Advanced Coil

Fluid Coils

Advanced Coil fluid to air/gas coils are designed to suit a wide variety of applications and are built to accommodate the rigors of industrial process applications, including high temperatures, high pressures and corrosive environments.

Applications

- Comfort cooling
- Dehumidification
- Heat recovery
- Drying
- Heating
- Process heating or cooling

Fluid mediums

- Heated/chilled water
- Glycol/water solutions
- Process fluid streams
- Cooling tower water
- River, lake, or pond water

Configurations

- Same end or opposite end connections
- Standard headers or removable headers to accommodate tube fouling
- Custom engineered
- Replacement coils to dimensionally match most manufacture's coils
- ASME 'U' stamp or CRN construction available upon request.

2929 West Park Drive | Owatonna, MN 55060 | 507-451-0130 | advancedcoiltechnology.com

Fluid Coils

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
- Air Tight
- Baffled
- Slide-out

Case Materials
16ga. to 1/4" 304L or 316L stainless steel
16ga. to 7ga. galvanized steel
16ga. to 1" carbon steel
0.060" to 1/4" aluminum

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 groved.
- 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.

2929 West Park Drive | Owatonna, MN 55060 | 507-451-0130 | advancedcoiltechnology.com