

CARRIER INDOOR COMFORT SYSTEMS OFFER UNMATCHED PERFORMANCE.

CARRIER SYSTEMS

Humidifier

As part of a total indoor comfort system, a Carrier humidifier replenishes moisture to dry, indoor air.

Fan Coil

This is the indoor section of your heat pump system. It should be properly matched to the outdoor unit for improved efficiency and long-term reliability.

Air Cleaner

Carrier air cleaners can substantially improve your indoor comfort by removing harmful and irritating airborne pollutants from your home.

Heat Pump

This outdoor unit provides high-efficiency heating and cooling with maximum reliability for long-lasting comfort and energy savings. When you replace your outdoor unit, Carrier recommends the replacement of the indoor section as well to ensure peak performance and reliability. Ask your Carrier dealer about Carrier's environmentally sound heat pumps with Puron® refrigerant.

Ultraviolet Germicidal Light

reduces the amount of pollutants, such as mold, bacteria, fungi and viruses, leaving your home with cleaner, fresher indoor air.

Zoning

Comfort zoning allows you to set different temperatures for different areas of your home. Enjoy greater comfort and added energy savings with room-to-room temperature control.

Comfort Ventilator

Carrier's comfort ventilator adds a breathe of fresh air to today's tightly constructed home. It combines fresh outdoor air with conditioned air for improved air and energy exchanges.

Thermostat™ Control

A Carrier Thermostat™ Control is your command center. Precise temperature control and programmable features keep you in touch with your comfort.



MATCHING COMPONENTS PROVIDE OPTIMUM EFFICIENCY AND SYSTEM PERFORMANCE.

- Forced-air systems are usually built around an indoor unit, such as a furnace or a fan coil.
- The outdoor unit will be an air conditioner or heat pump combined with a furnace or fan coil for year-round comfort.
- Air quality is greatly enhanced with the addition of an air cleaner, humidifier and a ventilator.
- Precise temperature control comes from a Carrier thermostat which is matched to your specific indoor comfort system.
- Zoning provides the ultimate control for truly customized indoor comfort.



WEATHERMAKER® 38YSA HIGH EFFICIENCY HEAT PUMP



EXPERTISE

Carrier has been on the leading edge of the indoor comfort industry since Willis Carrier invented what we now know as air conditioning in 1902. Since that time, Carrier scientists, engineers and dealers have been providing homeowners with the most advanced indoor comfort technology available.

This technological advantage has enabled Carrier to customize indoor systems for millions of homeowners nationwide.

Today, you can rely on your local Carrier dealer to evaluate your indoor comfort needs and suggest a customized system

that fits those precise requirements. By recommending the appropriate heat pump, fan coil, humidifier, air cleaner, ventilator, zoning system and controls, your Carrier dealer can deliver enhanced comfort while improving the efficiency of your indoor weather system. Ask your Carrier dealer for a system evaluation today.



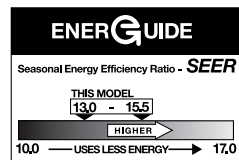
www.carrier.com

A member of the United Technologies Corporation family.
Stock Symbol UTX.

© Carrier Corporation 2003

838-935

Manufacturer reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.



Always look for these symbols, the heat pump industry seals of certified performance, efficiency and capacity.



OUR MOST EFFICIENT SINGLE SPEED HEAT PUMP WITH RATINGS UP TO 9.4 HSPF AND 15.5 SEER

CARRIER'S 38YSA DELIVERS MAXIMUM COMFORT AND SINGLE-SPEED EFFICIENCY.

HERITAGE

Designing and delivering superior indoor comfort equipment is nothing new to Carrier. In fact, we've been doing it since 1902 when Willis Carrier discovered humidity control. Since that time, Carrier has been the leader in developing new technologies and products. That's why so many homeowners turn to Carrier for their indoor comfort solutions.

EFFICIENCY

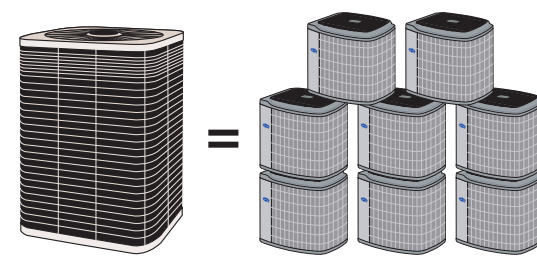
For year-round comfort and economical operation, Carrier's 38YSA heat pump is an excellent choice. Designed to improve your energy savings, the 38YSA is Carrier's most efficient single-speed heat pump. During the heating season, the 38YSA delivers up to 9.4 HSPF (Heating Seasonal Performance Factor), which is 1.0 to 1.5 points higher than most other high-efficiency, single-speed heat pumps. However, the comfort and savings don't stop there. When the summer months set in, you can look forward to cool comfort and electrical savings of up to 15.5 SEER (Seasonal Energy Efficiency Ratio), more than 5 full SEER points higher than basic heat pumps.

COMFORT

Designed to achieve higher efficiency ratings without sacrificing comfort, you can count on the 38YSA for quiet, consistent indoor comfort season after season. In fact, designed with Carrier's Silencer System, the 38YSA is guaranteed to deliver soothing, quiet operation. The uniquely designed top reduces air turbulence in the unit to keep operational noise to a minimum. The compressor vibration isolator plate prevents noise from being transferred from the base pan into your living space and the efficient fan is designed to quietly deliver energy-saving comfort. With all of these design features, it would take up to eight 38YSA units, running at the same time, to equal the noise of just one standard heat pump.



COMPARATIVE SOUND LEVELS AT 2.5-TON SIZE*



It takes eight Carrier 38YSA models operating at the same time to equal the sound produced by one typical heat pump.

*Comparison of 38YSA and a standard model with a sound rating of 80dBa. Sound levels vary by size.

IdealHumidity
The 38YSA can be a part of an IdealHumidity System with the addition of a variable-

speed furnace or fan coil, a humidifier and our exclusive Thermidstat™ Control. IdealHumidity from Carrier is the ONLY system that controls humidity levels even when the indoor temperature does not require heating or cooling operation. Ask your Carrier dealer for details.



If warmer heating air temperatures and controlling humidity inside your home are important to you, ask your Carrier dealer about the Comfort Heat Pump System. Designed with a

38YSA heat pump, this exceptional new comfort system can deliver up to 20° warmer air temperatures in heating and can remove up to 30 times more moisture from the air during cooling.

CHOOSE THE 38YSA FOR PREDICTABLE INDOOR COMFORT YEAR AFTER YEAR.

DURABILITY

From solid, time-tested components like the compressor, the energy-efficient fan and the WeatherArmor™ III protection system, each element of the 38YSA is designed for long-lasting durability. WeatherArmor™ III is a three-part system that includes a scratch-resistant cabinet, corrosion-resistant screws and our enhanced coil guard. First, we build a protective cabinet made of heavy gauge, galvanized steel with baked-on powder paint. Then we assemble the cabinet with ceramic-coated screws for corrosion resistance and long-lasting durability. And finally, we surround the outdoor coil with an enhanced heavy-duty wire guard that protects your heat pump from hail, high winds, sporting equipment and potentially damaging lawn equipment. By protecting the components of your heat pump from external damage, the WeatherArmor™ III protection system ensures that you and your family enjoy customized indoor comfort year after year.



WeatherArmor™ III provides three levels of protection to your Carrier heat pump: a heavy duty, galvanized steel cabinet, ceramic-coated screws and our enhanced coil guard. This system protects your unit from corrosion and damage due to rocks, sticks, sporting equipment, trimmers, lawn mowers and other outdoor hazards.

PERFORMANCE

Carrier's Silencer System

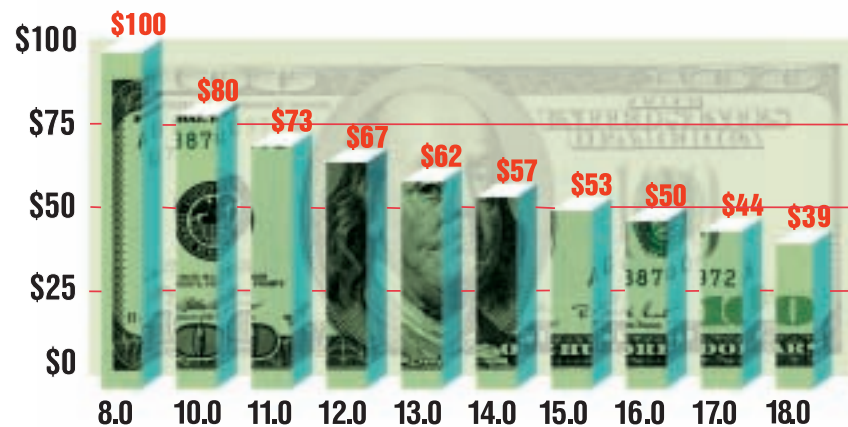
Exceptionally quiet operation is achieved with Carrier's Silencer System. Components of this system include:

- 1 **Silencer System top** which allows air to glide smoothly through the system.
- 2 **Highly efficient fan** designed to quietly move outdoor air.
- 3 **Deluxe compressor sound hood** absorbs compressor noise.
- 4 **Compressor vibration isolator plate** prevents vibrational noise from being transferred to the base pan.
- 5 **The discharge muffler** assures quiet indoor comfort by minimizing refrigerant pulsation through the refrigerant lines.
- 6 **Split-post compressor grommet** isolates noise and vibration from the compressor to the unit's cabinet.

- 7 **Smooth, efficient operation** is delivered by the compressor. Efficient refrigerant compression is key to the heat pump's performance.

- 8 **For durable service**, the WeatherArmor™ III cabinet combines a heavy-duty steel cabinet, ceramic-coated screws and our enhanced coil guard for the ultimate in lasting toughness and coil protection.

- 9 **Quality is enhanced** with the Carrier base pan. Designed to properly drain water and debris from the unit, the chance for corrosion is greatly reduced.
- 10 **Reliable performance** is provided by the TimeGuard II™, which prevents unnecessary wear and tear on the compressor due to rapid restarts after shutdown.
- 11 **System protection** occurs as the high and low pressure switches monitor refrigerant pressure and shut down the unit before permanent damage can occur to the compressor.
- 12 **Added reliability** is provided as the accumulator protects the compressor from damage if liquid refrigerant flows back into the system.



The efficiency level of your cooling bill affects how much it will cost to keep your house cool and comfortable during those hot summer days. This chart can be used as an estimate of just how much money you can save by investing in a high efficiency system. If your old system was rated at 8 SEER, then by purchasing a 15 SEER system, you should be able to reduce the cost to cool your home by almost 50%. This can add up to a significant savings over the lifetime of the product.

WARRANTY

To ensure reliability, Carrier offers comfort protection with product and component warranties. The 38YSA compressor is backed by a **ten-year limited warranty**. The entire unit is covered by a **five-year parts limited warranty**. Ask your Carrier dealer for details about our extended warranty programs.



As an ENERGY STAR® Partner, Carrier Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.*

* Only when variable speed indoor sections are applied.



This product is designed and manufactured under the ISO 9001 registered quality system.