TEMPSTAR®
Heating and Cooling Products

Ion™ System

HEAT PUMPS

YEAR-ROUND INDOOR COMFORT

featuring R454B

Ion Systems
Models T5H8T, T5H6S

COMFORT WITH CONFIDENCE

Choose Tempstar heating and cooling equipment so you can enjoy comfort with confidence. Our products deliver exceptional quality, reliability and energy efficiency, backed by time-tested engineering and leading-edge manufacturing. Every unit we make passes a performance check in all phases of operation before it leaves our facility. We call this 100% run testing, and it's one more example of how Tempstar goes the extra mile for your satisfaction.

WHAT MATTERS IN A 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. Ion System heat pumps offer ENERGY STAR® qualified performance with efficiencies as high as 18 SEER2/8.5 HSPF2 on our two-stage models.

CONSISTENT COMFORT

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.

CONVENIENCE

For the ultimate of comfort, efficiency, and convenience, include the Ion Black System Control with Wi-Fi® capability in your system.

QUIET OPERATION

Enjoy comfort AND quiet – our outdoor units include compressor sound jackets for quieter performance.

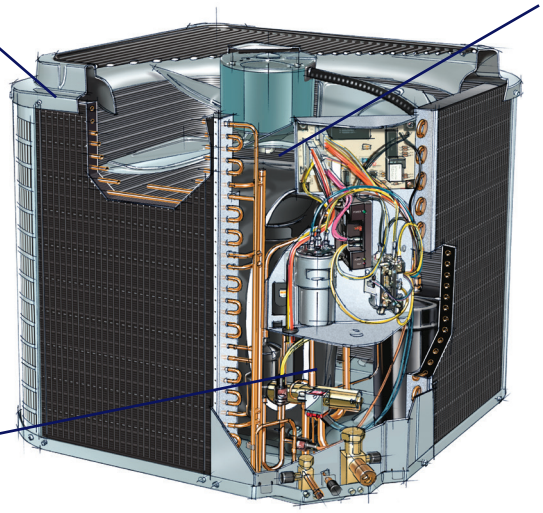
PEACE OF MIND

Rest easy with a 10-year parts limited warranty upon timely registration. And, our Ion System products provide additional peace of mind with our No Hassle Replacement limited warranty™.

WHAT SETS TEMPSTAR ION HEAT PUMPS APART?

Durable – The painted, galvanized steel cabinet features a powder-coat, baked-on finish and narrower grille spacing to provide exceptional protection, proper airflow and easy coil cleaning.

Quiet – A deluxe sound blanket helps reduces compressor sound levels.



Ion System Heat Pump

Efficient – The scroll compressor and durable copper or aluminum tubing with post-painted aluminum fins allow for efficient heat transfer required for cooling.

Ion Black System Control – Ion System heat pumps can be teamed with our innovative Ion Black System Control, offering full-color touch screen technology. They can also be matched with Tempstar communicating gas furnaces (for dual-fuel applications) and fan coils to create exceptional efficiency and complete comfort.

NO HASSLE REPLACEMENT LIMITED WARRANTY™

See warranty certificate for details.

EXCEPTIONAL PEACE OF MIND

Our No Hassle Replacement limited warranty backs every Tempstar Ion System product. It means comfort with no questions. 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 dealer can help create a properly matched system to best fit your needs and your budget.

Ion Black System Control

Pair with our communicating indoor or outdoor units and zoning system for a complete Ion™ Comfort System.

Gas Furnace

Provides efficient, reliable heating for lasting comfort and potential energy savings.

Fan Coil

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

Evaporator Coil

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

Air Purifier

Our patented Captures and Kills® technology treats 100% of the air flowing through your system.+

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

ION SYSTEM HEAT PUMPS

Our Ion System heat pumps can deliver cool relief from soaring outdoor temperatures and efficient, warm indoor comfort when the outside air turns cooler. Tempstar offers a solution for year-round comfort during the warm and cool seasons. No matter your comfort needs, Tempstar has a heat pump for your home.

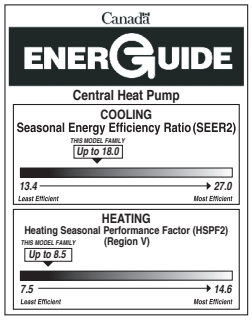
	ION SYSTEM				PERFORMANCE SERIES	
Tempstar Heat Pump Options	**T5H3V**	**T5H0V**	**T5H8T**	**T5H6S**	**N5H8T**	**N5H5S**
Comfort Features						
Summer Dehumidification	Best	Best	Best	Better	Good	Good
Temperature Control	Best	Best	Best	Better	Good	Good
Efficiency						
Cooling SEER2	Up to 23.0	Up to 20.0	Up to 18.0	Up to 16.5	Up to 18.0	At 15.2
Electric Heating HSPF2	Up to 10.0	Up to 9.5	Up to 8.5	Up to 7.8	Up to 8.5	Up to 7.8
Design Features						
Ion Communicating System Compatible	•	•	•	•		
Compressor Stages	Variable	Variable	2	1	2	1
Compressor Sound Jacket	•	•	•	•		
Coastal Model Available					•	•
Peace of Mind						
10-Year Parts Limited Warranty**	•	•	•	•	•	•
No Hassle Replacement Limited Warranty*	10-Year	10-Year	10-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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A Proud Member of the Carrier Family

HP-004-TS-01
10/2024
T5H8T, T5H6S Series
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