

QUIETCOMFORT® & PERFORMANCE

CROSSOVER SOLUTIONS HEAT PUMPS

VERSATILITY,
PERFORMANCE
& COMFORT



Featuring

RO454B

Models: D5CUHA, D5CURA



WHY ARE SO MANY HOMEOWNERS CHOOSING CROSSOVER?

Tempstar® Crossover Solutions provide a system that maintains the characteristics of traditional ducted heating and cooling while leveraging elements of ductless technology. Our systems are compatible with residential fan coils and furnaces, ensuring a seamless integration with your existing HVAC setup. They're the perfect choice for spaces of all sizes, creating a whole-home solution that can't be matched.

Environment

Tempstar is committed to providing our planet and people with a better future by offering the best refrigerant for each application. After years of research, development and field trials, we will be transitioning to the use of R-454B, with a 75% reduction in global warming potential.

Comfort Technology

Tempstar Crossover Solutions are powered by an inverter compressor that continually adjusts its speed as conditions change—for consistent comfort with lower energy usage. Plus, enjoy year-round comfort with a QuietComfort® Series heat pump that offers dependable performance in temperatures from -22° F to 122° F.*

Performance

Our QuietComfort Series Crossover Systems deliver up to 19.0 SEER2 and 10.8 HSPF2 ratings. Additionally, the Crossover heat pumps operate at sound levels as low as 55 dB(A), creating an ideal comfort without disrupting noise.

Dual-Fuel

The Crossover heat pump can be paired with a D5FULA evaporator coil and an oil or gas furnace, automatically switching between the two fuel sources based on the outside temperature to provide efficient comfort year-round.

Tempstar No Hassle Warranty

To the original owner, the Tempstar QuietComfort Series equipment qualifies for a 5-year No Hassle Replacement™. 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.**



**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. See warranty certificate for complete details and exclusions.



THE TEMPSTAR DIFFERENCE

If you could look under the hood of a Tempstar Crossover System, you'd see the future of electric, inverter-driven heat pump technology as the solution for home heating and cooling upgrades.

The Crossover heat pump uses a fully variable-speed compressor to adapt to your home's needs in real time, factoring in indoor and outdoor temperatures, humidity, thermostat settings, and more. By learning from past conditions, it adjusts its speed and output for consistent, efficient comfort. When paired with a Crossover indoor coil, the system delivers reliable performance all year long.



**HIGH EFFICIENCY
VARIABLE SPEED
COMPRESSOR**

A RANGE OF COMFORT

Experience the best of inverter heat pump technology and traditional HVAC systems.

	QuietComfort Series Heat Pump	Performance Series Heat Pump
Efficiency*	Up to 19.0 SEER2 and Up to 10.8 HSPF2 ratings	Up to 18.8 SEER2 and Up to 9.7 HSPF2 ratings
Operating Range	Continuous: -22°F/122°F 100% capacity @ 5°F	Continuous: -13°F/122°F 70% capacity @ 5°F
Heating & Cooling Technology	Enhanced	Standard
Compressor Performance	Fully variable-speed with capacity range from 25-100%	
Durability	Galvanized steel cabinet, coated with baked-enamel finish on the inside and outside to protect against dings, dents and weather-based threats.	
Sound	As low as 59 dB(A)	As low as 55 dB(A)
Energy Star Certified	Most Combinations	-

*Efficiency ratings dependent on indoor unit system pairings.

A FULL SPECTRUM OF COMFORT

Your Tempstar dealer will recommend a system to meet your home-comfort needs and local weather environment.

Fully Electric System



D5FUHA -
QUIETCOMFORT
AIR HANDLER



D5FUAA -
PERFORMANCE
AIR HANDLER

Dual Fuel System



D5FULA -
EVAPORATOR
COIL



RESIDENTIAL
GAS FURNACE

SEE WHAT CROSSOVER CAN DO FOR YOU

With their efficient operation and flexible installation options, Tempstar Crossover Systems are the ideal choice for a variety of applications, including remodels, expansions and older, more historic homes.

FIND YOUR CROSSOVER SYSTEM TODAY

For more information, visit tempstar.com

Scan to see rebates
and incentives for
eligible Tempstar
ductless solutions
in your area.



TEMPSTAR®
Heating and Cooling Products

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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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*Outdoor unit operating ranges may vary by model

¹Check AHRI ratings for full compatibility of residential furnaces and fan coils with the D5CUHAH/D5CURAH heat pumps