



Everything You Need for Total Comfort



IT Landes Company 215-256-4221

- 2011
- 2012
- 2013
- 2014
- 2015
- 2016
- 2017
- 2018



The Components of a Complete Heating and Cooling System

Humidifier replenishes moisture to dry air.

Evaporator coil is matched with the proper outdoor unit to provide top cooling efficiency and years of reliable service.

UV lamp inhibits the growth of contaminants on the evaporator coil, leaving your home with cleaner, fresher indoor air.

Furnace provides reliable, high-efficiency heating for long-lasting comfort and energy savings.

Air cleaner improves air quality by removing harmful and irritating airborne pollutants from your home.

Air conditioner provides reliable, high-efficiency cooling for long-lasting comfort and energy savings.

Infinity® Touch Control allows precise temperature and humidity control along with programmable features to further customize your comfort.



Ventilator combines fresh outdoor air with conditioned indoor air for improved air quality – great for today's tightly constructed home.

Zoning sets different temperatures for up to eight different areas of your home for truly customized comfort and enhance utility savings.

Heat pump provides reliable, energy-efficient heating and cooling for long-lasting comfort and energy savings.

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



Matching Components Provide Optimum Comfort, Efficiency and Performance

- The Infinity® system by Carrier is our most advanced system, connecting the best components for the ultimate home comfort control.
- Forced-air systems are usually built around an indoor unit, such as furnace or a fan coil.
- The outdoor unit, an air conditioner or heat pump, is matched 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 system.
- Zoning provides the ultimate control for true custom comfort.

Things to Consider Before You Buy a Heating and Cooling System

1. 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.

AFUE (Annual Fuel Utilization Efficiency)

This measurement gauges heating fuel usage. The Infinity® 98 gas furnace receives up to 98.5% AFUE.

HSPF (Heating Seasonal Performance Factor)

This measurement gauges the heating mode of heat pumps. Most new units have ratings from 7.0 to 9.4. The Infinity® 20 heat pump receives up to 13.0 HSPF.

SEER (Seasonal Energy Efficiency Ratio)

This measurement gauges air conditioning cooling. The Infinity® 21 air conditioner receives up to 21.0 SEER.

ENERGY STAR®

Carrier Corporation has determined that certain products meet ENERGY STAR guidelines for energy efficiency. Look for this logo on our Infinity® and Performance™ Series products.



2. Puron® 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. And, as other refrigerants become less available, Puron refrigerant will be the refrigerant of choice for years to come.



3. Comfort

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

Greenspeed® Intelligence

Greenspeed® intelligence is our unmatched technology that takes into account your complete comfort, from degrees to dollars to decibels. It marries adaptable-speed technology with Infinity® intelligence to deliver precise comfort, constantly matching to the comfort demands of the home. This translates into reduced energy use and reduced temperature swings throughout the home.



Comfort Heat Technology® Feature

The Comfort Heat Technology® feature accurately predicts the need for heating while cutting temperature swings in half, and provides a nearly continuous flow of warmth in low-capacity operation for a steadier, more consistent indoor temperature.



Infinity® System

When a heat pump or air conditioner and Carrier® humidifier are combined with a variable-speed furnace or fan coil and the Infinity® Touch™ Control, the revolutionary Infinity system allows you to control temperature, humidity, air quality, fan speed and ventilation. It even detects when your air filter needs replacing. It's so advanced it automatically adjusts to your systems' needs for peak efficiency and performance. It's the ultimate control center for all of your home system components.

Ideal Humidity System™ Technology

Ideal Humidity System™ technology automatically adds or removes just the right amount of moisture to keep your home comfortable. Ideal Humidity System technology can help you save on energy costs, too. When the humidity is right, you can feel comfortable at higher temperatures in the summer and lower temperatures in the winter.



4. 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.

Carrier® air conditioners are also quiet, thanks to the exclusive Silencer™ System that ensures extra-quiet performance by maximizing airflow while minimizing vibration.

5. HYBRID HEAT® Systems

With both a heat pump and a furnace, Carrier's HYBRID HEAT® system will keep you comfortable throughout every season. The heat pump is designed to work like an air conditioner during the warmer months, transferring heat from inside your home and sending it outside. As the seasons change, the heat pump reverses this process by extracting heat from outdoor air and moving it into your home. By combining an electric heat pump and a gas furnace, our HYBRID HEAT system delivers big comfort while using less energy. Ask your dealer if a HYBRID HEAT system is right for you.



Carrier® Air Conditioners

A sure sign of comfort ...*GUARANTEED!*

Carrier® Factory Authorized Dealers receive specialized technical training and adhere to Carrier installation and service procedures, distinguishing them as home comfort experts. Your Carrier Factory Authorized Dealer will evaluate your home to provide a customized indoor comfort plan designed specifically for you. When you have an expert helping you make an educated decision, you're going to feel more comfortable and satisfied. At Carrier, we guarantee it.

For any reason, if you are dissatisfied with your Carrier equipment within one year of the installation date, your Carrier Factory Authorized Dealer will correct the problem.

The Factory Authorized Dealer who has given you this brochure has demonstrated the highest commitment in providing the very best training and service in your area. Carrier Factory Authorized Dealers—where satisfaction and expertise set the standard in home comfort.



INFINITY® SERIES



**Infinity® 19VS
Air Conditioner
Model 24VNA9
Model 2 ANB
Model 2 ANB6**

- High energy efficiency up to 19.0 SEER
- Variable-speed operation for optimum comfort
- Non-ozone depleting Puron® refrigerant
- Quiet operation with Carrier's Silencer System II™ feature
- Sound levels as low as 56 decibels
- Protected by Carrier's WeatherArmor Ultra™ coil guard
- Infinity control board for ultimate comfort when used with the Infinity® System
- Superior humidity control

Performance® SERIES



**Performance™ 17
Air Conditioner
Model 24ACB7
Model 2 ACC6**

- High energy efficiency up to 17.0 SEER
- Non-ozone depleting Puron® refrigerant
- Protected by Carrier's WeatherArmor Ultra™ cabinet
- Sound levels as low as 72 decibels
- Two-stage cooling provides even indoor temperatures throughout the home

Comfort® SERIES



**Comfort™ 13
Air Conditioner
Model 2 ABC6
Model 2 ACC
Model 2 ABB**

- Energy-efficient up to 16 SEER
- Non-ozone depleting Puron® refrigerant
- Protected by Carrier's WeatherArmor™ cabinet
- Sound levels as low as 72 decibels
- Single-stage operation

Carrier® Heat Pumps

INFINITY® SERIES



Infinity® 20
Heat Pump
Model 25VNA0
Model 25VNA8
Model 25HNB6
Model 25HNB5

- High energy efficiency up to 20.5 SEER and up to 13.0 HSPF
- Superior comfort and humidity control with Greenspeed® intelligence
- Variable-speed operation provides even temperatures throughout the home
- Non-ozone depleting Puron® refrigerant
- Quiet operation with Carrier's Silencer System II™ feature
- Sound levels as low as 58 decibels
- Protected by Carrier's WeatherArmor Ultra™ coil guard

Performance® SERIES



Performance™ 16
Heat Pump
Model 25HCB6
Model 25HPB6

- High energy efficiency up to 17.5 SEER and up to 9.5 HSPF
- Non-ozone depleting Puron® refrigerant
- Protected by Carrier's WeatherArmor™ cabinet
- Sound levels as low as 70 decibels
- Two-stage operation provides even temperatures throughout the home

Comfort® SERIES

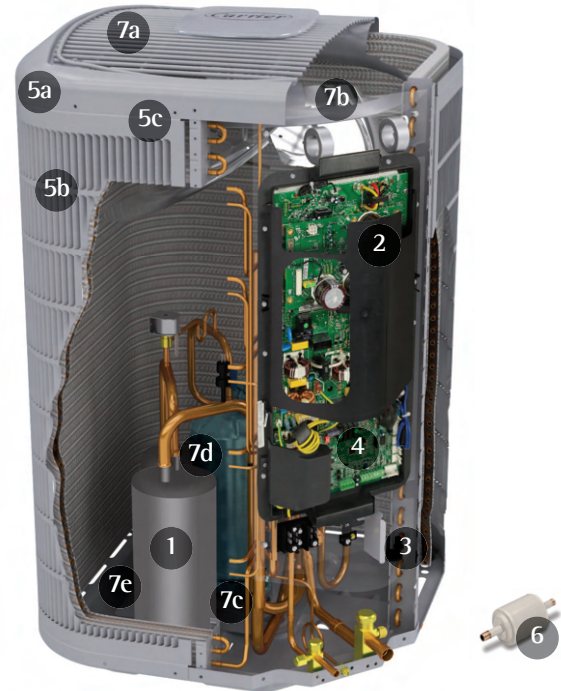


Comfort™ 14
Heat Pump
Model 25HCE4

- Energy efficiency up to 14.0 SEER and up to 8.2 HSPF
- Non-ozone depleting Puron® refrigerant
- Protected by Carrier's WeatherArmor™ cabinet
- Sound levels as low as 69 decibels
- Single-stage operation

Carrier® Heat Pumps Designed for Tomorrow's Needs Today.

- 1 **Rotary compressor** – the heart of the heat pump, the compressor pumps refrigerant through the system.
- 2 **Inverter-driven variable-speed operation** – delivers heat pump efficiency of up to 11.0 HSPF.
- 3 **Copper Microtube™/aluminum fin coil** – transfers heat outside to maximize indoor cooling while resisting corrosion.
- 4 **Infinity® control board** – allows the unit to connect to the Infinity® Touch 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.
- 5 **WeatherArmor Ultra™ protection** – combines three design elements that protect your comfort.
 - a. Galvanized steel cabinet
 - b. Louvered coil guard
 - c. Baked-on powder paint
- 6 **Filter drier** – constantly filters the refrigerant to remove moisture or contaminants that can damage your system.
- 7 **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. Sound hood
 - e. Split-post compressor grommets



Infinity® 18VS



Carrier® Gas Furnaces

INFINITY® SERIES



**Infinity® 98
Gas Furnace
Model 59MN7**

- Ultra-efficient gas furnace with up to 98.5% AFUE
- Variable-speed blower and inducer motor delivers ultra-quiet operation
- Precise gas modulation with movements in 1% increments
- Greenspeed® intelligence and Ideal Humidity System™ technology delivers superior indoor comfort
- SmartEvap™ technology can lower the humidity in your home by nearly 10%
- ComfortFan™ technology allows control of continuous fan speed with adaptable control

Other Carrier® Systems

Performance® SERIES



**Performance™ 80
Oil Furnace
Model OVM - Riello**

- Up to 85.0% AFUE
- Four-way, multi-poise design
- Variable-speed technology
- Enhanced comfort Ideal Humidity System™ technology
- Operates with a Riello burner

Performance® SERIES



**Performance™ 96
Gas Furnace
Model 59TP6
Model 59SP5
Model 59SC2**

- High-efficiency heating up to 96.7% AFUE
- Two-stage heating
 - Low-speed allows for ultra-quiet operation and maximum comfort
- Increased comfort with Comfort Heat Technology® feature and Ideal Humidity System™ technology
- Temperature stays closer to thermostat set point
- Improved dehumidification
- Fully insulated cabinet
- ComfortFan™ technology allows control of continuous fan speed with adaptable control

Performance® SERIES



**Performance™ 80
Oil Furnace
Model OVL**

- Up to 85.7% AFUE
- Low boy design
- Variable-speed technology
- Enhanced comfort Ideal Humidity System™ technology

INFINITY® SERIES



**Infinity® 80
Gas Furnace
Model 58CVA/58CVX**

- Efficient gas furnace at 80.0% AFUE
- Two-stage heating
 - Low-stage provides quiet operation, high-stage for extreme winter weather
- Variable-speed fan motor provides consistent temperatures from room-to-room
- Increased year-round comfort with
- Comfort Heat Technology® feature and Ideal Humidity System™ technology
 - Exceptional dehumidification in the summer months
- Quiet operation
- Compact, multi-poise design for installation flexibility

Comfort® SERIES

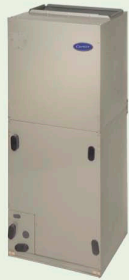


**Comfort™ 80
Gas Furnace
Model 58STA/58STX**

- Efficient gas furnace at 80.0% AFUE
- Single-stage operation
- Compact, multi-poise design for installation flexibility

Carrier® Fan Coils

INFINITY® SERIES



Infinity® Series
FE Fan Coil

- Infinity® intelligence enables self-configuration and easy troubleshooting
- Variable-speed blower for ultimate comfort and quiet operation
- Ideal Humidity System™ technology capable
- Thermostatic Expansion Valve (TXV) refrigeration management maintains proper flow to help ensure reliable, efficient operation
- Sloped, corrosion-free drain pan design helps reduce mold and bacteria build-up
- Non-ozone depleting Puron® refrigerant

Carrier® Controls

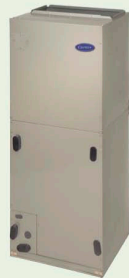
INFINITY® SERIES



Infinity® Touch™ Control

- Intuitive touchscreen prompts
- Easy programming
- Quick-read icons and type
- Mobile/PC app access
- Wireless connectivity when connected to a Wi-Fi® network
- Real-time energy tracking
- Vacation mode and Smart Setback

Performance™ SERIES



Performance™ Series
FV4 Fan Coil

- Variable-speed blower for ultimate comfort and quiet operation
- Ideal Humidity System™ technology capable
- Thermostatic Expansion Valve (TXV) refrigeration management maintains proper flow to help ensure reliable, efficient operation
- Sloped, corrosion-free drain pan design helps reduce mold and bacteria build-up
- Non-ozone depleting Puron® refrigerant

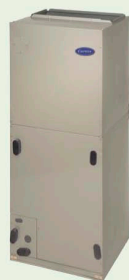
Performance™ SERIES



Performance™ Cör™
Wi-Fi® Thermostat
Model TP-WEM01

- Smartphone-like touchscreen
- 7-day programmable with one-button
- Touch 'N' Go® feature
- Wi-Fi® enabled anywhere access
- Local weather four-day forecast
- Detailed energy reports and customized energy saving tips

Comfort™ SERIES



Comfort™ Series
FB4 Fan Coil

- High-efficiency, multi-speed blower motor
- Improved humidity control
- Multi-flow piston metering device (TXV in 5-ton size only)
- Sloped, corrosion-free drain pan design helps reduce mold and bacteria build-up
- Non-ozone depleting Puron® refrigerant

Performance™ SERIES



Performance™ Series
By-Pass Humidifiers

- Front access door provides easy access for cleaning and maintenance
- Long-lasting, attractive cover
- Optimum distribution of moisture
- Four precise humidity control options: the Humidistat, Humiditrac™, Infinity® or Thermidistat™ controls



EMPLOYEE-OWNED

LANDES

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WE RECOMMEND. YOU DECIDE.™

PLUMBING · HEATING & COOLING · FUEL OIL



turn to the experts™

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Turn to the Experts

Willis Carrier invented air conditioning in 1902. Over 100 years later, we're proud to say Carrier® systems are trusted in more homes than any other brand.

Carrier continues to be on the forefront of innovative engineering and unsurpassed standards of excellence. So when choosing a home comfort system, you'll want to turn to the experts. Your Carrier dealer will evaluate your home, such as window placement and size, ductwork, other structural specifics and lifestyle to provide a customized indoor comfort plan designed specifically for you. And when you have an expert helping you make an educated decision, you're going to feel more comfortable.

IT Landes Company

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Homeowners have relied on IT Landes since 1929 for professional, dependable and affordable home comfort, heating, cooling, fuel oil, plumbing service and installation and more. Our licensed and insured professionals make certain that the right product is specified for the right job. Because we are employee-owned, and no team member works on commission, you can trust that the solutions that IT Landes recommends are those that really meet your budgetary and home comfort needs. IT Landes delivers the trust, quality and value which you can rely.

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