



turn to the experts™ 

# VERY, VARI- QUIET

VARIABLE-SPEED TECHNOLOGY.  
UNCOMPROMISING COMFORT.



INFINITY® 19VS AIR CONDITIONER  
WITH VARIABLE-SPEED TECHNOLOGY



**RELENTLESS EFFICIENCY.**  
**QUIETER COMFORT.**  
**A NEW LEVEL OF COOL.**

**VARIABLE-SPEED  
TECHNOLOGY.**  
**A VARI-SMART IDEA.**

Think about the advanced consumer technologies available today: televisions that automatically lower sound to a consistent level, clothes dryers that run according to detected moisture levels and cars with engines that can activate and de-activate cylinders to save on fuel.

It's the variability that makes them more efficient, more useful and more valuable—that's the idea behind Carrier® Variable-Speed Technology—applying key technologies to provide exceptional comfort while using less energy. Read on. We think you will find Variable-Speed Technology to be a very, *vari-smart* idea.

## A NEW LEVEL OF COOL.

Carrier® Variable-Speed Technology embodies a new level of product performance found in the Infinity® 19VS air conditioner. Compared to two-stage air conditioners, the Infinity 19VS air conditioner, using a sophisticated internal control and paired with the Infinity Touch Control and an Infinity gas furnace or fan coil, senses indoor and outdoor conditions and adjusts comfort levels accordingly.

With its own unique approach to Variable-Speed Technology, the all-new Infinity 19VS air conditioner produces efficiency ratings up to 19 Seasonal Energy Efficiency Ratio (SEER), but at a price point that's closer to two-stage air conditioners—and that's a very big deal. Keep reading to find out just how big.

## PROVEN AND PROTECTED.

Two key components of Variable-Speed Technology found in the Infinity® 19VS air conditioner are the rotary compressor and the integrated inverter control. The rotary compressor design has been proven in numerous applications throughout the world, and the integrated inverter control is designed with sophisticated component protection to promote long-term reliability.



## VARIABLE-SPEED THRILLS.

At the heart of Variable-Speed Technology is the compressor and inverter. The all-new Infinity® 19VS air conditioner can vary its compressor speed by continuously monitoring conditions and selecting one of five operating stages for optimal comfort and efficiency—far beyond the range of typical two-stage air conditioners.

## DID YOU KNOW?

**THE INFINITY® 19VS AIR CONDITIONER IS THE SMALLEST DUCTED AIR CONDITIONER ON THE MARKET WITH A VARIABLE-SPEED COMPRESSOR\***

Current Infinity®  
17 two-stage  
air conditioner



Infinity® 19VS  
air conditioner

UP TO  
**41** %  
SMALLER

THE INFINITY® 19VS AIR CONDITIONER IS UP TO 41% SMALLER IN OVERALL SIZE THAN CURRENT INFINITY 17 TWO-STAGE AIR CONDITIONERS.

\*As compared to split system air conditioners with vertical air flow design.

## VARI-COMFORTABLE MEANS LESS HUMIDITY AND QUIETER, TOO.

The Infinity® 19VS air conditioner with Variable-Speed Technology offers five discrete stages of operation to deliver exceptional efficiency, better dehumidification and reduced overall sound levels.

You see, in most U.S. climates, temperatures peak only on a handful of days each year—and of those days, only during certain times of the day. Variable-Speed Technology takes advantage of these less-than-peak periods and varies compressor and fan speeds accordingly.

Variable-Speed Technology has the double advantage of creating longer run cycles at lower capacity, which provides better dehumidification—removing more moisture from the air—and quieter operation, since the unit is running at a lower speed.

The result is an indoor environment that actually feels cooler, from an air conditioner that runs more quietly—and, ultimately can lower your energy costs—making the Infinity 19VS air conditioner a value proposition decidedly in your favor.

## DID YOU KNOW?

Installing an energy efficient air conditioner like the all-new Infinity® 19VS air conditioner with Variable-Speed Technology can potentially net you more than just energy savings. Many states and local utility companies also offer rebate and other incentive programs toward new purchases of energy-efficient heating and cooling systems. Ask your contractor for more information.

### HOW DOES THE INFINITY® 19VS AIR CONDITIONER OUTPERFORM SINGLE- AND TWO-STAGE AIR CONDITIONERS?

- **VARI-EFFICIENT**—Inverter-driven rotary compressor is capable of operating at five different stages for efficiency ratings up to 19 SEER
- **VARI-SMALL**—Up to 41% smaller in overall size and significantly lighter than the Infinity 17 two-stage air conditioners of similar capacity
- **VARI-COMFORTABLE**—Longer run times at lower speeds increase dehumidification capability and provide for more even cooling and better overall indoor comfort—it just feels cooler even at higher temperatures
- **VARI-QUIET**—Variable-Speed Technology enables the Infinity 19VS air conditioner to operate at lower capacity the majority of the time, resulting in sound levels as low as 56 dBA
- **VARI-SMART**—Intelligent controls enable the Infinity 19VS air conditioner to adjust to changing conditions for optimum comfort and efficiency when installed as part of a complete Infinity system

### PURON® REFRIGERANT

Puron® refrigerant is environmentally sound and won't deplete the ozone layer. Carrier® systems with Puron refrigerant set the standard for environmentally sound air conditioner and heat pump performance well ahead of industry competitors. Today, Carrier air conditioners and heat pumps using Puron refrigerant show exceptional reliability and are a testament to our industry leadership.

# SLOW DOWN AND RELAX.



NO MATTER THE SPEED  
OF YOUR LIFE, **VARIABLE-  
SPEED TECHNOLOGY**  
HAS YOU COVERED WITH  
COOL, QUIET COMFORT.



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