



WEATHERMAKER 38YXA

HIGH EFFICIENCY HEAT PUMP WITH PURON® REFRIGERANT



ENVIRONMENTALLY SOUND WITH UP TO 14.5 SEER AND 8.6 HSPF

THE 38YXA HEAT PUMP DELIVERS MONEY-SAVING EFFICIENCY AND SUPERIOR RELIABILITY.

LEADERSHIP

Carrier has always provided leadership and innovation to the home comfort industry. Now, in response to global concern over ozone depletion, Carrier again leads the world with the first non-ozone depleting heat pump – the 38YXA. This remarkable product provides all of the heating and cooling performance you've come to expect from Carrier, along with excellent energy efficiency ratings and reliability you can depend on.

EARTH-FRIENDLY

Act now and you'll be ahead later because the existing heat pump systems that use Freon®-22* will either be replaced or converted for use with Puron® refrigerant. By making the switch now, you will be doing your part to help minimize the effects of ozone depletion while enjoying the comfort, performance and long-term reliability of Carrier indoor comfort. The 38YXA

heat pump easily surpasses the efficiency of the older heat pump you are replacing. And, when compared to newer models that use Freon®-22, the 38YXA is a sound investment because you'll avoid the potentially high costs involved in maintaining an indoor comfort system that uses the older refrigerant.

RELIABILITY

Carrier products have always delivered excellent reliability, and these new products with Puron refrigerant improve on that record. In fact, Carrier was the first company to offer a long-term replacement for Freon®-22 as far back as 1996. That experience, coupled with our existing knowledge of indoor technology has enabled us to develop one of the most reliable, energy efficient heat pump lines available. Environmentally sound, economically prudent and extremely reliable, Carrier's 38YXA heat pump with Puron® refrigerant delivers the year-round comfort you and your family expect from the industry leader.

QUIET COMFORT

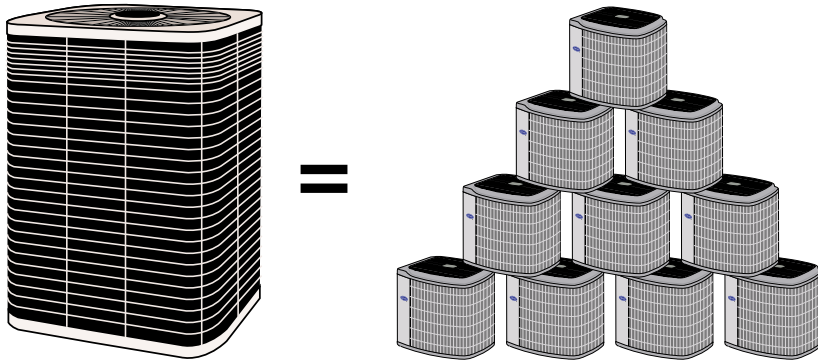
No matter how the technology changes, Carrier's commitment to providing you with the most comfortable indoor climate stays the same. One aspect of comfort that other manufacturers often overlook is quiet operation. At Carrier, we understand that when it's time to relax with the family, the last thing you want to hear is a noisy heat pump. The 38YXA, with Carrier's exclusive Silencer System, is one of the quietest heat pumps currently available.

The 38YXA includes our Silencer System top, an extra-efficient fan, a heavy-duty compressor shell with a sound deadening hood, and a compressor vibration isolator plate. The Silencer System top is designed to allow smooth, easy airflow into and out of the outdoor unit to minimize sound and air turbulence. This new top design also allows us to utilize a low-speed fan motor with large-diameter fan blades. These two features provide quieter, more efficient operation than a high-speed fan. The compressor vibration isolator plate is made of a special vibration absorbing material surrounded by two metal plates. It's mounted underneath the compressor and prevents vibrational noise from escaping. The sound hood is designed of sound-absorbing materials which surround the compressor and further enhance the quiet comfort of the 38YXA. These components work together to reduce noise from air turbulence and compressor operation, making the 38YXA both quiet and unobtrusive.



* Freon is a registered trademark of E. I. DuPont de Nemours & Co.

COMPARATIVE SOUND LEVELS AT 2-TON SIZE*



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

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

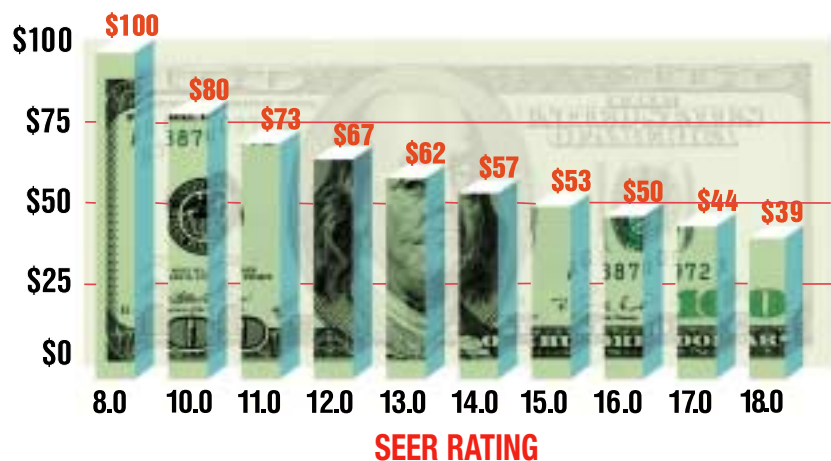
EFFICIENT PERFORMANCE

In addition to delivering quiet comfort, the Silencer System enhances the operational efficiency of the 38YXA. Due to the improved airflow throughout the outdoor coil, the heat pump system doesn't have to work as hard as other systems. As a result, the 38YXA delivers quiet indoor comfort with improved energy efficiency ratings up to 8.6 HSPF and 14.5 SEER.

DURABILITY

Designed to deliver the comfort, efficiency and reliability of tomorrow, Carrier's 38YXA heat pump is the perfect choice for homeowners today. On the outside, our WeatherArmor™ III system combines a heavy, galvanized steel cabinet, a heavy-duty wire grid and ceramic-coated screws to protect your heat pump system from rust, corrosion and other potentially damaging outdoor elements. Inside the unit, the rugged, durable components are made of copper, brass and aluminum for long-lasting comfort and energy savings.

From the first phases of development to the finished product, Carrier's extensive testing ensures that each 38YXA heat pump meets our strict requirements for performance and durability. Our reliability checks begin with design and assembly-line testing. Then, Carrier designs and tests the 38YXA for applications up to 125°. That's a full 10° higher than the industry standard requirements. Finally, each product is run-tested by a bank of computers which check the vital functions to ensure that your new heat pump will meet your comfort demands.



For every \$100 you would spend to cool your home using an 8 SEER system, a 14 SEER Carrier 38YXA system should cost about \$57. Actual savings will depend on the efficiency of your current system compared to the efficiency of a new system.



The 38YXA 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.



By adding the Puron-specific variable-speed FV4A fan coil and Carrier's exclusive Thermidstat™ Control to your

38YXA system, you can expect dramatic improvements in your year-round comfort. Carrier's Comfort Heat Pump System combines high-performance components to deliver up to 20° warmer air temperatures in heating than a standard heat pump. During the cooling cycle, the Comfort Heat Pump System can remove up to 30 times more moisture from your indoor air for improved comfort and humidity levels. Ask your Carrier dealer how Carrier's Comfort Heat Pump System can improve your comfort.

CARRIER'S 38YXA OFFERS NEW TECHNOLOGY WITH PROVEN QUALITY AND RELIABILITY.

TECHNOLOGY

ENVIRONMENTALLY SOUND

Puron® refrigerant delivers year-round comfort without harming the earth's ozone layer.

FUTURE COST OF SERVICE SAVINGS

Puron refrigerant in your heat pump system will help you avoid the potentially high costs of maintaining products using Freon®-22*.

ENERGY EFFICIENCY

1 Scroll compressor designed specifically for use with Puron refrigerant operates with extra energy efficiency.

2 Copper tube/aluminum fin coil maximizes heat transfer needed for indoor heating and cooling and resists corrosion for years of money-saving cooling.

3 Puron refrigerant provides higher efficiency heat transfer than Freon®-22 for energy-saving indoor comfort.

EXCEPTIONALLY QUIET OPERATION

4 Stylized Silencer System top for reduced air turbulence and the accompanying sound.

5 Highly efficient fan designed to quietly move outdoor air at lower speeds.

6 Deluxe compressor sound hood absorbs compressor sound.

7 Compressor vibration isolator plate prevents vibrational noise from being transferred to the base pan and potentially into the home.

8 Discharge muffler ensures quiet performance by minimizing pulsations in the refrigerant line.

SUPERIOR RELIABILITY

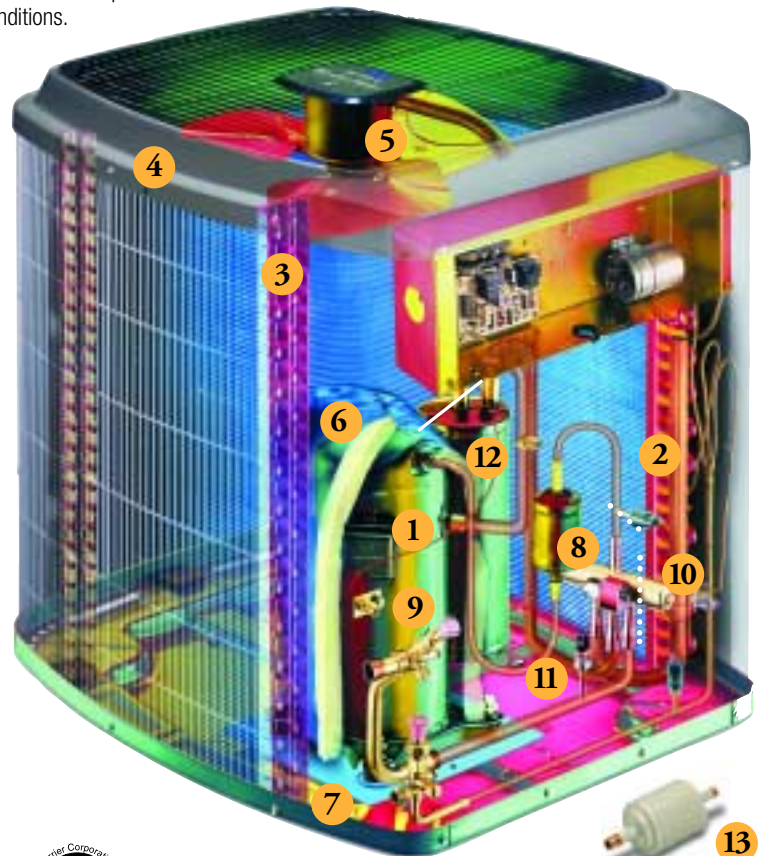
9 Carrier's Puron scroll compressor design has the most trouble-free performance record of any scroll compressor on the market today. And the extra-thick shell protects the life of your compressor for excellent reliability.

10 High and low pressure switches protect the compressor from extreme conditions.

11 Discharge temperature switch adds to the reliability and overall performance of the 38YXA by protecting the compressor from over heating.

12 Patented Accumulator ensures smooth operation by delivering extra lubrication to the compressor. Oil-rich refrigerant is sent to the compressor to help maintain the efficiency and overall reliability of the 38YXA.

13 Filter drier constantly filters the refrigerant to remove moisture or contaminants that can harm your heat pump.



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

WARRANTY

Carrier ensures your indoor comfort by providing written product and component warranties. The scroll compressor is protected by a **ten-year limited warranty**. The entire unit is protected by a **five-year parts limited warranty**. Extended warranties are also available. Ask your Carrier dealer for details.



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



The WeatherArmor™ III system protects your heat pump from hazards such as harsh weather, garden tools and sports equipment. The enhanced coil guard protects the unit's coil to help maintain top performance and efficiency. The heavy-duty galvanized steel cabinet resists corrosion and scratches. The cabinet is held together with ceramic-coated screws for additional protection against rust and corrosion.

* Freon is a registered trademark of E. I. Dupont de Nemours & Co.

CARRIER DELIVERS ENVIRONMENTALLY SOUND COMFORT AND MONEY-SAVING EFFICIENCY FOR THE FUTURE.

LEADERSHIP

By combining our knowledge of indoor technology with new innovations and designs, Carrier remains at the forefront of the indoor comfort industry. According to the Clean Air Act of 1990, Freon®-22* and other harmful refrigerants will be phased out of use and homeowners will soon have to turn to Puron® refrigerant to maintain their indoor comfort. That's why Carrier has been designing and testing heating and cooling equipment that uses Puron, the refrigerant approved by the EPA to replace Freon®-22. In fact, Carrier has been offering Puron-based systems like the 38YXA since 1996, developing a complete line of products using the world's first, long-term solution to ozone depletion. Environmentally and economically sound, and extremely reliable, Carrier's 38YXA heat pump with Puron refrigerant provides the comfort you expect from an industry leader like Carrier.



The 38YXA allows homeowners to avoid the potentially skyrocketing costs for servicing units with Freon®-22. In the past, when a refrigerant has been phased out, the costs of servicing products using that refrigerant have risen dramatically. It happened in the automobile industry with Freon®-12, and it could easily happen with Freon®-22. By choosing the 38YXA with Puron refrigerant, you begin saving money right away and avoid the potentially higher service costs later.

Carrier products have always delivered excellent reliability, and these new products with Puron® refrigerant improve on that record. In fact, our Puron-based heat pumps have gained recognition nationwide for dependable operation.



"Another factor to consider these days is the use of environmentally friendly refrigerants. ...Carrier is the first manufacturer in the industry to offer Puron—an environmentally sound...refrigerant that offers high efficiency and long-term cost savings to homeowners."

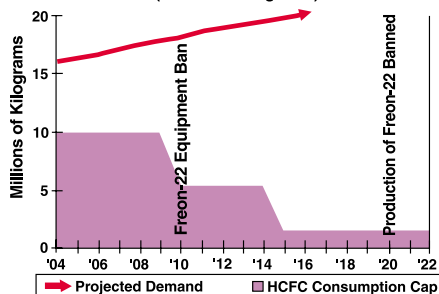
— Consumers Digest, May/June 1998

1996 – A cap was placed on the production of refrigerants that use HCFCs.

2010 – Manufacture of new air conditioners and heat pumps utilizing Freon®-22 is prohibited.

2020 – Production of Freon®-22 is banned.

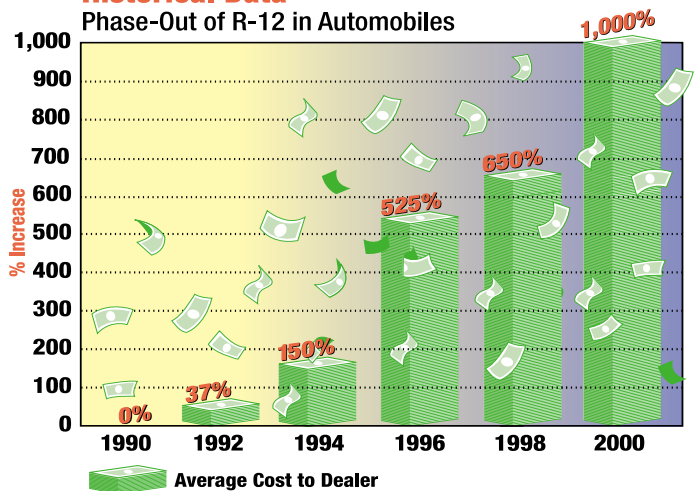
HCFC Consumption Cap and Projected Demand
(in million kilograms)



The U.S. Government has begun phasing out chemicals that destroy the ozone layer. By 2010, Freon®-22 will be banned from use in new HVAC equipment.

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Historical Data
Phase-Out of R-12 in Automobiles



By replacing your older heat pump with a Carrier model using Puron refrigerant, you could be protecting yourself from the rising costs of servicing Freon®-22 products.

CARRIER SYSTEMS OFFER UNMATCHED PERFORMANCE.

CARRIER SYSTEMS

Humidifier

As part of a total Carrier system, a Carrier humidifier replenishes moisture to dry, 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 breath of fresh air to today's tightly constructed home. It combines fresh outdoor air with conditioned air for improved air and energy exchanges.

Thermidistat™ Control

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

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 air quality 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 the peak performance and reliability. Ask your Carrier dealer about environmentally sound Carrier heat pumps with Puron® refrigerant.



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 a heat pump combined with a furnace 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 system.
- Zoning provides the ultimate control for truly custom made indoor comfort.

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.

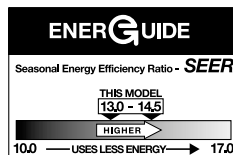
Today, you can rely on your local Carrier dealer to evaluate your indoor comfort needs and suggest a customized system that fits those precise requirements. By recommending the appropriate heat pump, fan coil, humidifier, air cleaner, ventilator,



zoning system and controls, your Carrier dealer can deliver enhanced comfort while improving the efficiency of your indoor system. Ask your Carrier dealer for a system evaluation today.



www.carrier.com



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

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

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

