




Custom Coil Reference Guide

SureFit™ Coils

Coils for any type 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
Hot Water 	✓	✓	✓	✓			✓	✓	
Chilled Water 	✓	✓	✓	✓			✓	✓	
Steam 	✓	✓	✓	✓			✓	✓	
Evaporator 	✓	✓	✓	✓	✓	✓	✓	✓	
Condenser 	✓	✓				✓	✓	✓	✓
Heat Recovery 	✓	✓	✓				✓	✓	✓



SureFit™ Coils

Tube Dia.	Casing Material	Rows	Coil Fin Height		Tube Material	Tube Wall Thickness	Tube Design	Turbulators	Coil Finned Length		Fin Design	Fin Material & Thickness	Fin Series (fpi)		Coatings
			Min	Max					Min	Max			Min	Max	
5/16 in	GS & SS	1, 2, 3, 4	6 in	72 in	Cu	0.014 in	Internally Enhanced	No	6 in	120 in	Enhanced	0.0045 in Al	11	22	CompleteCoat™ & Pre-Coated Black Epoxy Fin
3/8 in	GS & SS	1, 2, 3, 4, 6, 8, 10, 12	6 in	72 in	Cu	0.014 in 0.016 in 0.020 in	Smooth	No	6 in	168 in	Enhanced Non-Enhanced	0.0053 in Al	12	18	CompleteCoat™ & Pre-Coated Black Epoxy Fin
					Cu	0.014 in	Internally Enhanced					0.0075 in Al	7	18	
1/2 in	GS & SS	1, 2, 3, 4, 5, 6, 7, 8, 10, 12	6 in	72 in	Cu	0.016 in 0.025 in	Smooth	Optional	6 in	168 in	Enhanced Non-Enhanced	0.0055 in Al	6	14	
					Cu	0.016 in	Internally Enhanced	No				0.0045 in Cu	6	14	
5/8 in	GS & SS	1, 2, 3, 4, 5, 6, 7, 8, 10, 12	6 in	72 in	Cu	0.020 in 0.024 in 0.035 in	Smooth	Optional (Only Available with .020 in and .024)	6 in	168 in	Enhanced Non-Enhanced	0.0045 in Cu	6.7	14	CompleteCoat™
					RB	0.049 in	Smooth	No				0.0055 in Al	6.7	14	
1 in	GS & SS	1	12 in, 18 in, 24 in, 30 in, 33 in	Cu	0.031 in	Smooth	No	6 in	144 in	Non-Enhanced	0.0132 in Al	3.5	11	CompleteCoat™	
				RB	0.049 in						0.0080 in Cu				

Vast materials

- Copper and red brass tubes
- Aluminum and copper fins
- Red brass connections
- Galvanized and stainless steel casings

Multiple Options

- Turbulators and internally enhanced tubes
- Connections types
- Anticorrosive coating
- High efficiency and low moisture carryover fins
- Fin thicknesses
- Tube wall thicknesses
- Tube diameters
- Multiple fin series
- Infinitely variable fin spacing (IVS)

Many Dimensions

- Extended coil heights
- Extended coil lengths (coming soon!)

Custom designs**Glossary**

- **Non-Enhanced Fin:** Ideal for systems where airside pressure drop is a concern. Reducing pressure drop through the coil results in lower fan brake horsepower and systems energy savings
- **Enhanced Fin:** Ideal for systems where moisture carryover may be a concern. Enhanced fins offers increased capacity and higher moisture carryover limits, with a minimal increase in air pressure drop when compared to the non-enhanced fin.
- **Fin Series:** Infinite variable fin spacing is available on all coil fin surfaces to more precisely match heating and cooling loads.
- **CompleteCoat™:** Optional treatment that protects coils from corrosion and chemical damage; perfect for marine and industrial environments.
- **Internally Enhanced Tubing:** Typically used for refrigerant coils. Internally enhanced tubing provides better coil performance which allows reduced fin density and a fewer number of rows.
- **Smooth Tubing:** Typically used for water coils.
- **Casing:** Sheet metal parts that supports the coil. Typically consists of end supports, top & bottom channels (if applicable), and center supports (if applicable).
- **Turbulators:** Copper based spring inserted in the coil tubes and are used in lower flow rate water coil applications to boost coil performance.

GS = Galvanized Steel

SS = Stainless Steel

Al = Aluminum

Cu = Copper

RB = Red Brass

Trane - by Trane Technologies (NYSE: TT), a global climate innovator - creates comfortable, energy efficient indoor environments for commercial and residential applications. For more information, please visit trane.com or tranetechnologies.com.

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