

Air Handlers Variable-Speed



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 handlers and accessories to allow you to maintain total home comfort year round.

What having a high efficiency air handler means.

Your cooling system'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. As compared to a standard air handler, a high efficiency air handler can boost the system efficiency by up to one SEER point, providing long term energy savings.

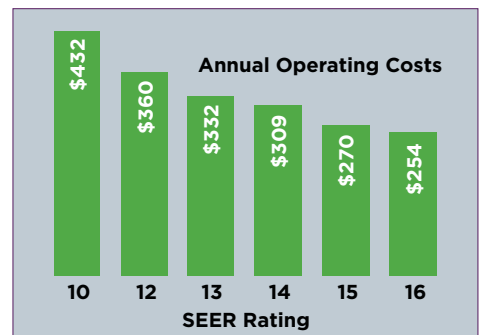
Frigidaire fits your life.

- **Delivering peace of mind unit after unit.** Every unit is triple checked at each manufacturing stage. In addition, all electrical and mechanical components are 100% tested on the manufacturing line. You are assured a quality air handler is being delivered to your home.
- **Extending the life of your unit.** High quality does not just happen. It must be engineered from the start. All air handlers are designed for maximum energy savings.
- **Total comfort never felt so good or sounded so quiet.** Great airflow and quiet performance are part of the Frigidaire comfort equation. A precision work of art that delivers season after season.
- **Aesthetically pleasing and designed for easy care.** Smooth and practical lines make your Frigidaire air handler eye appealing. All units receive a silicone-protective polyurethane finish that resists up to 50% more corrosion than other manufacturers' units.
- **Built to last.** From energy savings to environmentally friendly refrigerant, your unit will provide years of trouble-free and reliable service.
- **Anteater® coils.** Resist formicary corrosion better than traditional copper tube-in-fin coils.

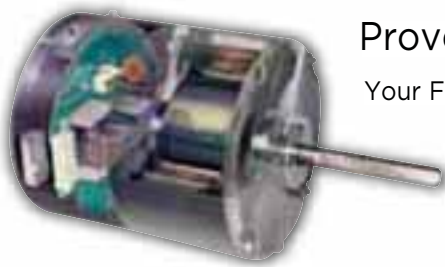
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Long-term energy savings.



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.



Proven components you can count on.

Your Frigidaire air handler has been carefully designed and engineered to give you outstanding energy efficiency and years of trouble-free operation. No detail has been left out. Frigidaire uses only proven components like the ECM Motor. It's the leaders choice for efficiency, durability and longevity.

Just another "value added" manufacturing step built into all Frigidaire products.

The benefits of variable-speed.

Variable speed technology under normal operating conditions ensures constant comfort for the homeowner because the motor will automatically maintain its programmed level of airflow. This constant airflow capability provides a number of important benefits. The ECM motor can compensate for poor duct design. Systems with inadequate duct volume can now deliver factory calibrated airflow. Better indoor-air quality can be achieved quietly and inexpensively with the ECM motor because it can be set to run continuously at reduced airflow levels, between heating or cooling cycles. This allows the air to be filtered without excessive drafts and without sacrificing efficiency. In fact, if you run your thermostat in continuous fan mode, reduces electrical consumption close to 80% over conventional air handlers, therefore reducing utility costs.

Ultimate comfort with a two-stage, variable-speed system.

The variable-speed Frigidaire air handler can be used with Frigidaire 16 SEER split system heat pumps and air conditioners. Two-stage cooling systems 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 capacity. It will always start in the first stage and attempt to meet the demand. This reduced capacity is enough to efficiently cool your home on mild summer days. When the temperature rises, the air conditioner or heat pump automatically adjusts itself and enters the second stage to meet the increased demand.

This variable-speed, two-stage system reduces temperature swings, removes cold and hot spots and improves indoor humidity control. The constant air flow compensates for poor duct design, and improves indoor air quality.

	Ultra High Efficiency	Extra High Efficiency	Variable-Speed
Two-Stage System	✓		✓
Single-Stage System		✓	✓

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

A split-system configuration is designed to work efficiently for cooling in any climate. Split systems have two main components; the indoor air handler and the outdoor section which is an air conditioner or heat pump. The two sections work together to provide top performance, maximum efficiency and comfort.

Earth-friendly.

This product uses environmentally-friendly, non-ozone depleting refrigerant.

Energy Definitions.

SEER (Seasonal Energy Efficiency Ratio)

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

As ratings increase, so does unit efficiency.

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Exceptional 10-Year Warranty

All Frigidaire air handlers carry a 5-year all-parts warranty and, when installed and registered with a matched outdoor unit, will carry the outdoor system warranty – a 10-year limited warranty on all parts. Speak to your Frigidaire contractor or visit us at www.frigidaire.net for warranty details.

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