

TEMPSTAR
Heating and Cooling Products

QuietComfort® Series Variable-Speed

HEAT PUMPS

YEAR-ROUND INDOOR COMFORT



featuring

R454B

Model Q5H9V





COMFORT WITH CONFIDENCE



When you choose Tempstar heating and cooling equipment, it means your home comfort is backed by advanced engineering and quality manufacturing so you can enjoy more important things. Each unit is 100% run tested, and we design our products to give you exceptional quality, energy efficiency and reliability. We deliver products that deliver home comfort you can enjoy with confidence.

WHAT MATTERS IN A VARIABLE-SPEED HEAT PUMP?

ENERGY SAVINGS



SEER2 (Seasonal Energy Efficiency Ratio) measures the cooling efficiency of air conditioners and heat pumps during an average cooling season. HSPF2 (Heating Seasonal Performance Factor) measures the heating efficiency of heat pumps. For each of these ratings, the higher the number, the greater the potential for energy savings. The QuietComfort variable-speed heat pumps deliver high-efficiency indoor comfort up to 19.0 SEER2 cooling and 10.0 HSPF2 heating.

CONSISTENT COMFORT



The QuietComfort Q5H9V variable-speed heat pump delivers true industry-defined variable-speed performance resulting in energy-efficient comfort with most two-stage thermostats. The Q5H9V control board logic allows it to operate at five adaptable compressor stages that helps deliver money-saving energy efficiency and more consistent indoor temperatures

QUIET OPERATION



Enjoy comfort AND quiet – The QuietComfort variable-speed heat pump runs much quieter than traditional single- or two-stage units due to nearly continuous stretches of low-stage operation. In addition, the unit's compressor includes a sound hood for quieter performance.

ENVIRONMENT



With R-454B refrigerant, Tempstar proudly displays our commitment to environmental stewardship. It's a refrigerant that delivers a 75% decrease in global warming potential while maintaining the non-ozone depleting properties of R-410A.

PEACE OF MIND



Rest easy with a 10-year parts limited warranty upon timely registration. And get additional peace of mind with our five-year No Hassle Replacement limited warranty™.

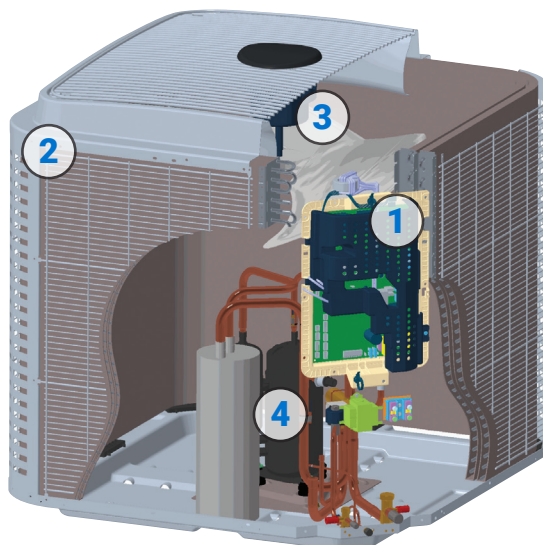
MEET THE NEW QUIETCOMFORT Q5H9V VARIABLE-SPEED HEAT PUMP

If you could look under the hood of a Tempstar QuietComfort Q5H9V variable-speed heat pump, you'd see what drives the performance – a serious commitment to quality. Some of the features and functions that help make this our most capable QuietComfort heat pump include:

- 1 AIR-COOLED VARIABLE-FREQUENCY DRIVE (VFD)**
The VFD proactively manages compressor operation with up to five stages of capacity to more precisely meet your heating and cooling needs - and save money with up to 19.0 SEER2 efficiency.*

* Depending on sizing and equipment combinations

- 2 BUILT-IN RELIABILITY/DURABILITY**
The QuietComfort Q5H9V is fitted to deliver dependable comfort you can count on. A high-pressure switch, outdoor pressure inducers and EXV offer lasting performance protection. And, for years of durability against the elements outside, the cabinet incorporates tight wire grille and protective corner posts to withstand bad weather and debris.



QuietComfort Q5H9V

- 3 QUIET OPERATION**
Enjoy the comfort of quiet operation with sound output as low as 57 dBA. Our sound reducing components and VFD-controlled variable-speed compressor fine-tunes performance to keep temperature and sound levels under control.

- 4 VARIABLE-SPEED COMPRESSOR**
With its ability to vary heating and cooling capacity in stages - ranging between 25% - 100% - this compressor delivers a rare combination of precision temperature control, enhanced summertime dehumidification, and energy-saving performance.



EXCEPTIONAL PEACE OF MIND

Protect your home comfort investment with exceptional warranties that give you additional comfort. The Tempstar QuietComfort Q5H9V includes a five-year No Hassle Replacement limited warranty™. We'll replace your unit if the compressor or coil fails within the covered period.* This provides extra coverage in addition to a 10-year parts limited warranty.**

COMPONENTS OF A COMPLETE TEMPSTAR SYSTEM

We offer a complete family of products designed to provide year-round comfort, control and efficiency. Your Tempstar dealer can help create a properly matched system to best fit your needs and your budget.



Ion Gray Smart Thermostat

Ensures optimal system operation for greater efficiency and comfort.



Gas Furnaces

Provides efficient, reliable heating for lasting comfort and potential energy savings, especially when matched with a heat pump for dual-fuel applications.



Fan Coils

Works with your outdoor unit to efficiently deliver comfortable air through out your home.



Evaporator Coils

Matched to the proper outdoor unit to provide more cooling efficiency and years of reliable service.



Air Purifier

Works in-line with your HVAC system to help reduce dust, dirt, pet dander and smoke particles that can circulate throughout your home.

TEMPSTAR QUIETCOMFORT HEAT PUMPS

The new QuietComfort Series variable-speed heat pump by Tempstar is designed to provide you with premium comfort without the premium price tag. Whether you're looking to escape the sweltering summer heat or stay cozy during the chilly winter months, Tempstar heat pumps are your go-to solution for year-round comfort. Check out this side-by-side comparison to see how our QuietComfort Series heat pumps measure up against our Ion™ and Performance Series models.

	ION SERIES				QUIETCOMFORT SERIES	PERFORMANCE SERIES		
Tempstar Heat Pump Options	T5H3V	T5H0V	T5H8T	T5H6S	Q5H9V	N5H9V	N5H8T	N5H5S
Comfort Features								
Summer Dehumidification	Best	Best	Better	Better	Better	Better	Good	Good
Temperature Control	Best	Best	Better	Better	Better	Better	Good	Good
Efficiency								
Cooling SEER2	Up to 23.0	Up to 20.0	Up to 18.5	Up to 16.5	Up to 19.0	Up to 19.0	Up to 18.5	Up to 16.0
Electric Heating HSPF2	Up to 9.5	Up to 9.5	Up to 8.5	Up to 8.5	Up to 10.0	Up to 10.0	Up to 8.5	Up to 8.1
Design Features								
Ion Communicating System Compatible	•	•	•	•				
Compressor Stages	Variable	Variable	2	1	5	5	2	1
Compressor Sound Hood	•	•	•	•	•	•		
Coastal Model Available							•	•
Peace of Mind								
10-Year Parts Limited Warranty**	•	•	•	•	•	•	•	•
No Hassle Replacement Limited Warranty*	10-Year	10-Year	10-Year	5-Year	5-Year			

Many models are ENERGY STAR® qualified. Ask your contractor for details or visit www.energystar.gov.

* See warranty certificate for complete details and exclusions.

** Timely registration required for 10-year parts limited warranty. Limited warranty period is five years for parts if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration. Please see warranty certificate for further details and restrictions

All systems tested and listed by the appropriate agencies.



ISO 9001: 2015 certified

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As an ENERGY STAR® partner, Carrier Corporation has determined that qualifying models meet ENERGY STAR guidelines for energy efficiency. Ask your dealer for details or visit www.energystar.gov.

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Q5H9V Series
HP-015-TS-00
03/2026