



WEATHERMAKER® 38TZA

HIGH EFFICIENCY CENTRAL AIR CONDITIONING
WITH PURON® REFRIGERANT



AVOID POTENTIALLY HIGHER SERVICE COSTS WITH PURON® REFRIGERANT.
EFFICIENCIES UP TO 14 SEER.

RELIABLE, ENVIRONMENTALLY SOUND INDOOR WEATHER THAT CAN SAVE YOU MONEY.

INDOOR WEATHER

Carrier's 38TZA delivers outstanding cooling comfort with a clear conscience now and well into the future. Back in 1902, when Willis Carrier invented air conditioning, controlling your indoor weather meant simply maintaining a comfortable temperature inside. Now, it's complicated. Energy efficiency, reliability, environmental impact, quietness of operation and future service costs are important considerations. As homeowner needs and government regulations have changed, Carrier has been at the forefront of the industry. By continuously providing innovative products that meet or exceed consumer expectations and by operating within the growing list of regulatory requirements, Carrier has become the world's most trusted source for superior indoor weather.



EFFICIENCY & SAVINGS

Enjoy cool, summer comfort and electrical savings while helping preserve the earth's ozone layer. Puron® refrigerant is a

more energy efficient refrigerant than Freon®-22*, and with the 38TZA, that means efficiency ratings up to 14 SEER (Seasonal Energy Efficiency Ratio). This air conditioner easily surpasses the efficiency of a typical, older air conditioner you may be replacing as well as many new models. That means you can enjoy cool, comfortable summers while saving money on your electric bill. At the same time, the

38TZA does its part to eliminate depletion of the ozone layer through the use of Puron refrigerant. That will become more and more important in the future as the refrigerant used in most current cooling systems, Freon®-22, is in the process of being phased out by the federal government.

Carrier has been at the forefront in the effort to develop products that use Puron® refrigerant, giving us clear advantages in reliability, performance and future cost of service issues.

Carrier was the first company to offer a long-term replacement for Freon®-22 as far back as 1994. That experience, coupled with our existing knowledge of indoor weather technology has allowed us to develop a new air conditioner family that is Carrier's most reliable and quietest operating product line currently available. Designed, built and backed by the most respected name in the comfort industry, the 38TZA air conditioner delivers custom made indoor weather for the future.



For every \$100 you would spend to cool your home using an 8 SEER system, a 12 SEER Carrier 38TZA system should cost about \$67. Actual savings will depend on the efficiency of your current system compared to the efficiency of a new system.

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

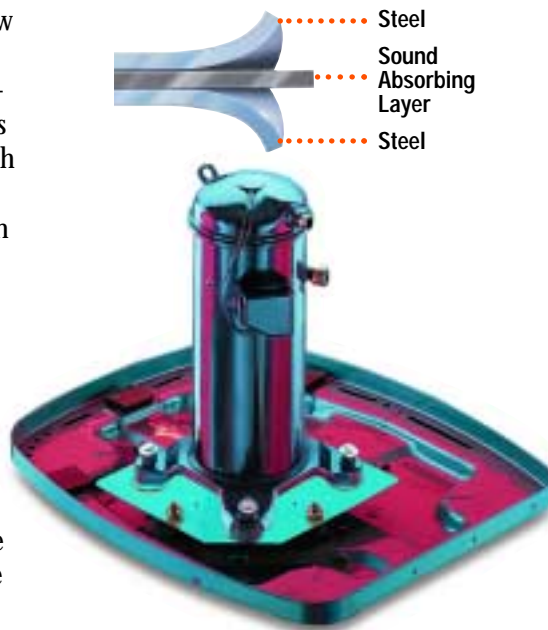
ENJOY THE QUIET OPERATION AND RELIABLE PERFORMANCE OF CARRIER'S DURABLE 38TZA AIR CONDITIONER.

INDUSTRY LEADER

At Carrier, we understand that it's hard to relax outdoors with a noisy air conditioner, so we take several steps to ensure the 38TZA is one of the industry's quietest air conditioners. Carrier's exclusive Silencer System ensures extra-quiet cooling. The Silencer System includes four main elements: the Silencer System top, a low-speed fan motor with large-diameter fan blades, a compressor vibration isolator plate and a sound hood. The Silencer System top is designed to allow smooth, easy airflow into and out of the outdoor unit to minimize noise associated with turbulent air. This new top design allows us to utilize the low-speed fan motor with large-diameter fan blades, which is quieter and more energy efficient than a high-speed model. 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 absorbs vibrational noise created through compressor operation. The sound hood is designed of sound-absorbing materials which blanket the compressor to add a final touch to the noise reduction system.

A byproduct of this Silencer System is greater operational efficiency. Because the Silencer System greatly improves airflow through the outdoor coil section, your air conditioning system doesn't work as hard as other competitive systems. As a result, the 38TZA delivers soothing indoor weather with money-saving energy efficiency. And, because the system is more efficient, the coil can be made smaller to take up less of your valuable garden space.

Laminated Steel (enlarged to show detail)

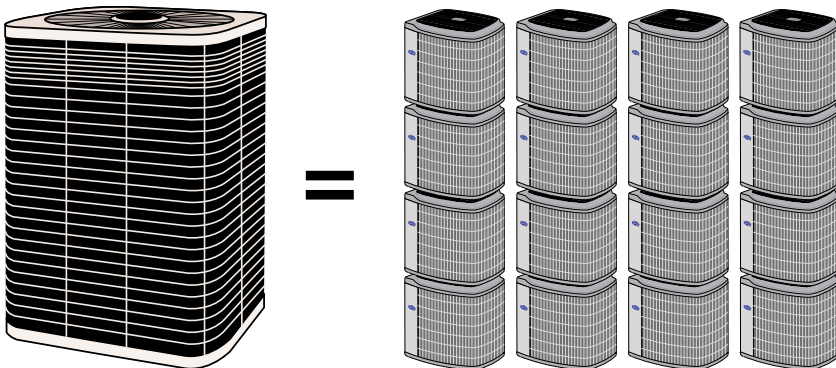


RELIABILITY

Carrier maintains the industry's toughest reliability testing standards to be sure that every product we make will provide trusted indoor weather performance. Every step of the development process has reliability testing built in. In fact, Carrier designs and tests the 38TZA for applications up to 125°. That's a full 10° higher than the industry standard requirements. During the design phase, hand-built prototypes are tested for potential performance issues. Test stations on the production line provide quality control during assembly. Then, each product is run-tested by a bank of computers that monitors all vital functions to ensure the performance will meet your expectations.

Our very first product with Puron® refrigerant has become the most trouble-free model in our entire product offering. And since that time, we have become even more experienced with installing and servicing these new products. That means your local Carrier dealer, the Indoor Weather Expert, is ahead of the competition when it comes to working with these new and innovative products. Through a special factory training program, Carrier has certified more than twenty-thousand service technicians nationwide to be your Puron refrigerant specialists.

COMPARATIVE SOUND LEVELS AT 2.0-TON SIZE*



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

It takes up to sixteen Carrier 38TZA models operating at the same time to equal the sound produced by one typical air conditioner.

ENJOY INDOOR WEATHER DESIGNED FOR DURABLE, LASTING OPERATION.

DURABILITY

Carrier has been around for nearly a century by offering products designed to take the abuse of the great outdoors and deliver lasting, reliable indoor weather. On the outside, our WeatherArmor™ III system combines a heavy galvanized steel cabinet, 12-gauge wire coil guard and ceramic-coated screws to provide protection against rust, corrosion and the abuse that comes from sitting outside next to your home.



WeatherArmor™ III provides three levels of protection for your new system.

WARRANTY

To ensure reliability, Carrier offers protection with product and component warranties. The 38TZA compressor is backed by a **ten-year limited warranty**. The entire unit is protected by a **five-year limited parts warranty**. Extended warranties are also available. Ask your Indoor Weather Expert for details.



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



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

TECHNOLOGY

ENVIRONMENTALLY SOUND

Puron® refrigerant delivers cool comfort without harming the earth's ozone layer.

FUTURE COST OF SERVICE SAVINGS

Puron refrigerant in your cooling 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 cooling and resists corrosion for years of money-saving comfort.

3 Puron refrigerant provides higher efficiency heat transfer than Freon®-22 for money-saving cooling.

EXCEPTIONALLY QUIET OPERATION

4 Silencer System top allows air to glide smoothly through the system.

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

6 Deluxe compressor sound hood absorbs compressor sound.

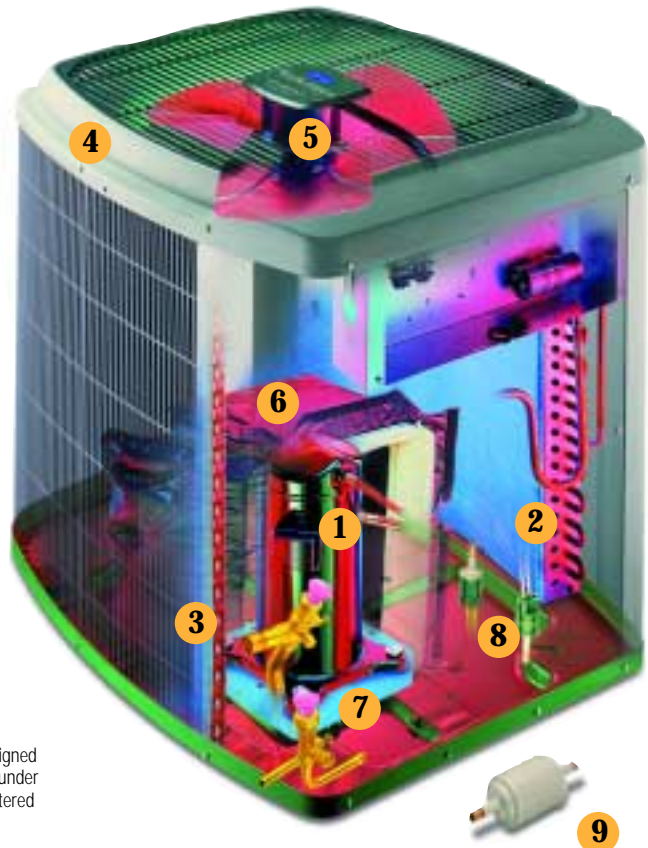
7 Compressor vibration isolator plate, a Carrier exclusive, prevents vibrational noise from being transferred to the base pan.

SUPERIOR RELIABILITY

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

8 High and low pressure switches prevent the system from damage if a harmful condition is detected.

9 Filter drier constantly filters the refrigerant to remove moisture or other contaminants that can harm your air conditioner.



* 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 weather technology with new innovations and designs, Carrier remains at the forefront of the indoor weather 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 38TZA since 1996, developing a complete line of products using the world's first, long-term solution to ozone depletion. Environmentally sound, economically sound and extremely reliable, Carrier's 38TZA air conditioner with Puron refrigerant provides the comfort you expect from an industry leader like Carrier.



The 38TZA 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 38TZA 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 air conditioners 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."

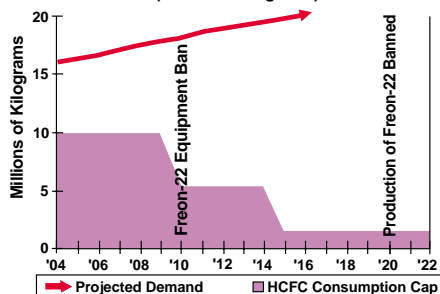
— Consumers Digest, May/June 1998

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.

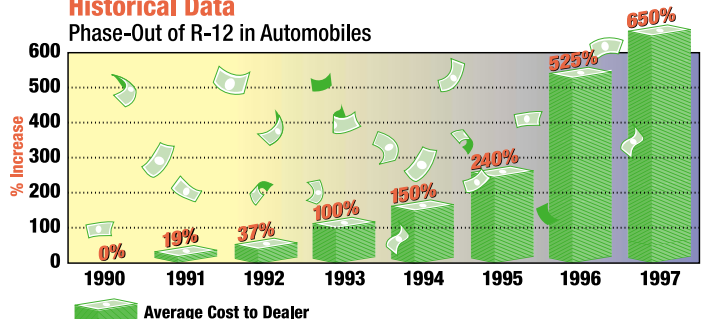
HCFC Consumption Cap and Projected Demand (in million kilograms)



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.

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

Historical Data Phase-Out of R-12 in Automobiles



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

CARRIER INDOOR WEATHER SYSTEMS OFFER UNMATCHED PERFORMANCE.

INDOOR WEATHER SYSTEMS

Humidifier

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

Evaporator Coil

A Carrier evaporator coil is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service. If replacing your outdoor unit, Carrier recommends the replacement of the indoor section as well, to ensure peak performance and reliability.

Furnace

Carrier offers a complete line of top-quality, high-efficiency gas and oil furnaces. Ask your Indoor Weather Expert which one is right for you.

Air Cleaner

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

Air Conditioner

The complete line of Carrier air conditioners provides reliable, high-efficiency cooling for long-lasting comfort and energy savings. Ask your Indoor Weather Expert about environmentally sound Carrier air conditioners with Puron® refrigerant.

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 indoor air for improved air and energy exchanges.

Thermostat

A Carrier thermostat 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, either an air conditioner or a heat pump, will be matched with an indoor coil. All system components should be properly matched to improve energy efficiency and long-term reliability.
- 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 weather system.
- Zoning provides the ultimate control for truly custom made indoor weather.



EXPERTISE

Carrier has been on the leading edge of the indoor weather 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

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

Today, you can rely on your local Carrier dealer to evaluate your indoor weather needs and suggest a customized system that fits those precise requirements. By recommending

the appropriate furnace, air conditioner, humidifier, air cleaner, ventilator, zoning system and controls, your Carrier Indoor Weather Expert can deliver enhanced comfort while improving the efficiency of your indoor weather system. Ask your Indoor Weather Expert for a system evaluation today.



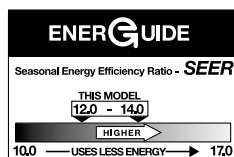
www.carrier.com

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

© Carrier Corporation 2001

838-853

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 air conditioning industry seals of certified performance, efficiency and capacity.

