



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

*Quality HVAC coils right when you need them.*



## Trane SureFit Coils

# *The coils you need, when you need them.*

*For heating and cooling, there's no substitute for properly working coils—and when you need them, there's no substitute for coils that fit right, perform properly and arrive for installation when needed.*

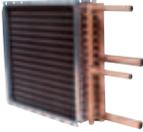


Trane is committed to being your single-source solution for replacement coils—for any type of HVAC equipment, from any manufacturer. Our quick-quote system allows us to offer you same-day quotes. Plus with our knowledgeable engineers and network of Trane locations—the largest in the industry—we're prepared to rush the delivery of your Trane® SureFit™ coils. In fact, we can ship most coils in three days or less from the time your order is placed even if they're custom-built to your precise specifications.

From the beginning of the order process throughout the lifetime of the coil, no other coil supplier will surpass the Trane commitment to your satisfaction. This is our pledge to you.

## Coils for any kind of equipment made by any manufacturer

At Trane, we're proud of the quality of our HVAC equipment. But we know that our customers' buildings could have equipment from other manufacturers, too—equipment that may need replacement coils. Trane is your source for replacement coils for any equipment from any manufacturer. In most cases, we'll have replacement coils you need in stock—but if we don't, Trane can make those coils and have them shipped to you in three days or less. As a market leader, Trane is committed to your satisfaction.

	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 Chillers
<b>Hot Water</b> 	✓	✓	✓	✓			✓	✓	
<b>Chilled Water</b> 	✓	✓	✓	✓			✓	✓	
<b>Steam</b> 	✓	✓	✓	✓			✓	✓	
<b>Evaporator</b> 	✓	✓	✓		✓	✓	✓	✓	
<b>Condenser</b> 	✓	✓				✓	✓	✓	✓
<b>Heat Recovery</b> 	✓	✓	✓				✓	✓	✓

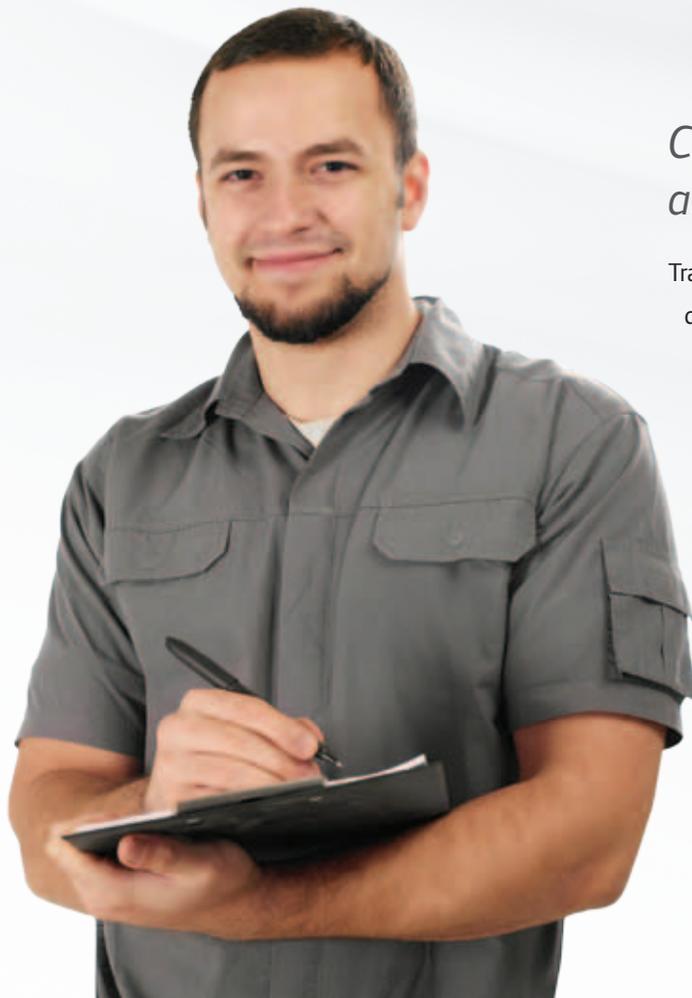
# *The Trane Coil Center of Excellence:*

**A dedicated coil-manufacturing facility—dedicated to your satisfaction**



When Trane committed itself to being the industry's leading provider of replacement coils, we did so with an equal commitment to our customers. That commitment came with a responsibility to supply any coil for any HVAC equipment.

It required not only a well-managed inventory of coils for immediate shipment, but also a modern facility that could custom manufacture any coil to any specifications with the high level of quality that our customers expect and deserve—and with the productivity that made those coils available for shipment to our customers within three business days of being ordered. That's why Trane founded our Coil Center of Excellence: a facility with unmatched resources to quickly manufacture quality Trane® SureFit™ coils for any application—all at a price that's competitive with any other supplier.



## *Coils without compromise— and with the delivery speed you need*

Trane is committed to delivering you the highest-quality, highest-performing coils of any coil supplier or manufacturer—and delivering them quicker than anyone else. Our three-day turnaround time—even for custom-manufactured coils—is made possible through flexible manufacturing practices, a large supply base and the industry's largest distribution network. Regardless of whether we have your exact model of replacement coils in stock or whether we make them to your exact specifications, with more than 200 distributor locations, Trane will get you the replacement coils you need—fast.

Your knowledgeable Trane representative has the expertise to ensure you quickly get coils that are not only right for your particular application, but also provide the performance and reliability you require. The result is peace of mind: You'll know that the coils you order will arrive on time and fit and perform as promised.



## Trane Coil Center of Excellence, Columbia, S.C.

### *A century of coil technology advancements*

Trane has been a leading HVAC manufacturer for 100 years, and that milestone is shared in advancements in coil technology. Today, our customers benefit from generations of research and development, improvements and refinements in both materials and design.

Inside and out, Trane SureFit 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.

- **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:** Staggered design for low airside pressure drop and reduced moisture carryover.
- **Prima-Flo™ fin design:** Parallel design for low airside pressure drop and reduced moisture carryover.
- **Sigma-Flo™ fin design:** Maximizes heat transfer while minimizing coil size.
- **Infinitely variable fin spacing (IVS):** Available on all coil fin surfaces to more precisely match heating and cooling loads.
- **CompleteCoat™ coil coating:** Optional treatment that protects coils from corrosion and chemical damage; perfect for marine and industrial environments.

### *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.

# Why replace my coils?

You may not be experiencing performance issues with your coils today—but coils can'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.

## Some of the common issues that can lead to the need for coil replacement.



### Neglected maintenance

Proper maintenance is necessary to keep coils working properly for the longest possible time. If 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 can create acids that 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.

### Interior tube fouling and damage

Coils can be damaged from the inside, resulting in leaks or clogging. Tube erosion and leaks can be caused by incorrect water treatment formulation, the presence of chlorine, high-velocity fluid flow and abrasive contaminants. Other contaminants can build up over time, forming sludge; this can reduce heat transfer and efficiency or even stop fluid flow entirely.

### Normal use

Time and wear eventually will damage all coils. The bonds between the fins and tubes that make up a coil

assembly can deteriorate due to galvanic corrosion; temperature cycling extremes and excessive vibration also can loosen these bonds. Steam can corrode 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 can 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.

# 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. Regardless of the equipment or application, Trane SureFit replacement coils will help it perform at its best.

## Innovation

Founded 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. Today's Trane SureFit coils are the product of nearly 100 years of innovations to maximize performance, efficiency, reliability and longevity.

## Commitment

As a company, our livelihood depends on the Trane reputation—and the Trane reputation depends both on our products' performance as well as our relationships with customers. The Trane commitment to your satisfaction begins the moment you call us for a same-day price quote and is maintained throughout your new coils' sourcing or manufacture, throughout their quick delivery, throughout their installation and throughout their life in your equipment. We want every Trane customer to stay a Trane customer. Our commitment to our customers reflects that goal.

## Knowledge

To become and remain an industry leader requires a full understanding of existing knowledge and a never-ending quest for new discoveries. For 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](http://Trane.com/surefitcoils) or call 855-SF-COILS for more information on Trane SureFit coils—or contact your Trane account manager to learn more.*

Scan the code to  
learn more about  
Trane® SureFit™  
replacement coils.



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