



Models  
EAM5X, EAA5X,  
EVD5X, EVM5X,  
EHD5X

## BENEFITS OF TEMPSTAR EVAPORATOR COILS

### **Environmentally Responsible, Energy-Efficient**

Tempstar aluminum evaporator coils are designed for use 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 original R-410A's non-ozone depleting properties.

### **Lasting Looks & Performance**

The sturdy cabinet on our cased models is painted to match your Tempstar furnace to provide years of scratch-resistant good looks.

### **Enhanced Comfort**

Our Thermostatic Expansion Valve (TXV) ensures proper refrigerant flow during fluctuating pressures and conditions for top reliability and energy-efficient operation.

### **Longer Life**

Tempstar advancements in aluminum manufacturing technology result in higher product reliability and as a result, potentially longer system life.

### **Durability & Drainage**

Our base pan is made of a corrosion-resistant composite material. Integrated sloped drainage helps reduce build-up of mold, bacteria and other airborne pollutants.

featuring  
**R454B**



Model EVD5X

### **Limited Warranty**

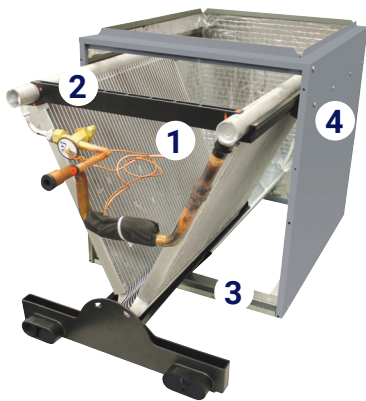
To the original owner, Tempstar aluminum evaporator coils are covered by a 10-year parts limited warranty upon timely registration of your new equipment.\*

\* Warranty period is five-year parts limited warranty if not registered within 90 days. Jurisdictions where warranty benefits cannot be conditioned on registration will automatically receive a 10-year parts limited warranty. See warranty certificate at Tempstar.com for complete details.

# THE TEMPSTAR DIFFERENCE

## Reshaping the Future of HVAC

If you could look under the hood of a Tempstar EVD5X or EVM5X aluminum evaporator coil with Power-V Technology, you'd see what drives the performance – a serious commitment to quality. Here are some features and functions that show how we are reshaping the future of HVAC:



### 1 V-Shaped Coil

The new, Tempstar V-shaped aluminum coil delivers better performance than the N-coil with improved reliability, better condensate management and better quality. The V-shaped geometry provides improved heat transfer, more even and controlled airflow over the coil, and improved system efficiency† in a lighter, corrosion-resistant coil.

### 2 Power-V Coil Design/Technology

Our new coil is constructed of flat, aluminum refrigerant channels brazed to ridged aluminum fins. It is configured in a “V” shape with the header tubes positioned at the top. The “V” configuration reduces coil resistance and enhances heat transfer. Combined, these design changes allow for the same or better SEER2 and HSPF2 ratings without growing the size of the coil.

### 3 Rugged, Lasting Drain Pans

The corrosion-resistant drain pan is designed in a Polybutylene Terephthalate (PBT) material that offers unsurpassed pan strength. They are engineered with proper slope in both pans to help ensure water drainage and improved moisture removal as well.

### 4 Durable, Fully-Insulated Cabinet

Our aluminum V-coil is housed in a durable, 24-gauge, pre-painted cabinet. The fully-insulated cabinet (foil faced with R-2.1 insulation properties) provides for quiet efficient operation of the evaporator coil.

† With optimized outdoor unit under new M1 test procedures.

## CUSTOMIZED COMFORT

Tempstar delivers comfort systems in a range of shapes and sizes. Check out this side-by-side comparison of our durable and efficient evaporator coils.

	A-Coils		V-Coils		Slab Coil
Aluminum Evaporator Coils	EAM5X	EAA5X	EVD5X	EVM5X	EHD5X
Upflow/Downflow	●	●	●	●	
Multipoise	●			●	
Horizontal	●			●	●
Factory-Installed TXV*	●	●	●	●	●
Cased Coil	●		●	●	●
R-454B Refrigerant	●	●	●	●	●
Compatible with AC and HP	●	●	●	●	●

\* Thermostatic Expansion Valve

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