



**TRANE<sup>®</sup>**

# *Trane<sup>®</sup> SureFit<sup>™</sup> Coils*

*Superior HVAC Coils Exactly When You Need Them*



# Trane<sup>®</sup> SureFit<sup>™</sup> Coils

*Sure to fit your HVAC needs with quickness, efficiency, and precision*

*An integral HVAC component, coils circulate the lifeblood of heating and cooling systems. These crucial parts can suffer damage, wear out over time, or accumulate buildup. Trane knows that you need replacement coils to fulfill your repair needs immediately.*

## *Expert Assistance On Demand*

### **Our team can simplify and speed your process**

At Trane, we understand the pressures you experience to complete repair jobs even faster. It can be complicated and time consuming to research and identify the correct part, to take measurements for confirmation, to research availability, and to place your order. After all that work, without a team of experts to guide you, you may end up with an unfortunate surprise if an incorrect or ill-fitting part arrives.

Trane can assist you to more quickly determine the right coil for your application. Our team of knowledgeable experts comes built-in with every order from SureFit. We offer support through your entire repair or replacement process, including after delivery.



Trane cares deeply about making sure that no one goes without proper HVAC through our commitment to quickly serving customers' needs. Our expert knowledge allows us to assist customers at a higher level than other companies. We innovated data-driven availability to make sure that replacement-part needs could be more quickly met. Our commitment to our customers is reflected in our availability for support throughout the lifetime of your Trane coils.

We know that time is of the essence with coil repairs. We understand that an ill-fitting coil or one that arrives damaged can result in expensive delays and unhappy customers. At Trane, our products are synonymous with quality. Inside and out, Trane SureFit<sup>™</sup> coils carry superior

design features that have been tested and proven in our research facilities and in the field—design features that add up to unbeatable performance for a variety of applications.

As a leading HVAC manufacturer for over 100 years, our accumulated expert knowledge has resulted in many advancements in coil technology. Today, our customers benefit from generations of research and development that have produced improvements and refinements in materials and design. Trane far surpasses our competitors in arriving at replacement part solutions for your HVAC system coil needs.

## Need For Speed

### Trane appreciates fast turnaround

Trane understands that your coil purchases are typically reactive, driven by equipment failure or damage. You need to make a repair as quickly as possible to satisfy your customer and to make sure their HVAC needs are being met, especially during weather conditions when heating or cooling can be of vital importance. Trane offers fast turnaround time in both of the crucial areas: time-to-quote and time-to-delivery.

With time-to-quote, we can assist you in the process, taking on time-consuming tasks such as researching which replacement coil is the right one for your application and offering assistance with measuring (either by having the measurements already at hand for most Trane equipment or by coming out and measuring for you). Approximately 97% of quotes happen in a matter of minutes. We achieve 24-hour quotes in nearly all other cases.

With time-to-delivery, we offer sophisticated stocking techniques that ensure rapid delivery. Because we know who has purchased Trane systems and where they are located, we can use data-driven availability to predict need. We make sure that the right kinds of coils are distributed at one of more than 200 parts centers so that we can respond when demand (such as adverse weather) dictates. With respect to configured coils, we know when to stock certain parts and materials in our 11 fabrication centers, so that we can make your custom coil as quickly as possible.



### Trane Can Support Your Non-Coil Needs Too

*Trane can provide all the products you need to complete your job, shipped together with your coil, to streamline your ordering process and help you save time. From brazing materials to refrigerant, our complete line of products can package supplementary items with your coils so they arrive at your job site conveniently and efficiently. If you need assistance with anything else you might need for your job, our team of experts can help you determine what supplementary products will ensure a complete repair.*

### Coils can be complicated to replace

Trane recognizes that sometimes your coil replacements require significant logistical complexity, often at great cost—hiring special equipment such as cranes, closing off streets, acquiring special permits, installing during non-business hours. Because a majority of our coils are distributed from one of over 200 parts centers, we can better ensure on-time delivery than competitors in far-away places.

# Why Replace My Coils?

Sometimes coil repair is an obvious necessity due to damage or system failure. But other times the need for replacement can be hidden. You may not be experiencing performance issues with your coils today—but coils don't last a lifetime. By necessity, coils are made of thin metals for efficient, effective thermal transfer. Over time, these metals are impacted by the environment and contaminants, both inside and out.

Water coils can last up to 20 years; steam coils may show signs of deterioration after 10 years or less. If your coils are approaching the end of their useful life, or if you're unsure of their age, it makes sense to schedule an inspection as soon as possible. A planned coil replacement can be done when it causes the least impact to the building

and the people in it; emergency coil replacements due to unexpected failures can cost much more, especially when they impact a business.

If an inspection of your existing coils indicates they should be replaced, know that Trane® SureFit™ replacement coils are engineered and manufactured to provide the longest possible service and best performance—and in many cases can outperform your system's original coils.



## *Common Reasons for Coil Replacement*

### **Damage**

Due to the fragility of the thin metal from which coils are fabricated, they can suffer damage from a number of sources. Weather can take a toll as wind or water wreak havoc from everyday storms to more extreme events such as hurricanes, floods, and tornadoes. Accidents happen in which heavy or sharp objects dent coil surfaces or sever tubes.

### **Neglected maintenance**

Regular maintenance keeps coils working properly for the longest possible time. When coils aren't cleaned and inspected as recommended by the manufacturer, contaminants like dust, debris, and even mold and bacteria can build up and dramatically shorten coil lifespan.

### **Environmental effects**

Environmental conditions can weaken coils' structural integrity, causing them to leak, or coat coils with contaminants, reducing their thermal transfer ability. Air pollution creates acids that can chemically decay coil and fin metal. Salty environments found in coastal areas can cause damaging corrosion. Winter conditions can damage coils due to the expansion of water as it freezes. Some industrial locations can produce airborne contaminants that collect on coils, reducing their effectiveness.

## Exceptional products crafted to precision standards

We take pride in our exceptional manufacturing standards that surpass the industry standard. Each coil goes through a rigorous testing process that ensures the highest quality. You can expect your new coil to arrive free of any damage: each coil is packed and shipped with the utmost care. When you go to install it, it will fit exactly.

With our true-OEM coils, you can rest assured that you are getting a replacement part engineered and built by the people who designed your equipment—one that meets the high standards your Trane® equipment needs to continue to perform optimally. Trane never compromises our extremely high standards, so customers are ensured a product that surpasses industry standards.

## Quality you can count on

*Trane SureFit™ replacement coils receive high marks from customers—due in large part to the engineering expertise that guides the coils' design and the thorough performance-testing capabilities that help ensure years of trouble-free performance. Regardless of your equipment's*

*manufacturer, you can count on Trane to provide replacement coils that will meet your needs, improve efficiency, and reduce energy usage. And if you have Trane equipment, installing Trane SureFit coils will maintain your equipment's AHRI certification.*

## Over a century of coil technology advancements

### SureFit Coils Offer:

- **Internally enhanced tubes:** Provide better coil performance and allow reduced fin density and fewer rows, easing maintenance and lowering air-pressure drop which improves efficiency and lowers operating costs.
- **Delta-Flo™ fin design:** Creates low airside pressure drop and reduces moisture carryover through a staggered design.
- **Prima-Flo™ fin design:** Creates low airside pressure drop and reduces moisture carryover through a parallel design.
- **Sigma-Flo™ fin design:** Maximizes heat transfer while minimizing coil size.
- **Infinitely variable fin spacing (IVS):** Allows coil fin surfaces to more precisely match heating and cooling loads and is available on all products.
- **CompleteCoat™ coil coating:** Protects coils from corrosion and chemical damage—an optional treatment perfect for marine and industrial environments

### Interior tube fouling and damage

Coils can be damaged from the inside, resulting in leaks or clogging. Conditions such as incorrect water treatment formulation, the presence of chlorine, high-velocity fluid flow, and abrasive contaminants cause erosion and leaks. Sludge can build up over time reducing heat transfer and efficiency or even stopping fluid flow entirely.

### Normal use

Time and wear eventually damage all coils. The bonds between the fins and tubes that make up a coil assembly deteriorate due to galvanic corrosion; temperature cycling extremes and excessive vibration also can loosen these bonds. Steam corrodes tubes internally, which can cause inefficiency or failure. And even if they're working properly, older coils lack modern technological advancements that maximize efficiency and minimize energy use.

### Abnormal conditions

Abnormal conditions can quickly damage coils or cause performance problems over time. These abnormal conditions include excessive fluid pressure, frozen fluid, ice buildup on fins, excessive temperature, excessive cycling, and physical damage to fins and tubes. Improper coil design and construction also can cause performance problems.



# SureFit™ Coils:

for any kind of equipment made by any manufacturer



We know that Trane® products can be part of a wider portfolio of products serving your HVAC needs. We offer non-Trane aftermarket coils to simplify your business. For efficiency, we enable you to order all your coils from the same trusted source. With respect to quality, we understand that you want to ensure the best product for the job. Trane can supply coils for most applications and can assist with the measurement and selection process to ensure the aftermarket coil you purchase from us fits and functions properly.

In terms of quality, Trane aftermarket coils go through the same rigorous quality-assurance testing that our true-OEM products endure. You can be sure that any coil Trane supplies you will meet or exceed the original specifications. Often our coils for non-Trane applications perform better than the originals due to design improvements and superior materials.

Trane's commitment to the highest-quality products, even for aftermarket items, reflects our desire to serve our customers' needs in every way we can.

Type of Coil	Standalone and Duct Applications	Air Handlers	Terminal Units and Fan Coils	Unit Ventilators	Water Source Heat Pumps	Split Systems	Packaged Rooftop Units	Self-Contained	Air Cooled Chiller
 <b>Hot Water</b>	✓	✓	✓	✓			✓	✓	
 <b>Chilled Water</b>	✓	✓	✓	✓			✓	✓	
 <b>Steam</b>	✓	✓	✓	✓			✓	✓	
 <b>Evaporator</b>	✓	✓	✓		✓	✓	✓	✓	
 <b>Condenser</b>	✓	✓				✓	✓	✓	✓
 <b>Heat Recovery</b>	✓	✓	✓				✓	✓	✓

## Trane® Solutions:

### Making buildings better for life

#### Performance

Trane SureFit™ replacement coils are designed, engineered, built, and tested to be solid performers with the longest possible life. Our constant product development results in replacement parts that are sometimes superior to original ones that failed. Regardless of the equipment or application, Trane SureFit replacement coils will help your HVAC system perform at its best.

#### Innovation

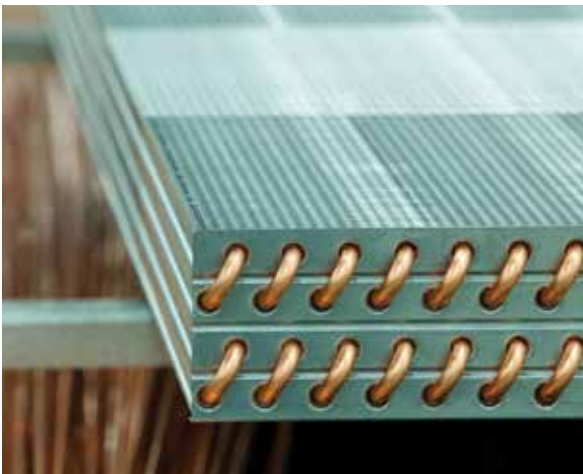
Founded over a century ago on the belief that imagination and inspiration can overcome any obstacle, the Trane legacy of technological breakthroughs has made it an industry legend. Because of our ongoing zeal for innovation, today's Trane SureFit coils maximize performance, efficiency, reliability, and longevity.

#### Commitment

Trane cares deeply about customer service, and we value our ongoing customer relationships. The Trane commitment to customer satisfaction begins the moment you call us for a 24-hour price quote. We maintain diligent customer relations throughout all aspects of your coil order from sourcing/manufacture, to on-time delivery, through installation, and during the entire length of your new coils' life after being installed in your equipment.

#### Knowledge

You can count on Trane and our team of experts to help you meet all of your needs. We're committed to offering our customers a simple and seamless solution for your repair/replacement needs. For over one hundred years, Trane has built and maintained its leadership status in the HVAC industry by employing the brightest and most inquisitive engineers and design experts—all of whom share a singular passion to know and explore the ever-evolving technology that improves the lives of our customers.



Visit [Trane.com/surefitcoils](https://www.trane.com/surefitcoils) or call 855-SF-COILS for more information.  
For Trane commercial customers, contact your Trane account manager or your local Trane sales office to learn more.

Visit [trane.com/surefitcoils](http://trane.com/surefitcoils) to learn more about  
**Trane SureFit™ Coils**



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



[trane.com](http://trane.com) [ingersollrand.com](http://ingersollrand.com)