

Comfort Systems

E-Series Air Conditioners & Heat Pumps

14 - 16 SEER



FRIGIDAIRE

COMFORT THAT FITS YOUR LIFE





TOTAL HOME COMFORT AND WHAT IT MEANS TO YOU

Total home comfort depends on many variables. Variables such as your home's square footage, number of floors, the sun's exposure on your home, the area of the country your home is located in, materials your home was constructed from, and your own personal comfort choices.

Frigidaire has developed a full line of air conditioners, heat pumps and accessories to allow you to maintain total home comfort year round.

What having a up to 16 SEER air conditioner or heat pump means.

Your air conditioner or heat pumps's efficiency is measured by a Seasonal Energy Efficiency Ratio (SEER). The higher the SEER rating, the more efficiently your unit operates. Increased efficiency translates into savings in utility costs. Heat pumps are also rated by Heating Seasonal Performance Factor (HSPF). This is the measure of the average number of Btu's of heat delivered for every Watt-hour of electricity used by the heat pump over the heating season.

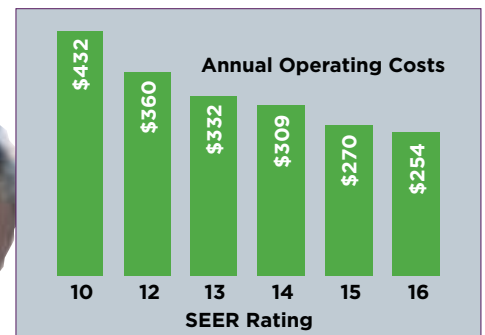
Frigidaire fits your life.

- **Delivering peace of mind unit after unit.** Every unit is triple checked at each manufacturing stage, for an average of 144 quality checks as your unit is built. In addition, all electrical and mechanical components are 100% fired and tested on the manufacturing line. When your contractor arrives, you can be sure that only the highest quality air conditioner or heat pump is being delivered to your home.
- **Extending the life of your unit.** High quality doesn't just happen. It must be engineered from the start. All air conditioners and heat pumps are designed for maximum compressor performance.
- **Total comfort never felt so good or sounded so quiet.** Great airflow and quiet performance are part of the Frigidaire comfort equation.
- **Aesthetically pleasing and designed for easy care.** Smooth and practical lines make your Frigidaire air conditioner or heat pump eye-appealing. All outdoor units are finished with a Silicone protective polyurethane finish that passed a 950-hour salt spray test. This step protects your unit from corrosion 50% more than standard outdoor finishes.
- **Advanced technology.** All air conditioner and up to 15 SEER heat pump models feature all-aluminum Micro-Channel coils that resist formicary corrosion, the number one cause of coil leaks.
- **Built to last.** From a long-lasting motor to the one-piece orifice, your unit will provide years of trouble-free and reliable service.

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Long-term energy savings.



Annual costs based on 36,000 Btu unit, 1,500 cooling load hours, and .08/kwh. Actual costs may vary depending on climate conditions, energy rates and patterns of usage.

A compressor you can count on.

Your Frigidaire air conditioner or heat pump has been carefully designed and engineered to give you outstanding energy efficiency and years of trouble-free operation. Frigidaire uses only proven components like a scroll compressor. It's the leaders' choice for efficiency, durability, and longevity. Up to 16 SEER heat pump products feature a two-stage scroll compressor. Two-stage technology allows your heat pump to operate at the most efficient level for total indoor comfort regardless of the outside temperature.

The benefits of a variable-speed system.

When you install a Frigidaire air conditioner or heat pump with an indoor section featuring a variable-speed motor, you'll experience better comfort and lower utility costs. A Frigidaire variable-speed system operates at up to 16 SEER.

The benefits of two-stage cooling.

Two-stage cooling heat pumps maintain a more consistent comfort level throughout your home. During the first stage, which is about 80% of the time, the unit will use about 68% of its cooling capacity. It will always start in the first stage and attempt to meet the cooling demand. This reduced capacity is enough to efficiently cool your home on mild summer days. When the temperature rises the heat pump automatically adjusts itself and enter the second stage to meet the increased cooling demand. A two stage, variable-speed unit runs for longer cycles and will remove up to six times more moisture than a conventional unit. The result is a more comfortable environment even at a higher thermostat setting. Thanks to two-stage technology, the temperature in your home will only vary a couple of degrees and you will experience quiet comfort.

Efficient operation is what two-stage cooling is all about. Since your unit runs at the stage needed based off demand, you never pay for energy that is not needed.

	Extra-High Efficiency	High Efficiency	Standard Efficiency	Heat Pump Efficiency	Two-Stage	Single-Stage	Variable-Speed Indoor
Up to 16 SEER Air Conditioner	✓			N/A		✓	Optional
Up to 16 SEER Heat Pump	✓			Up to 9.0 HSPF	✓		✓
Up to 15 SEER Air Conditioner		Optional	✓	N/A		✓	Optional
Up to 15 SEER Heat Pump		Optional	✓	Up to 8.5 HSPF		✓	Optional

Heat pump or air conditioner?

Split systems have two main components. The outdoor section is the air conditioner or heat pump. The indoor section consists of a matched air handler or coil. These two sections work together to provide top performance, maximum efficiency and comfort.

Benefits of a heat pump.

Depending on the climate you live in a heat pump may be ideal for your family. Heat pumps work similar to a conventional air conditioner, with one big exception; they also provide heat in the winter. You can save 30% to 60% on energy usage during the winter months by switching to a heat pump.



Awarded by the U.S. Department of Energy and the Environmental Protection Agency for helping to conserve energy, promote cleaner air, and prevent global warming. To qualify, split system air conditioners and heat pumps must have a Seasonal Energy Efficiency Ratio (SEER) rating of 14.5 or higher and an Energy Efficiency Ratio (EER) of 12.0 or higher. Split system heat pumps are also ENERGY STAR® rated by a Heating Seasonal Performance Factor (HSPF) and must have a rating of 8.2 or higher.

THE ULTIMATE COMFORT SYSTEM

Since heat rises, homes with multi-levels benefit greatly from zoning. Zone controls divide the home into individual spaces, each with their 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.

Having your indoor section equipped with a variable-speed blower motor will increase your system efficiency, provide better humidity control, and quieter operation than a standard blower motor.



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www.frigidaire.net



Exceptional 10-Year Warranty and 1-Year Comfort Quality Pledge

Frigidaire offers an incredible customer promise to protect your investment. When registered, every product offers one of the best warranties in the industry – a 10-year limited warranty on all parts and our Comfort Quality Pledge,* which states that if within the first year your compressor or heat exchanger fails, we will replace the entire unit. Speak to your Frigidaire contractor or visit us at www.frigidaire.net for warranty details.

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

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

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