 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 commonly sits on 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 electric 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.

## **Packaged Heating and Cooling System**

This system is self-contained into one outdoor section to include the blower and coil. There are three types of self-contained systems available: An air conditioner, a heat pump or a gas pack, 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 13- or 14-SEER 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® Ultimate Complete Comfort System

## 23 SEER iQ Drive Air Conditioner with 97+ AFUE iQ Drive Fully Modulating Gas Furnace

(iQ Drive Modulating furnace  
available in upflow/horizontal models)



## Features and Benefits

- 20-23 SEER Cooling/97+ % AFUE Heating ENERGY STAR Ratings
- The quietest operation available from iQ Drive® inverter technology, swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated furnace 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 and filter change out reminders
- Thermostat provides system diagnostics for quick and easy servicing
- Capacity levels continuously adjust in response to outdoor temperature in the summer, and indoor temperature in the winter for an overall better comfort level and reduced energy use
- Dehumidification levels of 35%-70%
- 15% - 100% furnace modulation for precise heating comfort
- Earth-friendly R-410A refrigerant



## 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

- 22-24.5 SEER iQ Drive Air Conditioner and Air Handler System.
- 20-23 SEER iQ Drive Air Conditioner with 80% AFUE Two-Stage, Variable-Speed Gas Furnace System for hot climates that do not need extra-high-efficiency gas heating. Upflow/horizontal and downflow models available.
- 20-23 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 and downflow models available.

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



# The iQ Drive® Ultimate Complete Comfort System

## 22 SEER iQ Drive Heat Pump with Air Handler System





## Features and Benefits

- 21-22 SEER/10.0 HSPF Cooling/Air Handler ENERGY STAR Ratings
- The quietest operation available from 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 and filter change out reminders
- Thermostat provides system diagnostics for quick and easy servicing
- Capacity levels continuously adjust in response to outdoor temperature in the summer, and indoor temperature in the winter for an overall better comfort level and reduced energy use
- Dehumidification levels of 35%-70%
- Earth-friendly R-410A refrigerant



## 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

- 19-20 SEER/Up to 10.0 HSPF iQ Drive Heat Pump and 97+% AFUE iQ Drive Fully Modulating Furnace System for the best in dual fuel efficiency.
- 19-20 SEER/Up to 10.0 HSPF iQ Drive Heat Pump with 80 AFUE Two-Stage, Variable-Speed Gas Furnace System for climates that do not need extra-high-efficiency gas heating. Upflow/horizontal and downflow models available.
- 19-20 SEER/Up to 10.0 HSPF iQ Drive Heat Pump with 95.1% AFUE Two-Stage, Variable-Speed Gas Furnace for cooler climates that need extra-high efficiency gas heating. Upflow/horizontal and downflow models available.

\* Compared to 10 SEER cooling/6.2 HSPF heating



# The Best Complete Comfort System

## 16 SEER Split System Air Conditioner with 95.1% AFUE Two-Stage, Variable-Speed Gas Furnace

### Features and Benefits

- 16 SEER / 95.1% AFUE ENERGY STAR Ratings
- Quiet operation from swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated furnace cabinet
- 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
- Programmable thermostat for various custom level programming and service diagnostics
- Earth-friendly R-410A refrigerant

### 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

- 16 SEER Two-Stage Air Conditioner with 80 AFUE Variable-Speed Oil/Gas Furnace
- 14 SEER Two-Stage Packaged Heat Pump and Gas/Electric System
- 15 SEER/80 AFUE/8.0 HSPF Variable-Speed iHybrid™ Dual Fuel Heat Pump/Gas Pack



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



# The Better Complete Comfort System

## 16 SEER Two-Stage, Variable-Speed Heat Pump System

### Features and Benefits

- 16 SEER / 8.5-9.0 HSPF ENERGY STAR 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
- Reduces hot and cold spots
- Lower-cooling-capacity operation during milder days for better comfort
- Programmable thermostat for various custom level programming and service diagnostics
- Earth-friendly R-410A refrigerant

### Energy Consumption

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

- Up to 60% more efficient in cooling\*
- Up to 45% more efficient in heating\*

### Also Available

- 15 SEER Two-Stage, Packaged Heat Pump and Gas/Electric Systems
- 16 SEER Two-Stage Split System Air Conditioner with Variable-Speed Oil/Gas Furnaces.

\* Compared to 10 SEER cooling/6.2 HSPF heating



# The Good Complete Comfort System

**Up to 15 SEER Variable-Speed  
Heat Pump System**



## Features and Benefits

- 15 SEER / 8.5-9.0 HSPF ENERGY STAR 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
- Earth-friendly R-410A refrigerant

## 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 with Variable-Speed Furnace
- 14 SEER Heat Pump with Fixed-Speed Air Handler
- 13 SEER Packaged Products

\* Compared to 10 SEER cooling/6.2 HSPF heating



# The Basic Complete Comfort System

**13 SEER Split System  
Air Conditioner with  
80% AFUE Two-Stage  
Gas Furnace**



## Features and Benefits

- 13 SEER / 80% AFUE ratings
- Quiet operation from swept-wing fan blades, sound-absorbing base on outdoor unit and fully insulated furnace cabinet
- High-end finish designed to reduce fading, scratching and corrosion
- Lower heating-capacity operation during milder days for better comfort
- SmartLite® technology for increased life in furnace igniter start-up
- Earth-friendly R-410A refrigerant

## Energy Consumption

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

- 30% more efficient in cooling\*
- 33% more efficient in heating\*

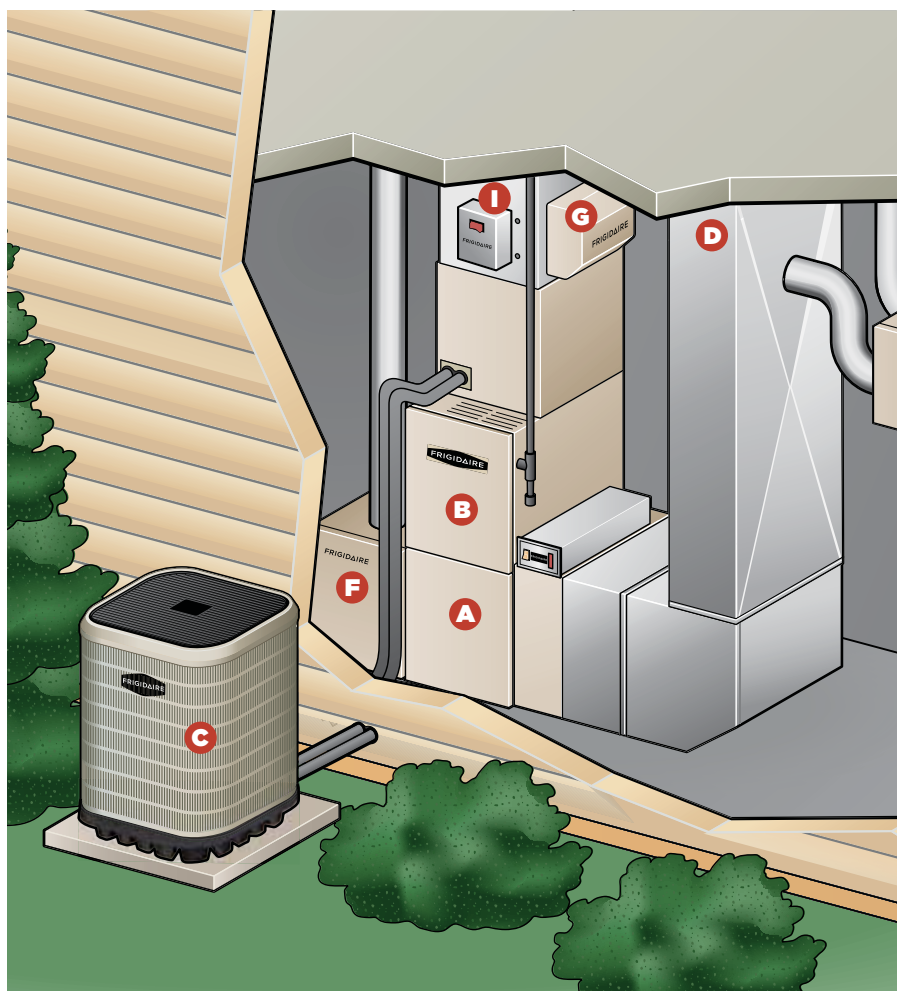
## Also Available

- 14 SEER Split System Air Conditioner with 80 AFUE Two-Stage Gas Furnace
- 13 SEER / 8.0 HSPF Heat Pump and Air Handler
- 13 SEER Packaged Products

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

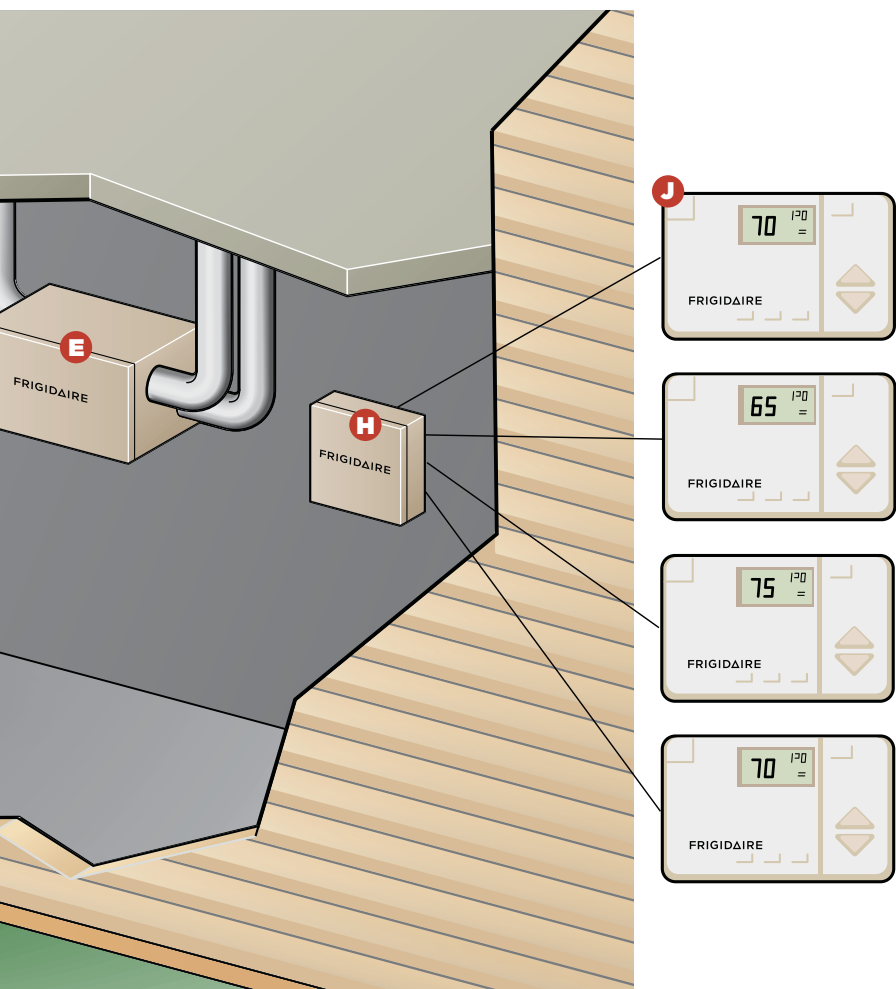


# Custom Comfort Solutions For Almost Any System



- A.** Blower Motor
- B.** Gas Furnace or Air Handler
- C.** Air Conditioner or Heat Pump
- D.** Balanced Ductwork
- E.** Energy/Heat Recovery Ventilator (ERV/HRV)





- F.** HEPA Air Cleaner
- G.** Humidifier
- H.** Zone Control Panel
- I.** Ultra-Violet Air Treatment System
- J.** 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 products. 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.

Bypass Humidifier



Power Humidifier



# Custom Comfort Solutions

## Problem:

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

## Solution:

**Energy Recovery Ventilator (ERV)** reduces excess humidity in warmer climates.

**Heat Recovery Ventilator (HRV)** reduces excess humidity in cooler climates.

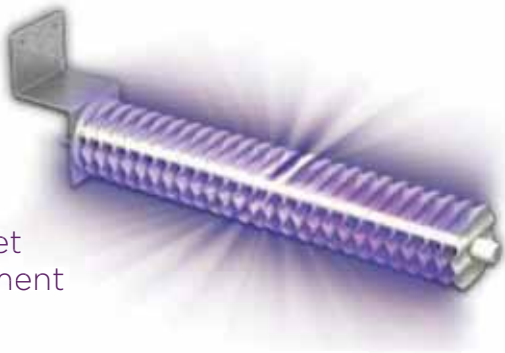
**Ultra Violet Air Treatment Systems** UV object purifiers and Photo Catalytic Oxidation (PCO) units remove mold, bacteria, and viruses that are found in the air stream and also remove odors from the home.

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.

ERV - HRV



Ultra Violet  
Air Treatment  
Systems



# Custom Comfort Solutions

## Problem:

**Excess dust, pollen and other indoor allergens.**

## Solution:

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

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

**Ultra Violet Air Treatment Systems** UV object purifiers and Photo Catalytic Oxidation (PCO) units remove mold, bacteria, and viruses that are found in the air stream and also remove 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



Media Air Filter

Ultra Violet  
Air Treatment  
Systems



# Custom Comfort Solutions

## Problem:

**Occupants with severe allergies or respiratory problems.**

## Solution:

**1-Inch Electronic Air Filter** removes pollen, spores and other articles as small as .001 micron.

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

**Ultra Violet Air Treatment Systems** UV object purifiers and Photo Catalytic Oxidation (PCO) units remove mold, bacteria, and viruses that are found in the air stream and also remove 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 to 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.



Electronic Air Cleaner

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 better than 99.7% allergens down to .01 micron.

**Ultra Violet Air Treatment Systems** UV object purifiers and Photo Catalytic Oxidation (PCO) units remove mold, bacteria, and viruses that are found in the air stream and also remove odors from the home.

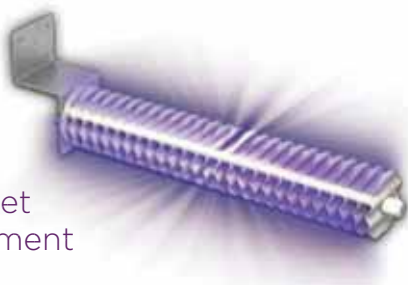
These solutions can be installed with any of our split system products, but for a better mix of air to reduce stagnation, heating and cooling systems with variable-speed options are recommended.

1-Inch Electronic Air Filter



Electronic Air Cleaner

Ultra Violet  
Air Treatment  
Systems



# 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



Programmable Thermostats

For more information, contact your Frigidaire dealer:



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