

MATERIAL SPECIFICATIONS FOR STAINLESS STEEL JUNCTION BOX

Provide Stainless Steel Junction Box that conforms to the following specifications:

- A. General
 - 1. Ensure Stainless Steel Junction Box is rated for use in outdoor corrosive environments and provide water-tight seal.
- B. Standards and Certifications
 - 1. UL 508A Listed
 - 2. NEMA Type 4X
 - 3. IEC 60529, IP66
- C. Specifications
 - 1. Material
 - a. 14 gauge Type 304 Stainless Steel body and door
 - b. Unpainted brushed finish
 - 2. Sizing
 - a. Nominal Dimensions
 - 1) Minimum: 16" H x 12" W x 8" D
 - 2) Maximum: 48" H x 36" W x 18" D
 - 3. Other Characteristics
 - a. Continuously welded smooth seams
 - b. Single door, and seamless foam-in-place gasket or neoprene gasket attached to door with oil resistant adhesive
 - c. Rolled lip around three sides of door
 - d. Screw-down clamps
 - e. Stainless Steel door clamp assembly
 - f. Hasp and staple for padlocking
 - g. Bonding and grounding provisions