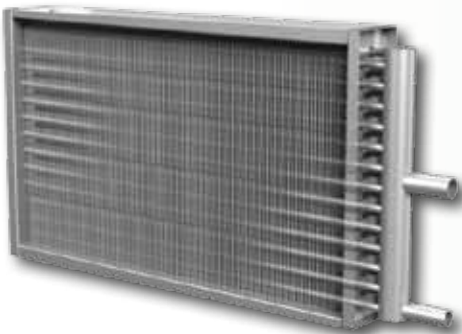




Model DS Steam Coil

- Distributing steam heating coils are used in a variety of industrial ventilation and process drying applications
- Typically utilized in applications that may see freezing air temperatures and/or with modulating steam pressure
- Configured with connections on the same end of the coil
- All TIG welded tubeside construction
- ASME 'U' stamp or CRN construction available upon request



Tube Material

7/8" x 0.049" wall 304L or 316L stainless steel
 7/8" x 0.083" wall 304L or 316L stainless steel
 7/8" x 0.109" wall steel

Fin Material

0.025" or 0.016" thick half-hard temper aluminum
 0.025" or 0.016" thick half-hard temper copper
 0.010" thick 304 or 316 stainless steel
 0.012" thick carbon steel

Fin Spacing

2.5 to 11 fins per inch spacing

Case Types

- Standard
- Baffled
- Air Tight
- Slide-out
- Pitched

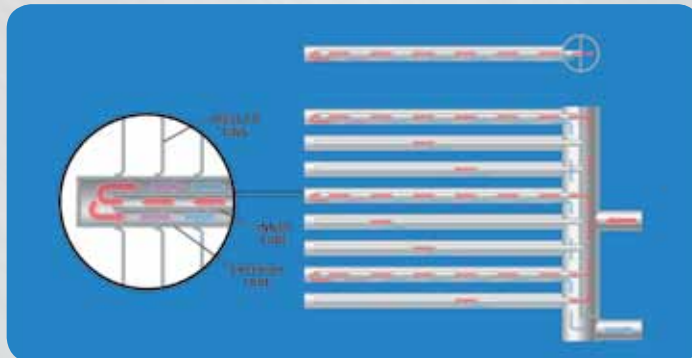
Case Materials

16ga. to 1/4" 304L or 316L stainless steel
 16ga. to 7ga. galvanized steel
 Other materials upon request

Model DS Steam Coil

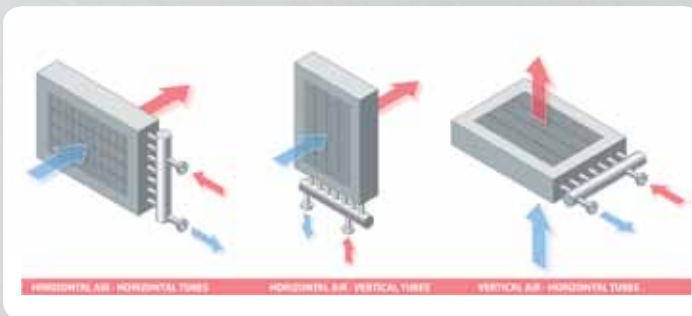
■ STEAM FLOW

- General purpose steam coils with added protection against freezing
- Steam is distributed to the far end of the coil through the inner tube
- The returning vapor condenses in the outer annular area
- The warm steam vapor in the inner tubes keeps the condensate from freezing
- Recommended for entering air temperatures below 40°F



■ CONFIGURATIONS

- Horizontal Air Flow with Horizontal Tubes
- Horizontal Air Flow with Vertical Tubes
- Vertical Air Flow with Horizontal Tubes



Advanced

Coil



Peace of Mind

Our 5-Year Warranty. Durable. Reliable. Proven.

Peace of Mind, our 5-Year warranty, demonstrates our products are engineered to perform and built to last. Since 1995 we have stood behind our work. Durable. Reliable. Proven. Ultimately, this is about your peace of mind. Contact us today to learn more.

Reasons Why Our Warranty Holds Up

PRESS-FIT FINS & UNEXPANDED TUBE

- Very strong fin-to-tube bond with excellent heat transfer.
- Tubes remain in "mill-direct," most desirable annealed and corrosion resistant condition.
- Tubes are never expanded or grooved.
- No manufacturing stresses are added.

FREE-FLOATING, SEGMENTED PLATE DESIGN

- Coils constructed using multiple segmented fin bundles.
- Accommodates unequal thermal expansion and contraction between the fins and headers.
- Critical in medium to high temperature and/or pressure applications.

