



## Housings

Advanced Coil offers several types of housings to accommodate virtually any application regardless of operating temperatures, pressures or environmental conditions. These units are all custom manufactured to meet your application requirements.

### HOUSING TYPES

- **Slide-Out Housings**

Slide-out housings are used in applications where coil(s) need to be easily removed, without disrupting the duct work, to facilitate inspection, cleaning or replacement.

- **Airtight Housings**

Airtight housings are built to ensure that there is no cross-contamination between the process air stream and the environment.

### DESIGN FEATURES

- **Pressure Sealing**

Welded housings can be designed to accommodate a range of pressures from a full vacuum to over 100 psig.

Lower pressure/non-critical housings may utilize a bolted type of construction with gasketed and/or silicone caulked joints.

- **ASME Pressure Vessel Construction**

Housings built and “U” stamped in accordance with Section VIII, Division 1 of the ASME Pressure Vessel Code are available, when required, on all of our welded custom high pressure housings. All items may also be National Board registered or CRN stamped if required or requested.

- **Airside Transitions**

Transitions can be designed with square, rectangle or round openings. High pressure housings are generally transitioned to round welded or flanged connection.

# Housings

## Case Materials

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

## Optional Features

- Inspection and Access Panels
- Drip pans for condensate and/or cleaning solution collection
- Structural legs
- Custom mounting configurations
- Lifting and installation brackets
- Support structures
- Face and bypass dampers
- Integrated filter sections



**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.

