



## 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.

## Standards



## Construction

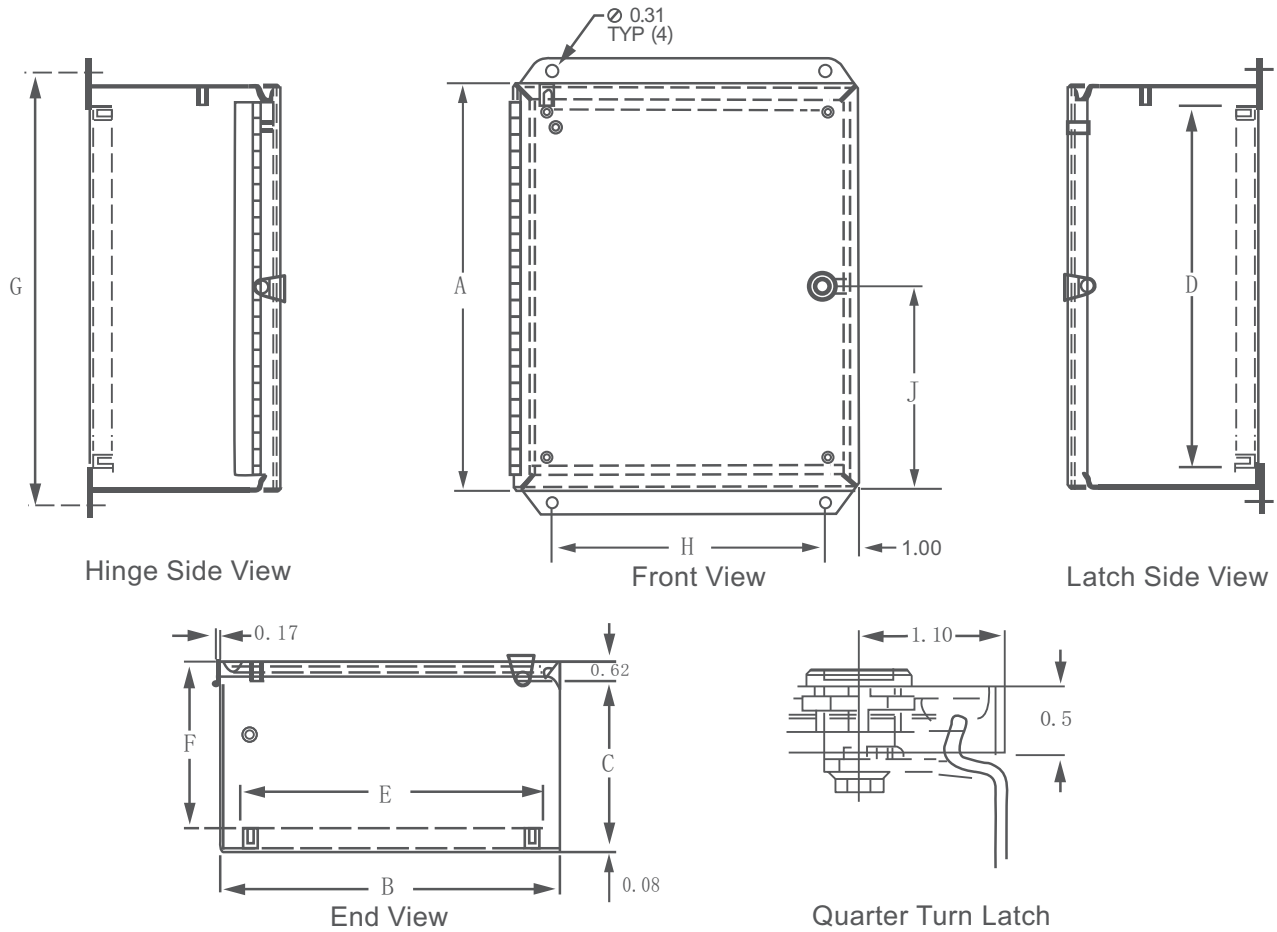


- Formed from 0.08 Type 5052 H-32 aluminum.
- Smooth, continuously welded seams without knockouts, cutouts, or holes.
- Formed lip on enclosure to exclude flowing liquids and contaminants.
- Welded brackets provide for enclosure mounting.
- Continuously hinged cover has aluminum hinge and provides 180° 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" x 4" 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 unfinished aluminum.
- Removable inner panel is unpainted galvanized steel.

# Aluminum Junction Box



| Part No.   | Overall Dimensions(inch) |       |       | Panel Size(inch) |       |      |       |       |      |
|------------|--------------------------|-------|-------|------------------|-------|------|-------|-------|------|
|            | A                        | B     | C     | D                | E     | F    | G     | H     | J    |
| DJ443AL    | 4.00                     | 4.00  | 3.00  | N/A              | N/A   | -    | 4.75  | 2.00  | 2.00 |
| DJ643AL    | 6.00                     | 4.00  | 3.00  | 4.88             | 2.88  | 2.82 | 6.75  | 2.00  | 3.00 |
| DJ863AL    | 8.00                     | 6.00  | 3.50  | 6.75             | 4.88  | 3.32 | 8.75  | 4.00  | 4.00 |
| DJ444AL    | 4.00                     | 4.00  | 4.00  | N/A              | N/A   | -    | 4.75  | 2.00  | 2.00 |
| DJ644AL    | 6.00                     | 4.00  | 4.00  | 4.88             | 2.88  | 3.82 | 6.75  | 2.00  | 3.00 |
| DJ664AL    | 6.00                     | 6.00  | 4.00  | 4.88             | 4.88  | 3.82 | 6.75  | 4.00  | 3.00 |
| DJ884AL    | 8.00                     | 8.00  | 4.00  | 6.75             | 6.88  | 3.82 | 8.75  | 6.00  | 4.00 |
| DJ1084AL   | 10.00                    | 8.00  | 4.00  | 8.75             | 6.88  | 3.82 | 10.75 | 6.00  | 5.00 |
| DJ1264AL   | 12.00                    | 6.00  | 4.00  | 10.75            | 4.88  | 3.82 | 12.75 | 4.00  | 6.00 |
| DJ12124AL  | 12.00                    | 12.00 | 4.00  | 10.75            | 10.88 | 3.82 | 12.75 | 10.00 | 6.00 |
| DJ12105AL  | 12.00                    | 10.00 | 5.00  | 10.75            | 8.88  | 4.82 | 12.75 | 8.00  | 6.00 |
| DJ866AL    | 8.00                     | 6.00  | 6.00  | 6.75             | 4.88  | 5.82 | 8.75  | 4.00  | 4.00 |
| DJ1086AL   | 10.00                    | 8.00  | 6.00  | 8.75             | 6.88  | 5.82 | 10.75 | 6.00  | 5.00 |
| DJ10106AL  | 10.00                    | 10.00 | 6.00  | 8.75             | 8.88  | 5.82 | 10.75 | 8.00  | 5.00 |
| DJ12106AL  | 12.00                    | 10.00 | 6.00  | 10.75            | 8.88  | 5.82 | 12.75 | 8.00  | 6.00 |
| DJ12126AL  | 12.00                    | 12.00 | 6.00  | 10.75            | 10.88 | 5.82 | 12.75 | 10.00 | 6.00 |
| DJ14126AL  | 14.00                    | 12.00 | 6.00  | 12.75            | 10.88 | 5.82 | 14.75 | 10.00 | 7.00 |
| DJ16146AL  | 16.00                    | 14.00 | 6.00  | 14.75            | 12.88 | 5.82 | 16.75 | 12.00 | 8.00 |
| DJ12108AL  | 12.00                    | 10.00 | 8.00  | 10.75            | 8.88  | 7.82 | 12.75 | 8.00  | 6.00 |
| DJ14128AL  | 14.00                    | 12.00 | 8.00  | 12.75            | 10.88 | 7.82 | 14.75 | 10.00 | 7.00 |
| DJ16148AL  | 16.00                    | 14.00 | 8.00  | 14.75            | 12.88 | 7.82 | 16.75 | 12.00 | 8.00 |
| DJ161410AL | 16.00                    | 14.00 | 10.00 | 14.75            | 12.88 | 9.82 | 16.75 | 12.00 | 8.00 |