



Turn to the experts

# Infinity<sup>®</sup> System Heat Pumps



Outstanding comfort, up to 24.0 SEER/up to 13.0 HSPF ratings



25VNA4, 25VNA8, 25HNB6, 25HNB6\*\*C



LEARN MORE AT [energystar.gov](http://energystar.gov)  
Qualifying Systems Only



## Designed with Your Comfort in Mind

Carrier® Infinity® System heat pumps represent years of design, development and testing with one goal in mind – maximizing your family's comfort. Along the way, we have created new technologies that deliver the outstanding quality and energy efficiency you demand while staying ahead of industry trends and global initiatives.

Breakthroughs like variable-speed technology, enhanced humidity control, smaller cabinet sizes and units designed specifically for the rigors of coastal area installations, mean there's likely a model tailored to your needs. Whether you expect energy savings or maximum comfort, Carrier Infinity System heat pumps have you covered.

INFINITY® SYSTEM

# What You Can Expect From Carrier

Innovation, efficiency, quality: Our Carrier® Infinity® System heat pumps offer intelligent electronics and some models offer variable-speed capabilities that take indoor comfort and energy-saving performance to new levels. Throughout our Infinity line, we never lose sight of the Carrier quality, environmental stewardship and lasting durability that have endured for more than a century. And, for year-round efficiency with both gas and electric heating capabilities, your dealer can include a new Carrier® gas furnace and Carrier® Infinity System Control to create a Hybrid Heat® dual fuel system.



## Innovation

Inverter-driven, Infinity System heat pumps with Greenspeed® intelligence can make very subtle adjustments to adaptable-speed components as conditions change. The result is smooth, exceptional comfort and extra energy efficiency.



## Efficiency

SEER (Seasonal Energy Efficiency Ratio) and HSPF (Heating Seasonal Performance Factor) ratings are like your car's MPG – the higher the number, the greater the potential for savings. Infinity System heat pumps offer a range of efficiencies that reach as high as 24.0 SEER and 13.0 HSPF.



## Durability

A galvanized steel cabinet, louvered coil guard and baked-on powder paint provide outstanding protection against dings, dents and weather-based threats. For home comfort in a coastal environment, ask about Infinity® models with WeatherShield™ protection for extra tough, longer lasting corrosion resistance to withstand the harsh sea coast air.



## Humidity Management

An Infinity® two-stage or variable-speed heat pump can be the key to up to 400% more humidity removal from the air in your home.<sup>1</sup> Include an Infinity System Control and an Infinity multi-speed indoor unit and let Ideal Humidity System™ technology deliver ideal comfort, all year long.



## Environment

Carrier was the first to offer systems with Puron® refrigerant, which does not contribute to ozone depletion. Our century-plus commitment to delivering energy-saving comfort continues with our insistence upon earning ENERGY STAR® designation on most of our Infinity System heat pumps.



## Sound

Carrier Infinity heat pumps heat and cool your home quietly. All models include our Silencer System II™ components that reduce airflow and vibration. The Infinity 24 achieves sound levels as low as 51 dBA - that's 50% quieter than the closest competitor!<sup>2</sup> In addition, during heating, the Infinity 24 can cap sound levels to 69 dBA with our Quiet Mode feature.



## Limited Warranty

To the original owner, Carrier Infinity System heat pumps are covered by a 10-year parts limited warranty upon timely registration. In addition, model 25VNA4 is covered by a 10-year unit replacement limited warranty on compressor failures only, to the original owner with timely registration. The limited warranty periods are five years if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. See limited warranty certificate at [carrier.com](http://carrier.com) for complete details and restrictions.

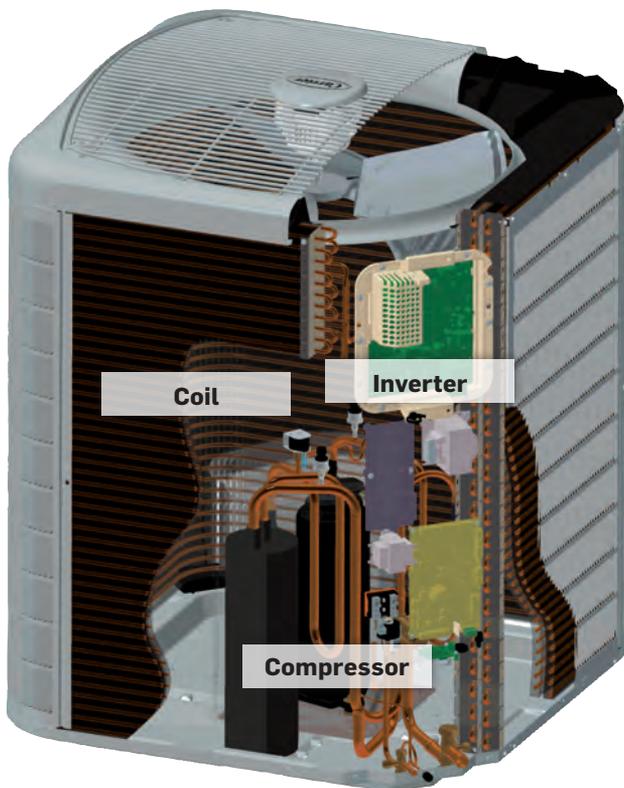
# A Range of Comfort

Carrier delivers heat pump systems in a range of shapes and sizes. Check out this side-by-side comparison to see how our smart and efficient Infinity® System heat pumps measure up against our Performance™ and Comfort™ models.

	Infinity® System	Performance™ Series	Comfort™ Series
Performance	Variable-speed rotary, variable-speed and two-stage scroll compressors available	Two-stage and single-stage scroll compressors available	Single-stage scroll compressor
Efficiency	Up to 24.0 SEER and 13.0 HSPF ratings	Up to 18.0 SEER and up to 9.5 HSPF ratings	Up to 16.0 SEER and up to 9.0 HSPF ratings
Durability	WeatherArmor™ Ultra cabinet protection	WeatherArmor™ Ultra cabinet protection	WeatherArmor™ cabinet protection
Recommended Control†	Infinity® System Control	ecobee Thermostat, Powered by Carrier	ecobee Thermostat, Powered by Carrier
Sound	Silencer System II™, dBA as low as 51	dBA as low as 67	dBA as low as 69
Limited Warranty	10-year parts* 10-year unit replacement (25VNA4 compressor failure only)*	10-year parts*	10-year parts*

\* Upon timely registration. The warranty period is five years if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. See limited warranty certificate for complete details and restrictions.

† Control sold separately.



Infinity® 24 Heat Pump shown

## The Carrier Difference

### Performance

If you could look under the hood of a Carrier® Infinity heat pump, you'd see what drives the performance: a serious commitment to quality. Our microtube coil technology saves space and provides lasting comfort with its corrosion-resistant construction. In addition, some models include innovative extras like Greenspeed® intelligence.

### Comfort

The inverter (models 25VNA4, 25VNA8) manages home comfort based on conditions such as indoor temperature, outdoor temperature, humidity levels, thermostat settings and more. Combined with a variable-speed compressor, the inverter tracks trends and makes intelligent speed and capacity adjustments based on past performance. As a result, this system is designed to deliver the highest possible comfort at the lowest possible energy use.

### Serviceability

The Infinity® 24 is the first heat pump to offer Bluetooth® connectivity built-in for enhanced serviceability and software updates at the outdoor unit.<sup>3</sup> That means your dealer can troubleshoot, service and even “push” software/firmware updates to the outdoor unit with fewer, if any, trips into the home. And, in some cases, you don't even need to be home.

Visit [carrier.com](http://carrier.com) for model comparisons and product specifications.

Explore the full line of Carrier® heat pumps and other system components to find the right fit for your home.

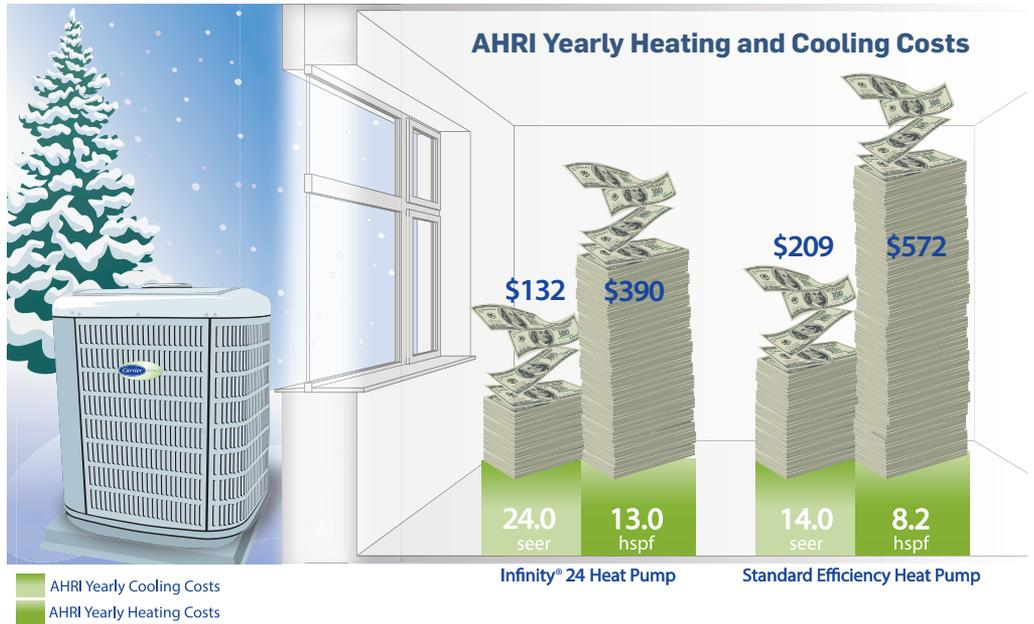
25VNA4, 25VNA8, 25HNB6, 25HNB6\*\*C

# System Highlights

## OUR MOST EFFICIENT

Infinity® System heat pumps offer true potential for annual savings while providing extra-comfortable heating and cooling. When compared to a standard efficiency heat pump, the Infinity 24 2-ton model can save up to \$77 a year in cooling and up to \$182 a year in heating.\*

\* Values based on the Infinity System 24.0 SEER/13.0 HSPF 2-ton unit combination compared to a 14.0 SEER/8.2 HSPF 2-ton system combination using AHRI® data as of February 2020 and estimated national average operating cooling and heating costs.



## MARKET-LEADING LOW SOUND<sup>2</sup>

All Infinity System heat pumps include our exclusive Silencer System II™ feature to quietly heat and cool your home. Our quietest model uses an inverter-controlled variable-speed compressor to fine-tune performance as conditions change, resulting in sound levels as low as 51 decibels. That's quieter than a normal conversation.

## QUIET MODE

In addition, Carrier is the only manufacturer to offer one of our latest heat pump features – Quiet Mode.<sup>3</sup> Quiet Mode is available in our Infinity 24 heat pumps and used in heating mode for all sizes. This function gives you the ability to cap sound at 69 dBA resulting in a quiet outdoor unit that doesn't intrude on your peaceful night's sleep.



Sound levels, mentioned for comparison, as published at <https://www.asha.org/public/hearing/loud-noise-dangers/>

## OUR MAGIC TOUCH

The Infinity® System Control is the user-friendly key to unlocking your system's full potential. As part of a complete Infinity system, this smart touch screen ties it all together. With Wi-Fi® connectivity, you can easily manage temperatures, humidity, and ventilation in up to eight zones from nearly anywhere using your smartphone, tablet or computer<sup>4</sup> – or let the Infinity System Control do it all for you by monitoring your preferences and the conditions outside.



# The Total Indoor Comfort System

Your Carrier dealer will recommend a system to meet your home-comfort needs and local weather environment:

- 1. Infinity® Heat Pump** provides reliable, high-efficiency heating and cooling for long-lasting comfort and potential energy savings.
- 2. Infinity® 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.
- 3. Infinity® System Control** allows precise temperature and humidity control along with programmable features to further customize your comfort.
- 4. Zoning** sets different temperatures from three to up to eight different areas of your home for truly customized comfort and possible utility savings.
- 5. Infinity® Air Purifier** improves air quality by capturing and killing select airborne bacteria and viruses and other irritating airborne pollutants in your home.<sup>5</sup>
- 6. Humidifier** replenishes moisture to dry air.
- 7. UV Lamp** helps inhibit microbial growth on the surface of the indoor evaporator coil, leaving your home with fresher indoor air.
- 8. Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality – great for today's tightly constructed home.



# 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.

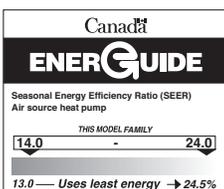
<sup>1</sup> Select models only. Based on Carrier testing. Compared to a single stage 13.0 SEER system, in worst-case conditions (cool and damp).

<sup>2</sup> Depends on model combination. Based on Carrier lab testing of Infinity 24 models and AHRI sound level data for competitors' variable-speed outdoor units, published as of 12/19.

<sup>3</sup> Based on review of competitive literature as of Fall 2019. Bluetooth is a registered trademark of Bluetooth SIG, Inc.

<sup>4</sup> Thermostat must be connected to Wi-Fi®. App requires iOS® or Android® mobile device. Zoning systems are sold separately.

<sup>5</sup> Based on third-party testing (2012) showing 95% of particles size 1.0 to 3.0 microns captured and based on third-party testing (2012, 2007) showing >99% kill rate for common cold surrogate, *Streptococcus pyogenes* and human influenza.



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