

Tempstar® Split System Air Conditioners



SmartComfort® Series
TSA5/TSA6/TCA7/TVA9

TEMPSTAR®
Heating and Cooling Products
Quality you can feel.



BUILT WITH STRENGTH

When you choose Tempstar® heating and cooling equipment, you're choosing dependability and innovation in home comfort. We are proud to give you the latest in engineering and technology. Each unit is 100% run tested, and we design our products to give you the best in quality, energy efficiency and reliability. We take pride in surpassing your expectations and delivering quality you can feel.

BACKED BY EXCEPTIONAL WARRANTIES

The only No Hassle Replacement™ limited warranty that you'll find in the industry backs every Tempstar SmartComfort® product. It means comfort with no questions. We'll replace your unit if the compressor or coil fails within the covered period. We give you extra coverage in addition to a 10-year parts and compressor limited warranty.*



SMARTCOMFORT® AIR CONDITIONERS

The SmartComfort air conditioner series offers our best comfort in the warm seasons, from the highest featured Observer® communicating system to the budget-friendly with single- and two-stage scroll compressors, as well as variable-speed compressors, multi-speed fan motors, and sound-reducing compressor jackets.

**To the original owner, Tempstar products are covered by a 10-year parts limited warranty upon timely registration. The limited warranty period is 5 years if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate for complete details.*

WHAT IS A SPLIT SYSTEM AIR CONDITIONER?

Tempstar split system air conditioners are designed for the best durability and comfort. Properly matched combinations of an outdoor air conditioner and a separate indoor unit can be customized to provide cooling, gas heating, and/or electric heating. By combining the appropriate indoor unit with a matching outdoor unit, various combinations of cooling and heating methods can be created for the optimal combination of comfort, efficiency and economy.



Air Conditioner

WHAT SETS TEMPSTAR® AIR CONDITIONERS APART?

- 1. Quiet**—The two-stage scroll compressor (TCA7 only) operates most of the time at the quieter, lower stage, changing over to the higher stage with warmer outdoor temperatures to produce more cool air. A deluxe sound blanket also reduces compressor sound levels.
- 2. Durable**—The painted, galvanized steel cabinet features a powder-coat, baked-on finish over galvanized steel with narrower spacing to provide maximum protection as it allows for proper airflow and easy coil cleaning.
- 3. Efficient**—The scroll compressor and the 7 mm copper tubing with aluminum fin coils work collectively to save on energy.
- 4. Smooth Operation**—The multi-speed fan motor (TVA9 only) operates most of the time at the quieter, lower speed. Aerodynamic air discharge design reduces operating sounds.
- 5. Observer® Communicating Wall Control**—SmartComfort air conditioners can be teamed with our innovative Observer communicating thermostat, offering full-color touchscreen technology, and matched with Tempstar communicating gas furnaces and fan coils to create maximum efficiency and ideal comfort.

WHAT MATTERS IN A SPLIT SYSTEM AIR CONDITIONER?

Get the most out of a split system by choosing the air conditioner that fits your comfort needs. All of our air conditioners include comfort-enhancing and durable features to deliver lasting performance. For the maximum combination of comfort, efficiency and convenience, ask about our Observer® communicating system models with Wi-Fi® capability. For greater efficiency in a unit, look for two-stage or variable-speed compressor operation. Our toughest and quietest outdoor units feature wire hail guard grilles, corner posts, and compressor sound jackets. And our No Hassle Replacement limited warranty is offered on our premium products to give you peace of mind. Tempstar split system air conditioners offer energy efficiency, increased comfort, durable performance, and quiet operation.

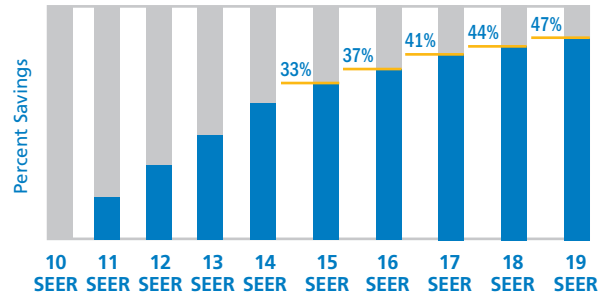
EFFICIENCY RATINGS—WHAT DO THEY MEAN?

Seasonal Energy Efficiency Ratio (SEER)—Measures the cooling efficiency of air conditioners and heat pumps during an average cooling season. The higher the SEER, the greater the energy economy.

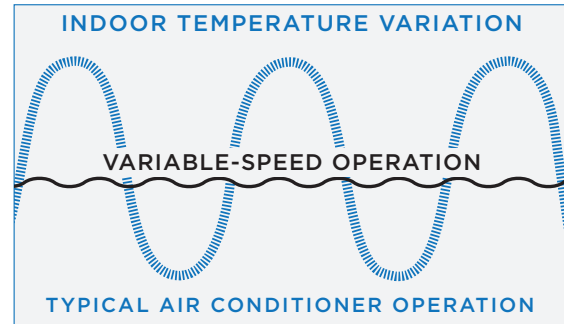
Energy Efficiency Rating (EER)—Measures the cooling efficiency of air conditioners and heat pumps during a set temperature (95° F).

ENERGY STAR®—A U.S. Environmental Protection Agency program to identify and promote energy-efficient products in order to reduce energy consumption.

SEER vs. Cooling Cost Savings



Percentage based on national averages at 10 SEER; may vary according to efficiency of current unit and installation.



TSA5 SMARTCOMFORT® 15 AIR CONDITIONER

- Up to 15 SEER/12.2 EER cooling
- Efficient single-stage scroll compressor
- Communicating capability
- 1-year No Hassle Replacement™ limited warranty
- 10-year parts limited warranty (upon timely registration)



TSA6 SMARTCOMFORT® 16 AIR CONDITIONER

- Up to 16 SEER/12.2 EER cooling
- Quiet performance (as low as 69 decibels)
- Efficient single-stage scroll compressor
- Communicating capability
- 5-year No Hassle Replacement™ limited warranty
- 10-year parts limited warranty (upon timely registration)



TCA7 SMARTCOMFORT® DELUXE 17 TWO-STAGE AIR CONDITIONER

- Up to 17 SEER/13 EER cooling
- Quiet performance (as low as 70 decibels)
- Two-stage scroll compressor for better temperature and humidity control
- Communicating capability
- 10-year No Hassle Replacement™ limited warranty
- 10-year parts limited warranty (upon timely registration)



TVA9 SMARTCOMFORT® DELUXE 19 AIR CONDITIONER WITH SMARTSENSE™ TECHNOLOGY

- Up to 19 SEER cooling
- Variable-speed compressor for the ultimate in quiet and efficient operation
- Superior summer dehumidification
- Multi-speed fan motor for even temperatures
- Communicating capability
- 10-year No Hassle Replacement™ limited warranty
- 10-year parts limited warranty (upon timely registration)



	SMARTCOMFORT® DELUXE		SMARTCOMFORT®		
Tempstar® Split System Air Conditioner Options	TVA9	TCA7	TSA6	TSA5	T4A3
Tempstar® Split System Heat Pump Options	TVH8	TCH6	TSH5	TSH4	
Comfort Features					
Summer Dehumidification	Best	Best	Better	Better	Better
Temperature Control	Best	Best	Better	Better	Better
Efficiency					
Cooling SEER	Up to 19	Up to 17.5	Up to 16	Up to 15	13
Electric Heating HSPF (Heat Pumps only)	Up to 11	Up to 9.5	Up to 9	Up to 8.2	
Design Features					
Observer® Communicating System Compatible (When Installed with Observer Wall Control with Wi-Fi®)	•	•	•	•	
Compressor Stages	Variable	2	1	1	1
Compressor Sound Jacket	•	•	•	•	•
Multi-Speed Fan Motor	•				•
Peace of Mind					
10-Year Parts Limited Warranty	•	•	•	•	•
No Hassle Replacement™ Limited Warranty	10-yr	10-yr	5-yr	1-yr	1-yr

Many models are ENERGY STAR® qualified. Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

Timely registration required for 10 year parts limited warranty. Limited warranty period is 5 years for parts if not registered within 90 days of installation. Jurisdictions where warranty benefits cannot be conditioned on registration will receive the registered limited warranty periods. Please see warranty certificate for further details and restrictions.

All systems tested and listed by the appropriate agencies.



ISO 9001: 2000 Registered



As part of its commitment to quality, International Comfort Products 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. Wi-Fi® is a registered trademark of the Wi-Fi Alliance Corporation.