

## 304 Stainless Steel

The ultimate in corrosion protection for all applications, including offshore.

*Available for all InPac and AirPak AC systems*



### Features and Benefits

- Reduces/eliminates the potential for degradation of components in highly corrosive atmospheres
- Often required for use in offshore applications
- Helps to reduce and potentially eliminate the need for additional on-site protection
- Drastically reduces maintenance time, repairs, and downtime

### Other Available Options

- Galvanized steel with powder coat finish
- 304 stainless steel
- Aluminum (available on some models)

### Providing a protective barrier for your AC system

Type 316 stainless steel is the most corrosion resistant of all metals and finishes offered by Specific Systems. Type 316 stainless steel is in the family of austenitic alloys of stainless steel that exhibits excellent corrosion resistant properties, especially when maintained annually. Like Type 304 stainless steel, Type 316 is resistant to oxidation in non-chloride environments, but offers an additional level of corrosion resistance, specially designed for chloride and highly sulfuric environments.

Type 316 stainless steel is standard 18/10, designating the inclusion of 18% chromium and 10% nickel, with a mixture of other metals. The chromium, infused during manufacture of the material, creates an invisible layer on the surface of the steel to prevent rusting. What give Type 316 stainless the extra corrosion resistance is the addition of molybdenum to the alloy, which helps to resist pitting and crevice corrosion sometimes found in Type 304. Type 316 stainless steel is also non-magnetic. Stainless steel is 100% recyclable and has an extremely long useful life, so it is an excellent choice for companies looking to decrease their impact on the environment. Specific Systems Type 316 cabinets are constructed using 16-gauge type 316 stainless steel with a bright, unpolished 2B milled finish. This finish is smooth enough to resist particle adhesion and is easily maintained.

As a standard feature, 12-gauge type 316 stainless steel is used inside the cabinet as mounts for motors to increase the level of corrosion resistance throughout the unit.

Specific Systems also offers Type 304 stainless steel for applications not requiring the added chloride protection inherent in Type 316