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## Type 4X Stainless Steel Junction Box *Eclipse Junior Series*

Continuous Hinge Door with Quarter Turn



### Application

- Designed for use as instrument enclosures, electric, hydraulic or pneumatic control housings, electrical junction boxes or terminal wiring enclosures.
- Provides protection where equipment may be hosed down or otherwise be very wet, or in specific applications where corrosion may be a problem.
- For high temperature applications, a gasket retainer may be required, please refer to factory.

### Standards

- UL 508A Type 3R, 4, 4X, 12, and 13
- CSA Type 3R, 4, 4X, 12, and 13
- Complies with
  - NEMA Type 3R, 4, 4X, 12 and 13
  - JIC EGP-1-1967
  - IEC 60529, IP66

### Construction

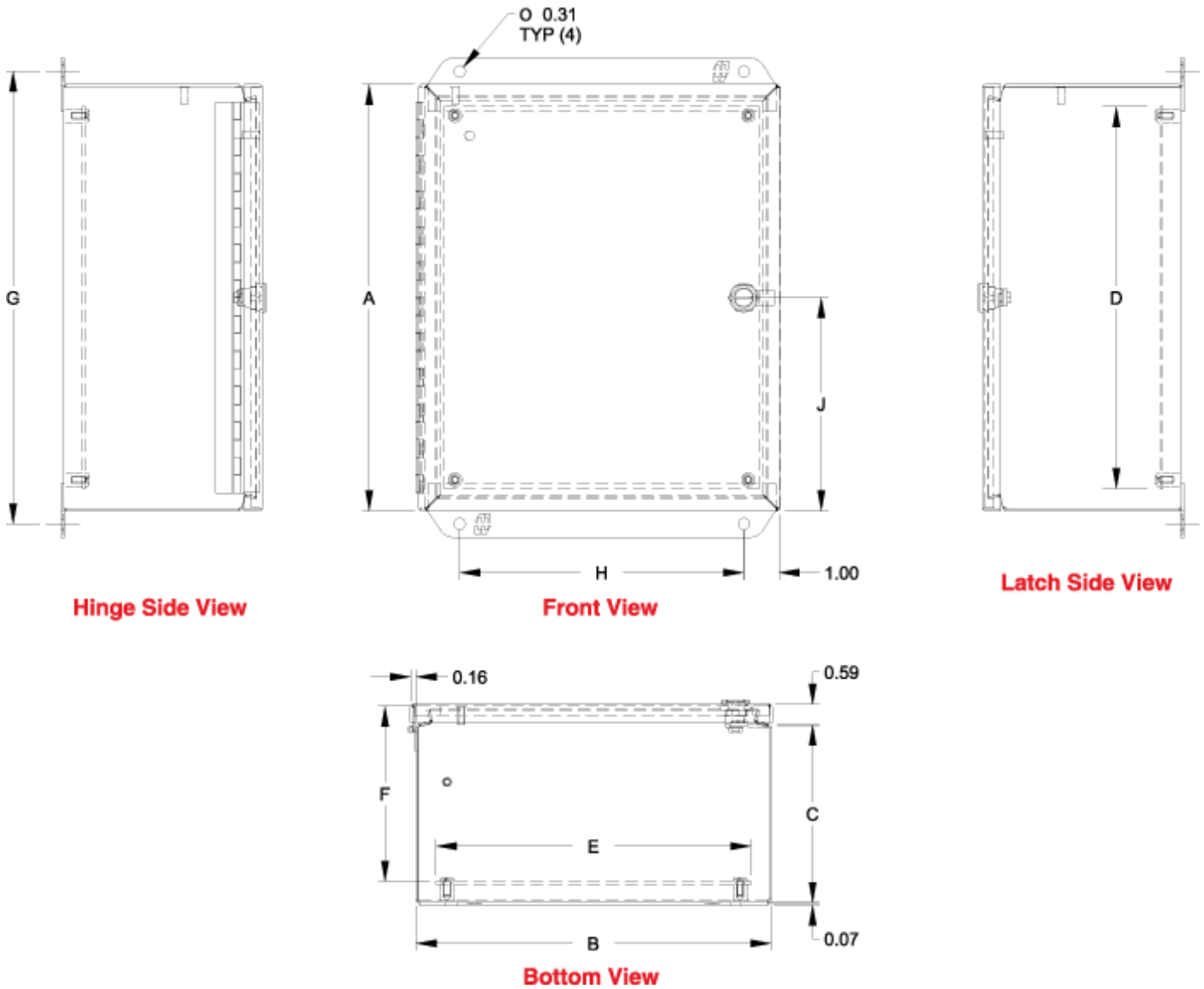
- Body and cover are formed from 16 gauge 304 or 316 stainless steel.
- Smooth, continuously welded seams without knockouts, cutouts, or holes.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- 14 gauge welded brackets provide for enclosure mounting.
- Continuously hinged cover has stainless steel hinges and provides 180° opening.
- Door latches feature the added safety of quarter turn slot requiring use of tool for opening.
- Quarter turn latches formed from 316 stainless steel.
- Seamless poured-in place gasket.
- Models larger than 4"x4" include a removable 14 gauge galvanized inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided on the enclosure.
- Grounding and panel mounting hardware provided.

### Finish

- Cover and enclosure are natural stainless steel with a smooth brushed finish.
- Removable inner panel is unpainted galvanized steel.

### Accessories

- Inner Panels
- Filtered Fans
- Padlock Adaptor
- Temperature Controls and Accessories
- Ventilation
- Type 1 Louvered Ventilating Plates
- Terminal Kit Assemblies
- Window Kits



| 304 S.S.<br>Part No. | 316 S.S.<br>Part No. | Overall Dimensions |       |      | Panel Size |       |      |       |       |      |
|----------------------|----------------------|--------------------|-------|------|------------|-------|------|-------|-------|------|
|                      |                      | A                  | B     | C    | D          | E     | F    | G     | H     | J    |
| EJ443SS              | EJ443S16             | 4.00               | 4.00  | 3.00 | N/A        | N/A   | 2.92 | 4.75  | 2.00  | 2.00 |
| EJ444SS              | EJ444S16             | 4.00               | 4.00  | 4.00 | N/A        | N/A   | 4.00 | 4.75  | 2.00  | 2.00 |
| EJ643SS              | EJ643S16             | 6.00               | 4.00  | 3.00 | 4.88       | 2.88  | 2.92 | 6.75  | 2.00  | 3.00 |
| EJ863SS              | EJ863S16             | 8.00               | 6.00  | 3.50 | 6.75       | 4.88  | 3.42 | 8.75  | 4.00  | 4.00 |
| EJ644SS              | EJ644S16             | 6.00               | 4.00  | 4.00 | 4.88       | 2.88  | 3.92 | 6.75  | 2.00  | 3.00 |
| EJ664SS              | EJ664S16             | 6.00               | 6.00  | 4.00 | 4.88       | 4.88  | 3.92 | 6.75  | 4.00  | 3.00 |
| EJ884SS              | EJ884S16             | 8.00               | 8.00  | 4.00 | 6.75       | 6.88  | 3.92 | 8.75  | 6.00  | 4.00 |
| EJ1084SS             | EJ1084S16            | 10.00              | 8.00  | 4.00 | 8.75       | 6.88  | 3.92 | 10.75 | 6.00  | 5.00 |
| EJ1264SS             | EJ1264S16            | 12.00              | 6.00  | 4.00 | 10.75      | 4.88  | 3.92 | 12.75 | 4.00  | 6.00 |
| EJ12124SS            | EJ12124S16           | 12.00              | 12.00 | 4.00 | 10.75      | 10.88 | 3.92 | 12.75 | 10.00 | 6.00 |
| EJ12105SS            | EJ12105S16           | 12.00              | 10.00 | 5.00 | 10.75      | 8.88  | 4.92 | 12.75 | 8.00  | 6.00 |
| EJ866SS              | EJ866S16             | 8.00               | 6.00  | 6.00 | 6.75       | 4.88  | 5.92 | 8.75  | 4.00  | 4.00 |
| EJ1086SS             | EJ1086S16            | 10.00              | 8.00  | 6.00 | 8.75       | 6.88  | 5.92 | 10.75 | 6.00  | 5.00 |
| EJ10106SS            | EJ10106S16           | 10.00              | 10.00 | 6.00 | 8.75       | 8.88  | 5.92 | 10.75 | 8.00  | 5.00 |
| EJ12106SS            | EJ12106S16           | 12.00              | 10.00 | 6.00 | 10.75      | 8.88  | 5.92 | 12.75 | 8.00  | 6.00 |
| EJ12126SS            | EJ12126S16           | 12.00              | 12.00 | 6.00 | 10.75      | 10.88 | 5.92 | 12.75 | 10.00 | 6.00 |
| EJ14126SS            | EJ14126S16           | 14.00              | 12.00 | 6.00 | 12.75      | 10.88 | 5.92 | 14.75 | 10.00 | 7.00 |
| EJ16146SS            | EJ16146S16           | 16.00              | 14.00 | 6.00 | 14.75      | 12.88 | 5.92 | 16.75 | 12.00 | 8.00 |
| EJ12108SS            | EJ12108S16           | 12.00              | 10.00 | 8.00 | 10.75      | 8.88  | 7.92 | 12.75 | 8.00  | 6.00 |
| EJ14128SS            | EJ14128S16           | 14.00              | 12.00 | 8.00 | 12.75      | 10.88 | 7.92 | 14.75 | 10.00 | 7.00 |
| EJ16148SS            | EJ16148S16           | 16.00              | 14.00 | 8.00 | 14.75      | 12.88 | 7.92 | 16.75 | 12.00 | 8.00 |

| 304 S.S.<br>Part No. | 316 S.S.<br>Part No. | Overall Dimensions |       |       | Panel Size |       |      |       |       |      |
|----------------------|----------------------|--------------------|-------|-------|------------|-------|------|-------|-------|------|
|                      |                      | A                  | B     | C     | D          | E     | F    | G     | H     | J    |
| EJ161410SS           | EJ161410S16          | 16.00              | 14.00 | 10.00 | 14.75      | 12.88 | 9.92 | 16.75 | 12.00 | 8.00 |

Data subject to change without notice

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