

TEMPSTAR
Heating and Cooling Products

Ion™ System

AIR CONDITIONERS

COOL INDOOR COMFORT



featuring

RO454B

Ion System
Models T5A8T, T5A6S





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 AN AIR CONDITIONER?

ENERGY SAVINGS



SEER2 (Seasonal Energy Efficiency Ratio) measures the cooling efficiency of air conditioners and heat pumps during an average cooling season. The higher the SEER2 rating, the greater the potential for energy savings. Two-stage Ion System air conditioners offer efficiencies as high as 18 SEER2 with single-stage model ratings up to 16.5 SEER2.

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.

CONVENIENCE



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

QUIET OPERATION



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

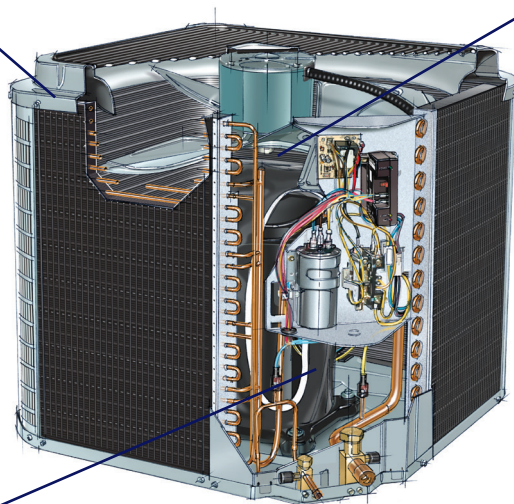
PEACE OF MIND



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 AIR CONDITIONERS APART?

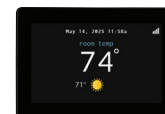
Durable – The painted, galvanized steel cabinet features a powder-coat, baked-on finish, sturdy corner posts and narrower grille spacing to provide exceptional protection, proper airflow and easy coil cleaning.



Efficient – The scroll compressor and the 7 mm welded aluminum fin coils work collectively to save on energy.

Quiet – The two-stage scroll compressor (T5A8T model only) is designed to operate most of the time at the quieter, lower stage. As outdoor temperatures rise and additional cooling is required, it changes over to high-stage operation. A deluxe sound blanket also reduces compressor sound levels.

Ion System Air Conditioner



Ion Black System Control – Ion System air conditioners can be teamed with our innovative Ion Black System communicating control, offering full-color touch screen technology. They can also be matched with Tempstar communicating gas furnaces and air handlers to create exceptional efficiency and complete comfort.

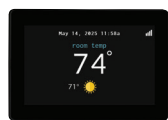


EXCEPTIONAL PEACE OF MIND

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. A Tempstar split-system air conditioner is a properly matched combination of an outdoor air conditioner and a separate indoor unit such as a natural gas, oil, propane or electric furnace or air handler. Your Tempstar 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.



Air Handler

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



Evaporator Coil

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



Air Purifier

Installed on or near the furnace or air handler to treat the air flowing through your HVAC system.

ION SYSTEM AIR CONDITIONERS

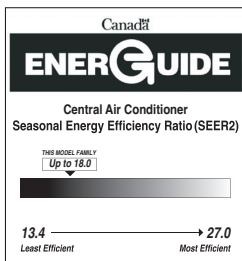
Our Ion System air conditioners can deliver cool, calm relief from soaring outdoor temperatures. From the fully-featured Ion communicating system to our more budget-friendly options, Tempstar air conditioners include features like time-tested scroll compressors and sound-reducing components and designs. No matter your comfort needs, Tempstar has an air conditioner for your home.

	ION SYSTEM		PERFORMANCE SERIES		
Tempstar Air Conditioner Options	T5A8T	T5A6S	N5A8T	N5A5S	N5A4S
Comfort Features					
Summer Dehumidification	Better	Better	Better	Good	Good
Temperature Control	Better	Better	Better	Good	Good
Efficiency					
Cooling SEER2	Up to 18.0	Up to 16.5	Up to 18.0	Up to 16.5	Up to 16.0
Design Features					
Ion Communicating System Compatible	•	•			
Compressor Stages	2	1	2	1	1
Compressor Sound Jacket	•	•			
Coastal Model Available			•	•	
Peace of Mind					
10-Year Parts Limited Warranty**	•	•	•	•	•
No Hassle Replacement Limited Warranty*	10-Year	5-Year			

* 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

TEMPSTAR
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Manufacturer reserves the right to change specifications on its products without notice. Illustrations and photographs in this brochure are only representative. Some product models may vary.

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A Proud Member of the Carrier Family

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01/2026

T5A8T, T5A6S Series

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