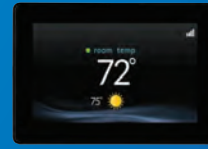




Turn to the experts



# EVERYTHING YOU NEED FOR TOTAL COMFORT

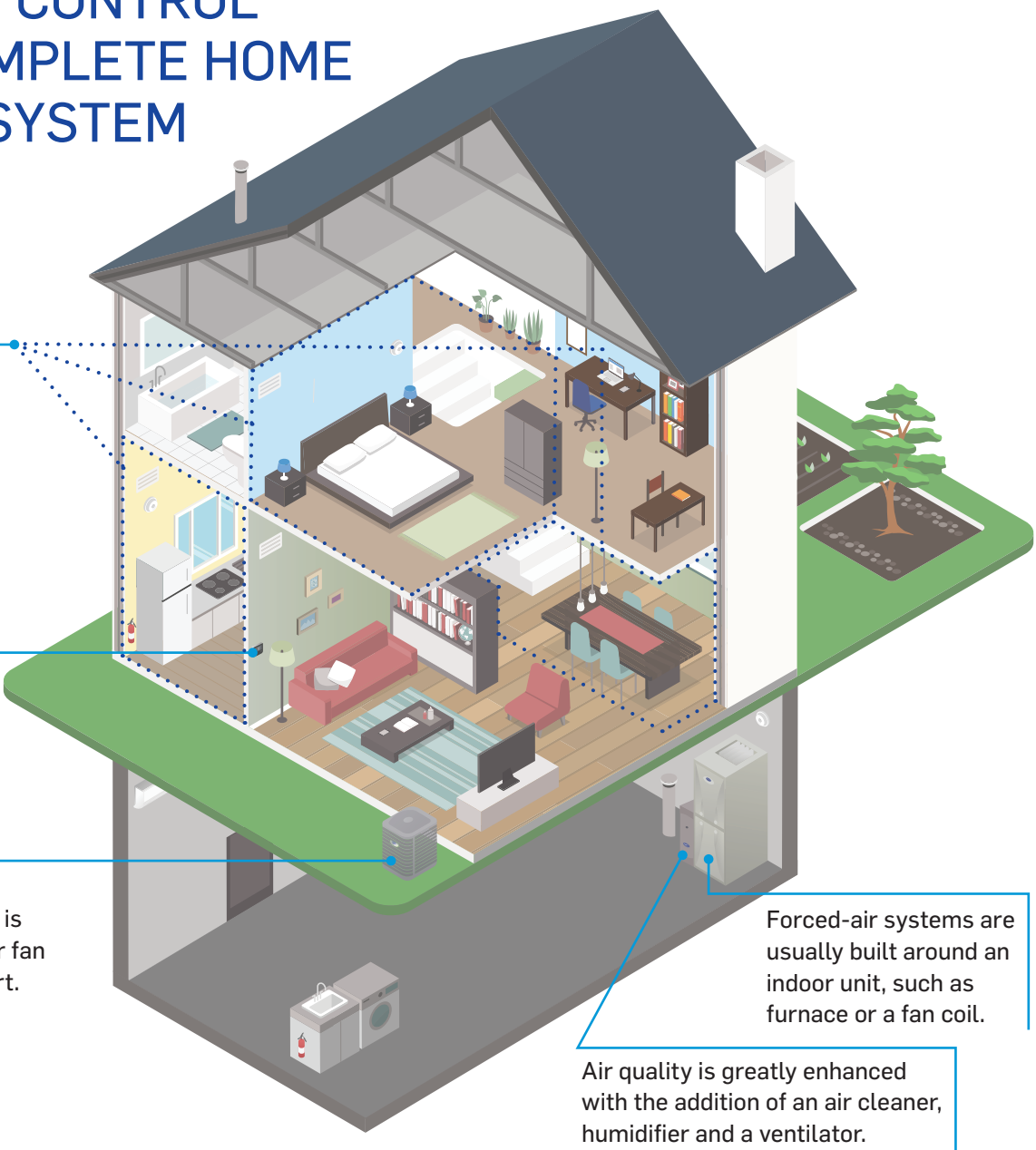


# WHY CHOOSE A CARRIER HEATING AND COOLING SYSTEM

Willis Carrier invented air conditioning in 1902. Over 100 years later, Carrier continues to be on the forefront of leading-edge innovation and highest standards of excellence with the Infinity® System and advanced technologies such as Greenspeed® intelligence, Comfort Heat Technology® feature and Ideal Humidity System™ technology. Carrier's engineers and dealers strive to provide homeowners with the most innovative indoor comfort solutions available.

- Carrier has one of the most extensive product-testing facilities in the world to help deliver one of the lowest failure rates in the industry.
- Carrier maintains one of the toughest reliability testing standards in the industry, helping to provide trusted indoor comfort and performance for years.
- During the design phase, hand-built prototypes are tested to maximize performance levels.
- Production-line test stations provide quality control during assembly. Then, a bank of computers test each product to ensure performance.

## GAIN MORE CONTROL WITH A COMPLETE HOME COMFORT SYSTEM



Zoning provides the ultimate control for custom comfort in up to eight areas of the home.

Precise temperature control comes from a Carrier thermostat which is matched to your specific system.

The outdoor unit, an air conditioner or heat pump, is matched with a furnace or fan coil for year-round comfort.

Forced-air systems are usually built around an indoor unit, such as furnace or a fan coil.

Air quality is greatly enhanced with the addition of an air cleaner, humidifier and a ventilator.

# THINGS TO CONSIDER BEFORE YOU BUY A HEATING AND COOLING SYSTEM

## EFFICIENCY

Efficiency ratings are like gas mileage – the higher the rating, the more efficient the product. All products are given the following ratings, so you'll know exactly what to expect from your investment.



## REFRIGERANT

Carrier was the first to introduce a new, non-ozone-depleting refrigerant called Puron refrigerant – a full six years ahead of the competition – paving the way for the future. Puron refrigerant is chlorine-free, so it doesn't damage the Earth's ozone layer.



## COMFORT

Carrier specializes in creating a customized home comfort system with our broad selection of heating and cooling products, as well as with our indoor air quality products. Your Carrier dealer can help you choose the best system for your home including Carrier-exclusive features that further enhance your indoor environment.



## SOUND

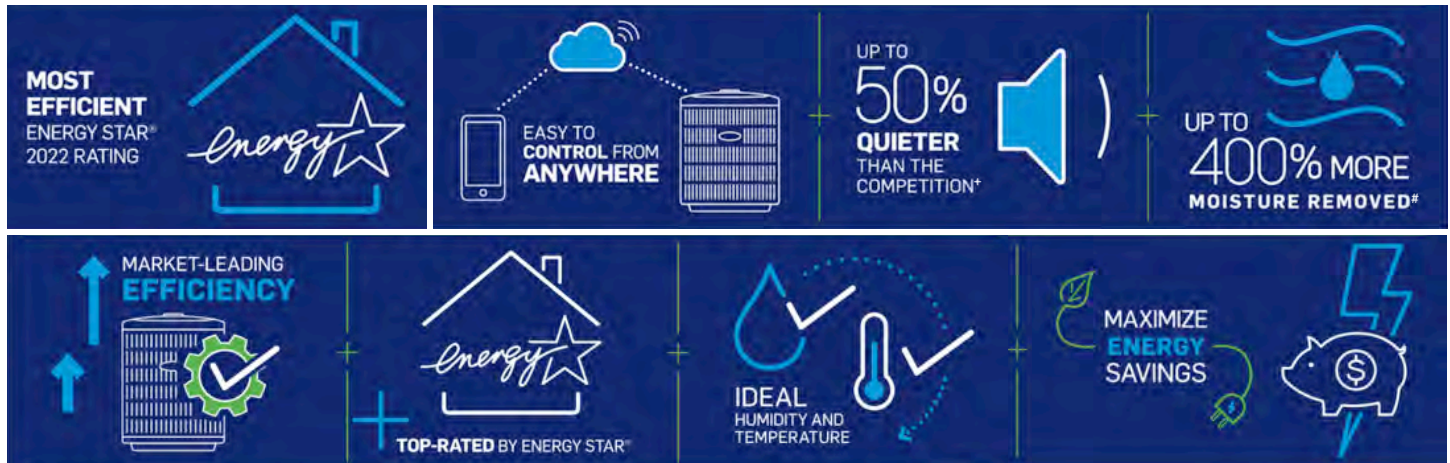
Home comfort shouldn't come at your ears' expense. That's why quiet is built right into every system. Carrier furnaces feature the QuieTech™ noise reduction system that provides comfortable heat while generating very little noise in the process. And you'll find our Silencer System II™ design on several of our outdoor models to ensure extremely quiet operation.



# ULTIMATE HOME COMFORT WITH A CARRIER INFINITY SYSTEM

## WHAT IS THE INFINITY SYSTEM?

The Infinity System is a full range of top-of-the-line heating and cooling products – from traditional single-stage models to our fully variable-speed models with Greenspeed® intelligence. These products work together seamlessly to let you customize your home's indoor environment, while also giving you information to make smarter decisions about energy management. Created with you and your family in mind – it's simple to operate, energy efficient, and quiet.



## INFINITY WALL CONTROL

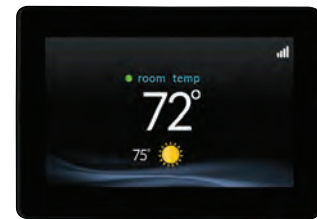
The Infinity System Control is sleek and compact, and mounts on your wall. As command headquarters for your home comfort system, it enables communication between your indoor and outdoor equipment allowing the system to learn and adapt, offering greater comfort and performance. You'll quickly redefine how you view comfort with this simple yet intelligent tool.



SYSTXCCITC01-B



SYSTXCCWIC01-B



SYSTXCCITC01-C

## INNOVATIVE SERVICE FEATURES

With the Infinity System, homeowners can enjoy our most up-to-date comfort and performance features with convenient and unobtrusive wireless updates.<sup>5</sup> Similar to the software updates that you receive on your mobile device, now you can also get our latest technologies uploaded directly to your Infinity system. Our Wi-Fi®-enabled systems may help reduce or eliminate dealer service calls while providing optimum performance through system updates. Plus, if service is required, these models have Bluetooth® technology built-in for serviceability. In some cases, your dealer might be able to service the unit without having to enter your home.

## CARRIER AIR CONDITIONERS

### INFINITY SYSTEM



Infinity  
24VNA6

Infinity  
24VNA9

- Infinity 24VNA6 high energy efficiency – up to 24.0 SEER2
- Infinity 24VNA9 high energy efficiency – up to 19.0 SEER2
- Infinity 24VNA6 with Greenspeed intelligence offers precise cooling and uncompromising energy efficiency
- Infinity 24VNA9 provides variable-speed operation for energy savings and even temperatures
- Non-ozone depleting Puron refrigerant
- Quiet operation with Carrier's Silencer System II™ - with sound ratings as low as 51 dB
- Protected by WeatherArmor™ Ultra coil guard

### Performance SERIES



Performance™  
24TP47, 24SPA6, 24TPB7

- High energy efficiency – up to 17.5 SEER2
- Non-ozone depleting Puron refrigerant
- Two-stage capability – operates on low-speed 80% of the time for energy savings and even temperatures
- Featuring IntelliSense technology for a smarter, faster, and more efficient service experience. (Model 24TPB7)
- Protected by Carrier's WeatherArmor Ultra™ coil guard
- Compatible with the Infinity System for increased comfort and ease of use
- Sound ratings as low as 73 dB

### Comfort SERIES



Comfort™  
24SCA5, 24SCA4

- High energy efficiency up to 16.5 SEER2
- Non-ozone depleting Puron refrigerant
- Protected by Carrier's WeatherArmor™ coil guard
- Sound levels as low as 75 dB

Comfort  
34SCA5



## Carrier Infinity Air Conditioners: Innovation, Advanced Technology and Lasting Comfort.

**Puron refrigerant** – chlorine-free and non-ozone depleting.

**1 Compressor** – the heart of the air conditioner, the compressor pumps refrigerant through the system.

**2 Inverter-driven variable-speed operation** – delivers cooling efficiency up to 24.0 SEER2.

**3 Infinity electronic control board** – allows the unit to connect to the Infinity system control for the ultimate in comfort. "Smart" electronics track previous cycles and automatically select the best settings for maximum comfort and efficiency.

**4 Copper Microtube™ / aluminum fin coil** – transfers heat outside to maximize indoor cooling while resisting corrosion.

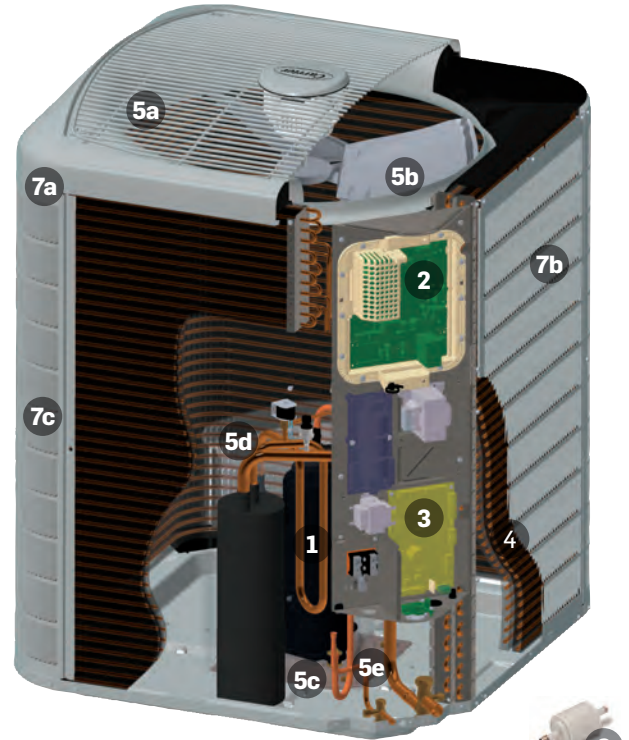
**5 Carrier's exclusive Silencer System II** – helps deliver quieter operation by optimizing airflow, minimizing vibration, and using sound-absorbing materials. The five key components include:

- a. Silencer top
- b. Integrated fan motor and forward-swept fan blade
- c. Compressor vibration isolator plate
- d. Two sound hoods
- e. Split-post compressor grommets

**6 Filter drier** – constantly filters the refrigerant to remove moisture or contaminants that can damage your system.

**7 WeatherArmor™ Ultra protection** – combines three design elements that protect your comfort.

- a. Galvanized steel cabinet
- b. Louvered coil guard
- c. Baked-on powder paint



Infinity  
24VNA6



## CARRIER HEAT PUMPS

### INFINITY SYSTEM



Infinity  
25VNA4

Infinity  
25VNA8

- Infinity 25VNA4 high energy efficiency – up to 22.0 SEER2 and 10.5 HSPF2
- Infinity 25VNA8 high energy efficiency – up to 18.5 SEER2 and 9.0 HSPF2
- Infinity 25VNA4 with Greenspeed® intelligence offers precise heating and cooling and uncompromising energy efficiency
- Infinity 25VNA8 provides variable-speed operation for energy savings and even temperatures
- Non-ozone depleting Puron refrigerant
- Quiet operation with Carrier's Silencer System II™ – with sound ratings as low as 51 dB
- Protected by WeatherArmor™ Ultra coil guard
- Infinity control board for ultimate comfort

### Performance SERIES



Performance  
25TPA7, 25SPA5, 25TPB7



Performance  
38MURA

- High energy efficiency – up to 17.0 SEER2 and 8.1 HSPF2
- Non-ozone depleting Puron refrigerant
- Two-stage capability – operates on low-speed 80% of the time
- Featuring IntelliSense technology for a smarter, faster, and more efficient service experience. (Model 25TPB7)
- Ultra-compact, high-efficiency Performance 38MURA with up to 18.0 SEER2 and a sound rating as low as 54 dB
- Protected by Carrier's WeatherArmor Ultra coil guard
- Sound ratings as low as 70 dB

### Comfort SERIES



Comfort  
25SCA5

- High energy efficiency – up to 16.0 SEER2 and 8.1 HSPF2
- Non-ozone depleting Puron refrigerant
- Protected by Carrier's WeatherArmor™ coil guard
- Sound ratings as low as 69 dB

## Carrier Infinity Heat Pumps Designed for Tomorrow's Needs Today.

**Puron refrigerant** – chlorine-free and non-ozone depleting.

**1 Compressor** – the heart of the heat pump, the compressor pumps refrigerant through the system.

**2 Inverter-driven variable-speed operation** – delivers unprecedented heat pump efficiency of up to 22.0 SEER2 and 10.5 HSPF2.

**3 Infinity control board** – allows the unit to connect to the Infinity system control for the ultimate comfort control. You control comfort schedules, heating, cooling, humidification, dehumidification, fan speed and much more all from one easy-to-use control on the wall in your home.

**4 Copper Microtube/aluminum fin coil** – transfers heat outside to maximize indoor cooling while resisting corrosion.

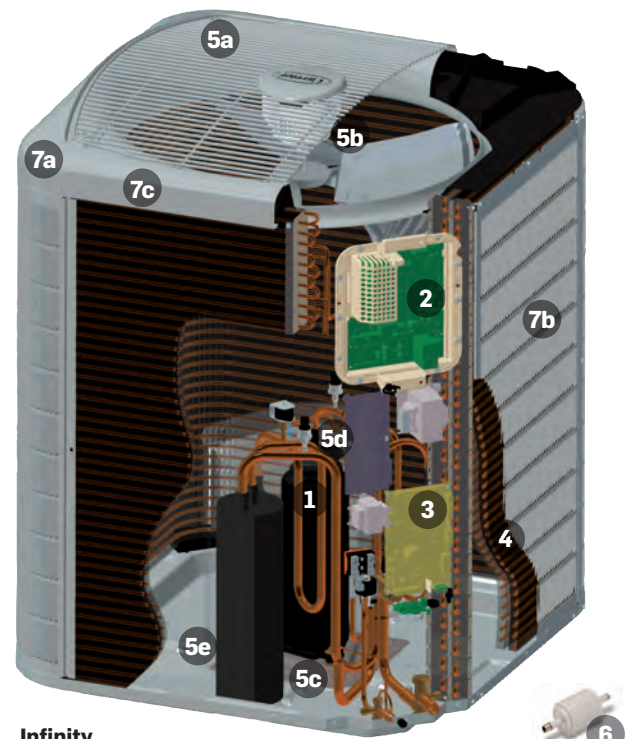
**5 Carrier's exclusive Silencer System II** – helps deliver quieter operation by optimizing airflow, minimizing vibration, and using sound-absorbing materials. The five key components include:

- Silencer top
- Integrated fan motor and forward-swept fan blade
- Compressor vibration isolator plate
- Two sound hoods
- Split-post compressor grommets

**6 Filter drier** – constantly filters the refrigerant to remove moisture or contaminants that can damage your system.

**7 WeatherArmor Ultra protection** – combines three design elements that protect your comfort.

- Galvanized steel cabinet
- Louvered coil guard
- Baked-on powder paint



Infinity  
25VNA4

Heats. Cools. Saves.  
**HYBRIDHEAT.**

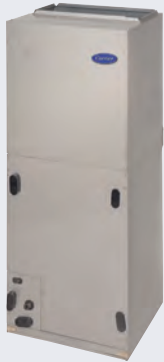
**Puron**  
non-ozone depleting refrigerant

**greenspeed**  
INTELLIGENCE

**Energy Star**  
LEARN MORE AT  
energystar.gov

## CARRIER FAN COILS

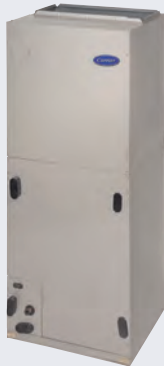
### INFINITY<sup>™</sup> SYSTEM



Infinity  
FE4

- Variable-speed model offer:
  - Maximum energy efficiency enhances cooling efficiency up to two SEER2 points
  - Increased comfort with warmer heating temperatures than standard heat pump systems
  - Improved humidity control and enhanced indoor air quality
- Infinity control board keeps track of previous cycles and allow the system to automatically adjust the heating and cooling stages for the best comfort and energy efficiency
- Designed to match with non-ozone depleting Puron refrigerant
- Equipped with a mechanical Thermal Expansion Valve (TXV)

### Performance<sup>™</sup> SERIES



Performance  
FT4

- Variable-speed model offers:
  - Maximum energy efficiency enhances cooling efficiency up to two SEER2 points
  - Increased comfort with warmer heating temperatures than standard heat pump systems
  - Improved humidity control and enhanced indoor air quality
- Featuring IntelliSense technology for a smarter, faster, and more efficient service experience.
- Designed to match with non-ozone depleting Puron refrigerant
- Equipped with a mechanical Thermal Expansion Valve (TXV)

### Comfort<sup>™</sup> SERIES



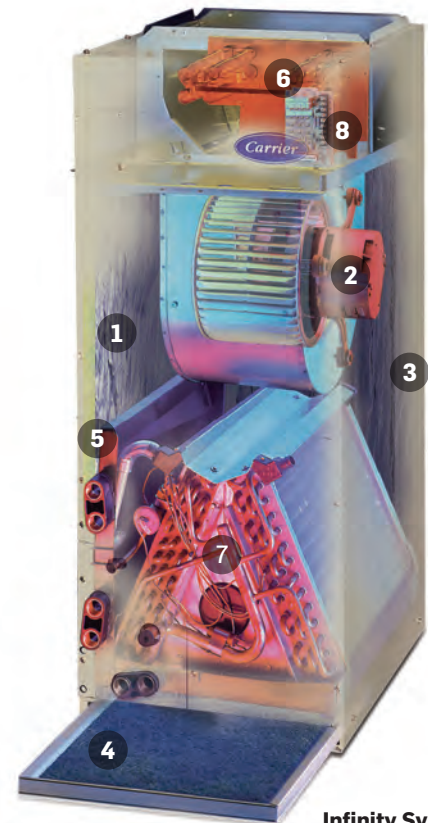
Comfort  
FJ4, F54

- Multi-speed models offer:
  - Maximum energy efficiency enhances cooling efficiency up to two SEER2 points
  - Increased comfort with warmer heating temperatures than standard heat pump systems
  - Improved humidity control and enhanced indoor air quality
- Equipped with a mechanical Thermal Expansion Valve (TXV)

## Improve SEER2 Ratings by up to Two Full Points with a Carrier Fan Coil.

**Puron refrigerant** – chlorine-free and non-ozone depleting.

- 1 Foil-faced insulation** – helps isolate sound, reduces bacterial growth and features an easy-to-clean surface.
- 2 ECM variable-speed motor and easy-select board** – increases system efficiency up to two full SEER2 points. They combine to generate noticeably warmer air during the heating season than a standard heat pump system.
- 3 Airtight cabinets** – keep air inside and direct it within your ductwork for greater efficiency.
- 4 Filter rack** – updated filter rack now fits standard sized filters for easy replacement.
- 5 Enhanced drain pan design** – allows complete drainage to improve indoor air quality.
- 6 Electric resistance heaters** – maintain heat consistency during extremely cold temperatures.
- 7 Mechanical thermal expansion valve** – precisely controls refrigerant distribution for improved comfort and cost-savings.
- 8 Infinity control board** – allows the fan coil to connect to the Infinity System Control for the ultimate comfort control. Smart electronics keep track of previous cycles and allow the system to automatically adjust the heating and cooling stages for the best comfort and energy efficiency.



Infinity System



## CARRIER GAS FURNACES

### INFINITY SYSTEM



Infinity 98

- Infinity 98 high energy efficiency – up to 98.5% AFUE
- Infinity 80 high energy efficiency – 80% AFUE
- Infinity 98 provides adaptable speed operation with Greenspeed intelligence
- Infinity control boards keep track of previous cycles and allow the system to automatically adjust the heating and cooling stages for the best comfort and energy efficiency
- Variable-speed blower allows unit to operate at lower speeds the majority of the time, ensuring consistent airflow and temperature



Infinity 80

### Performance SERIES



Performance 96

- Performance 96 high energy efficiency – up to 96.5% AFUE
- Performance 80 high energy efficiency – 80% AFUE
- Two-stage heating – low-speed allows for ultra-quiet operation and maximum comfort
- Performance 96 variable-speed blower allows unit to operate at lower speeds the majority of the time, ensuring consistent airflow and temperature
- Performance 80 Comfort Heat Technology® feature
  - Temperature stays closer to thermostat set point
- Improved dehumidification
  - Sealed combustion design reduces burner sound
- Improved humidity control



Performance 80

### Comfort SERIES



Comfort 95

- Comfort 95 high energy efficiency – up to 96.5% AFUE
- Comfort 80 high energy efficiency – 80% AFUE



Comfort 80

## Maximize Your Comfort with a Carrier Infinity Gas Furnace with Greenspeed Intelligence.

- 1 Burner ignition** – as one of the most robust and durable ignition systems available, Power Heat™ hot surface ignition replaces pilot lights and reduces utility consumption.
- 2 Modulating-stage gas valve** – provides multiple heating capacities. The low capacity works during milder days while the high capacity engages during colder temperatures.
- 3 Variable-speed inducer motor** – precisely controls air intake within the combustion system for high-efficiency performance.
- 4 Variable-speed blower** – ensures consistent airflow and temperature maintenance, helping to keep rooms more comfortable while improving air quality.
- 5 Two heat exchangers** – are vital to your comfort and the efficiency of your furnace because they extract heat from the gas used. The Infinity 98 uses two heat exchangers to optimize efficiency. Our primary heat exchanger does most of the work. Then, our secondary heat exchanger pulls additional heating energy from operation to maximize efficiency and provide soothing comfort.
- 6 Infinity furnace control board** – allows the unit to connect to an Infinity system control for the ultimate comfort control. Smart electronics keep track of previous cycles and allow the system to automatically adjust the heating and cooling stages for the best comfort and energy efficiency.



Infinity 98



Ideal Humidity™





## PACKAGED PRODUCTS - COMBINED HEATING & COOLING SYSTEMS

Our packaged HVAC systems are designed to make it easy for you to have whole-home heating and cooling. We've combined multiple components into a single unit that sits outside your home to deliver the comfort you're looking for – heat in the winter and cooling in the summer.

### WHAT TO LOOK FOR IN COMBINED HEATING AND COOLING SYSTEMS

#### Comfort Features



Whole-home heating and cooling systems deliver a comfortable home environment year-round. The single- and multi-stage compressors and premium features to give you the most precise temperature control and consistent comfort.

#### System Type

Packaged products can be powered by three different methods.



- Cooling-only packaged products run solely on electricity.
- Gas heating and cooling units use gas for heating and electricity for cooling.
- Heat pump packaged products use electricity to heat and cool.

#### Sound Performance



Central heating and cooling units are designed with components that help keep sound levels low, like compressor sound blankets, compressor isolation grommets, quiet motor mounts and aerodynamic tops.

#### Energy Savings



Central heating and cooling units and heat pumps are rated by their Seasonal Energy Efficiency Ratio 2 (SEER2), Energy Efficiency Ratio 2 (EER2) and Annual Fuel Utilization Efficiency (AFUE). These ratings are much like miles per gallon (MPG) for a car: the higher the rating, the more energy-efficient the system.



## GEOHERMAL HEAT PUMPS

Innovative Carrier geothermal heat pumps tap into the earth's surface, using the energy and relatively consistent heat found in the earth, a pond, or well water instead of using outside air like traditional heat pumps. Geothermal heat pumps provide both cooling and heating to your home and are able to maintain the highest efficiency on even the coldest winter nights or the hottest summer days.



## BOILERS

Homes equipped with radiant heat, gas- or oil-fired boilers can efficiently spread warmth throughout. Our reliable and efficient boilers deliver long-lasting comfort while helping to keep your energy costs down.

### WHAT TO LOOK FOR IN A HOME BOILER

#### Comfort Features



Gas and oil boilers offer dependable heating and efficient performance to create the warmth you need when the weather turns cold.

#### Energy Savings



Boilers are rated by their Annual Fuel Utilization Efficiency (AFUE), which is much like miles per gallon (MPG) for a car: the higher the rating, the more energy-efficient the system.

#### Humidity Control



Steady humidity levels in your home can dramatically improve your comfort. Our modulating boilers can provide more consistent temperature and humidity for enhanced comfort during the winter.

#### Versatility



We engineer our boilers to offer big performance in a compact cabinet. These small modulating units provide the most versatility for new installation and fit easily in the space of larger existing units.



Performance Gas-Fired Boiler BW3



Performance Oil-Fired Boiler BW5

## DUCTLESS SPLIT SYSTEMS

Carrier ductless split systems deliver the unmatched comfort of a traditional split system to specific individual spaces in your home. Whether you're creating a quiet, comfort-controlled home theater room, or simply want to heat or cool an area in your home without ducts, the wide variety of Carrier ductless split systems give you the efficiency, aesthetics and comfort of a traditional central split system.



#### Minimal Installation



Because there are no ducts, installation is a breeze – no tearing open walls, patching, or repainting required! Ductless mini split air conditioners and heating can be either wall mounted or ceiling mounted, creating a clean look while preserving the easy installation factor of traditional window units. And the outdoor unit powers the indoor units, so there is no need for additional wiring.

#### Energy Savings



By selecting specific rooms to heat or cool, energy use is concentrated in the areas you choose – meaning that you can control the temperature and your energy bill. Plus, ductless mini split systems can offset the energy loss of older homes by continuously adjusting heating and cooling capacities to best match current conditions, making them a convenient and energy-efficient choice.

## INDOOR AIR QUALITY

### INFINITY AIR PURIFIER

The Infinity air purifier Captures & Kills\* 99% of coronavirus trapped in the filter to help create healthier air in your home.\*

Featuring our patented Captures & Kills technology, it offers 99% inactivation of captured viruses and germs when used as instructed, including:

- Coronavirus
- Bacteria that causes strep throat
- Human Influenza
- Common cold surrogate



\* The Infinity air purifier has demonstrated effectiveness against the murine coronavirus, based on third-party testing (2020) showing a >99% inactivation, which is a virus similar to the human novel coronavirus (SARS-CoV-2) that causes COVID-19. Therefore, the Infinity air purifier can be expected to be effective against SARS-CoV-2 when used in accordance with its directions for use. Third-party testing (2012, 2007) also shows ≥99% inactivation for the type of virus that causes common colds, Streptococcus pyogenes and human influenza. Airborne particles must flow through your HVAC system and be trapped by the Infinity filter to be inactivated at 99%. Learn how it works at [Carrier.com/purifier](http://Carrier.com/purifier).

### PERFORMANCE SERIES AIR CLEANER AND UV LIGHTS

EZ Flex™ pleated media filter traps select airborne contaminants as small as .3 microns before they circulate through your home.

- Low pressure drop
- MERV 10 rated
- Cabinet supports up to 400 lbs.
- Protects heating and cooling equipment



Model EZXCAB Air Filter with Cabinet EZ FLEX Filtration System

A Carrier germicidal UV lamp is mounted near the cooling coil where fungus and microbes can grow. The intense UV light is designed to kill bacteria and mold growing on and around the indoor coil, enhancing system efficiency and improving the quality of your indoor air.



UV Lights

### PERFORMANCE SERIES HUMIDIFIERS

A Carrier humidifier evenly distributes moisture throughout your home to help with irritated sinuses, noses or throats; itchy skin; static electricity; cracked woodwork, wallpaper, and paint; and other problems associated with dry, heated air.

The humidifier will even help you save money on your energy bills since humidified air actually feels warmer than dry air – so your thermostat can be set at a lower temperature!



### PERFORMANCE SERIES DEHUMIDIFIERS

A Carrier Performance Series whole-home dehumidifier, with its ability to pull moisture from indoor air, can help you feel more comfortable without dialing down the thermostat to potentially save money on your cooling costs. In addition, the dehumidifier works on its own to draw moisture from humid indoor air for humidity control without running the air conditioner.



### PERFORMANCE AND COMFORT SERIES VENTILATORS

Today's tightly constructed homes can trap stale air inside your home, creating higher dust and humidity levels. Heat Recovery Ventilators (HRV) and Energy Recovery Ventilators (ERV) help keep fresh air circulating through your home for improved air quality comfort year-round.



ERV

Add-On ERV

### PERFORMANCE SERIES CARBON MONOXIDE ALARM

The Carrier carbon monoxide alarm uses sophisticated electronics and unmatched sensor technology to detect and record the levels of CO circulating in your indoor air. You can monitor the current CO level in your home on a large, easy-to-read digital display.



Carbon Monoxide Alarm

## SMART THERMOSTATS and ZONING SYSTEMS

### ecobee for Carrier SMART THERMOSTATS

featuring  
**InteliSense™**  
TECHNOLOGY

At the center of InteliSense technology sits the ecobee for Carrier smart thermostats – the ecobee3 lite and the ecobee Smart Thermostat Premium. These thermostats make the connection between the homeowner, the equipment, and our InteliSense technology. Allowing your dealer remote access to data from your thermostat ensures a smarter, faster, and more efficient service experience for you.



ecobee3 lite  
Smart Thermostat  
EB-STATE3LTICR-01



ecobee Smart  
Thermostat Premium  
EB-STATE6ICR-01

### ZONING SYSTEMS

Customize your indoor comfort with flexible temperature programming in different parts of the house. Your Carrier dealer will work with you to help you decide how to best zone your home for optimum comfort and efficiency.

- Eliminate hot and cold spots
- Maximize energy savings
- Customize up to eight zones



## MORE THAN A CENTURY OF COOL

In 1902, a determined engineer answered one of mankind's most nagging questions: How do we make hot, sticky, indoor air go away? In creating the world's first modern air conditioning system, Willis Carrier forever changed indoor life, and, more than a century later, the corporation that bears his name takes inspiration from his example.

Carrier strives to improve on our founder's breakthroughs, introducing new technologies that make life at home even cooler. Today, a nationwide network of experts continues to advance Willis Carrier's lifework. Your expert Carrier dealer is equipped to evaluate your home and create a customized system designed around your lifestyle.

+ Depending on model combination. Based on laboratory testing of Carrier's Infinity® 26 air conditioner models by Carrier engineers in Fall 2019 and AHRI sound level data for competitors' variable-speed outdoor units, published as of December 2019.

# Based on Carrier testing, all data was run with the systems cycling once they met the assumed home load. The assumed load at AHAM conditions (80/70, 80) is the capacity of the variable-speed running continuously in dehumidification mode. The difficult conditions load was determined by a Wrightsoft® load calculation for a home in Florida at 69 OD 72/63 ID. This condition was provided by a customer in Florida as "worst case".



Turn to the experts

[carrier.com](http://carrier.com) 1-800-CARRIER

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

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