

Packaged Systems

High-Efficiency
14 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 packaged air conditioners and heat pumps, gas/electric packaged systems and accessories to allow you to maintain total home comfort year round.

What having a 14 SEER packaged system means.

Your packaged system's cooling efficiency is measured by Seasonal Energy Efficiency Ratio (SEER). The higher the SEER rating, the more efficiently your unit operates. Increased efficiency translates into savings in utility costs.

Frigidaire fits your life.

- **Delivering peace of mind unit after unit.** Every unit is triple checked at each manufacturing stage. This is an average of 72 quality checks as your unit was built. In addition, all electrical and mechanical components are 100% fired and tested on the manufacturing line. You are assured the highest quality packaged system 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 packaged systems are designed for maximum performance. Additionally, all gas/electric packaged systems also feature the SmartLite® control board which learns the igniter's heat-up characteristics and then adapts the ignition time to the packaged system's characteristics, resulting in extending the life of the igniter.
- **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 packaged system eye appealing. All outdoor units are finished with a silicone-protective polyurethane finish that passed a 950 hour salt spray test. This step helps to protect your unit from erosion 50% more than standard outdoor finishes.
- **Advanced coil technology.** These packaged systems feature enhanced coils for increased corrosion resistance.
- **Built to last.** From a long-lasting motor to the one-piece fan discharge orifice, your unit will provide years of trouble-free and reliable service. Wire coil guard coated with earth-friendly epoxy along with hail plastic mesh protect coil against flying debris. Gas/electric packaged systems offer a limited lifetime heat exchanger warranty when registered.



FRIGIDAIRE

COMFORT THAT FITS YOUR LIFE

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.

Demand Flow Technology.

The more you learn about our manufacturing process, the more you'll see that no other heating and cooling manufacturer compares to Frigidaire's product quality — quality made possible through Demand Flow Technology. While other companies test products at random, we use 100% computer-automated testing on every Frigidaire product to eliminate human error in the final analysis of product quality. We are the only heating and cooling manufacturer to be DFT certified.

The benefits of a packaged system.

Unlike most heating and cooling systems, which are divided into outdoor and indoor sections, a “packaged” system includes all the components necessary to heat and/or cool your home in one, convenient unit. Depending on structural limitations and available space, packaged systems can be installed on the roof or at ground level on a slab. The choice in a packaged system will either be a heat pump, an air conditioner or a combination furnace and air conditioner called a gas/electric packaged system.

Typically, in milder climates, heat pumps will suffice to perform double duty. Even if temperatures are near freezing, they can extract heat from outside air, then transfer it inside to become a highly energy-efficient heat source. Similarly, by reversing the flow of refrigerant with a switchover valve, a heat pump can also extract heat from the inside, then transfer it outside to cool the house. In the case of a packaged air conditioner, it provides cooling-and warmth if needed by a electric heating strip. Where climates require more heating capacity, a combination air conditioner and gas furnace packaged unit, “gas pack,” delivers improved energy efficiency.



Gas/Electric Packaged System



Large Packaged Air Conditioner & Heat Pump



Small Packaged Air Conditioner & Heat Pump

	Rooftop Mounting	Slab Mounting	Heat Pump Efficiency	Gas Furnace Efficiency
14 SEER Gas/Electric Packaged System	✓	✓	N/A	81% AFUE
14 SEER Large Packaged Air Conditioner & Heat Pump	✓	✓	8.0 HSPF	N/A
14 SEER Small Packaged Air Conditioner & Heat Pump	✓	✓	8.0 HSPF	N/A

Advanced Technology.

The SmartLite® control board contains a program that varies the igniter heat-up time interval. It learns the heat-up characteristics of the igniter in the packaged systems by searching for the threshold of ignition failure. It then adjusts the heat-up interval on the next trial accordingly. This is accomplished by microchip software programming.



Energy Definitions.

SEER (Seasonal Energy Efficiency Ratio)

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

HSPF (Heating Seasonal Performance Factor)

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.

AFUE (Annual Fuel Utilization Efficiency)

It measures the amount of heat actually delivered to your house compared to the amount of fuel that you supply to the furnace. Thus, a furnace that has an 80% AFUE rating converts 80% of the fuel that you supply to heat - the other 20% is lost out of the chimney.

As ratings increase, so does unit efficiency.

FRIGIDAIRE

COMFORT THAT FITS YOUR LIFE

www.frigidaire.net



Exceptional 10-Year Warranty and 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 your compressor or heat exchanger fails within the first 10 years, we will replace the entire unit. Speak to your Frigidaire contractor or visit us at www.frigidaire.net for warranty details.

SmartLite® is a registered trademark of Nortek Global HVAC, LLC. Trademark Frigidaire is a registered trademark used under license from Frigidaire International Company, U.S.A. © Nortek Global HVAC, LLC 2015. All Rights Reserved. 220E-0915

Specifications and illustrations subject to change without notice and without incurring obligation.

