

HEAT PUMPS

CHOICES FOR YEAR-ROUND INDOOR COMFORT



featuring
RO454B

Heat Pump Comparison

DESIGNED TO FIT YOUR HOME - AND YOUR BUDGET

Tempstar has real solutions for your home cooling and heating needs. Our comprehensive selection of heat pumps have been designed to fit virtually any home and a variety of budgets. From our innovative variable speed Ion Series Heat Pump Systems with SmartSense Technology...to Performance Series two-stage and single-stage choices, our heat pumps offer year-round comfort you can depend on.

	ION™ SYSTEM				PERFORMANCE SERIES	
Heat Pump Options¹	T5H3V	T5H0V	T5H8T	T5H6S	N5H8T	N5H5S
Efficiency						
Cooling SEER2 (up to)	23.0	20.0	18.0	16.5	18.0	16.0
Heating HSPF2 (up to)	10.0	9.5	8.5	7.8	8.5	7.8
Compressor Type	Fully variable-speed with capacity range from 25-100%		Two-stage with high-stage at 100% capacity and low-stage at 75% capacity	Single-stage at 100% capacity at all times	Two-stage with high-stage at 100% capacity and low-stage at 75% capacity	Single-stage at 100% capacity at all times
ENERGY STAR ®	•	•	•	•	•	•
Comfort Features						
Sound Level (as low as)	55 dBA	55 dBA	67 dBA	67 dBA	69 dBA	67 dBA
Humidity Control	Excellent	Excellent	Enhanced	Standard	Enhanced	Standard
Smallest footprint available (inches) (D x W x H)	35 x 35 x 47	23 x 23 x 35	35 x 35 x 46	32 x 32 x 32	35 x 35 x 46	32 x 32 x 32
Compressor Sound Jacket	•	•	•	•		
Durability						
Cabinet Design	Solid, durable sheet metal construction with baked-on powder paint to protect again dings, dents and weather-based threats. Durable corner posts and dense wire grille to protect the coil.			Solid, durable sheet metal construction with baked-on powder paint to protect again dings, dents and weather-based threats. Dense wire grille to protect the coil.		
Available in Coastal Model					•	•
Recommended Thermostat						
Ion Black Communicating Control	•	•	•	•		
Ion Gray Smart Thermostat					•	•
Peace of Mind						
10-Year Parts Limited Warranty**	•	•	•	•	•	•
No Hassle Replacement Limited Warranty*	10-Year	10-Year	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

¹ Heat pump models may not be sold in every region.

DESIGNED WITH YOUR COMFORT IN MIND

Tempstar heat pumps represent years of design, development and testing with one goal in mind – maximizing your family's comfort. Along the way, we have created new technologies that deliver the outstanding quality and energy efficiency you demand while staying ahead of industry trends and global initiatives.

CROSSOVER HEAT PUMPS	
QUIETCOMFORT SERIES	PERFORMANCE SERIES
D5CUHA	D5CURA
19.0²	18.8
10.8²	9.7
Fully variable-speed with capacity range from 25-100%	Fully variable-speed with capacity range from 25-100%
Yes²	
59 dBA	55 dBA
Enhanced	Enhanced
13.5 x 35 x 26.5 Great for small lots and close housing	13.5 x 35 x 26.5 Great for small lots and close housing
Galvanized steel cabinet, coated with baked-enamel finish on the inside and outside to protect against dings, dents and weather-based threats	Galvanized steel cabinet, coated with baked-enamel finish on the inside and outside to protect against dings, dents and weather-based threats
•	•
5-Year	

² When paired with the D5FUHA air handler

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





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.

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. All trademarks and service marks referred herein are property of their respective owners.

A Proud Member of the Carrier Family

TEMPSTAR
Heating and Cooling Products

650 Heil Quaker Ave.
Lewisburg, TN 37091

Tempstar.com

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