

## **Type 4X Aluminum Junction Box** 1414 N4 AL Series

Lift-Off Cover with Clamps



### **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 is a problem.

### **Standards**

- UL 508 Type 4, 4X, 12 and 13
- CSA Type 4, 4X, 12 and 13
- Complies with
  - NEMA Type 4, 4X, 12 and 13
  - IEC 60529, IP66

### **Construction**

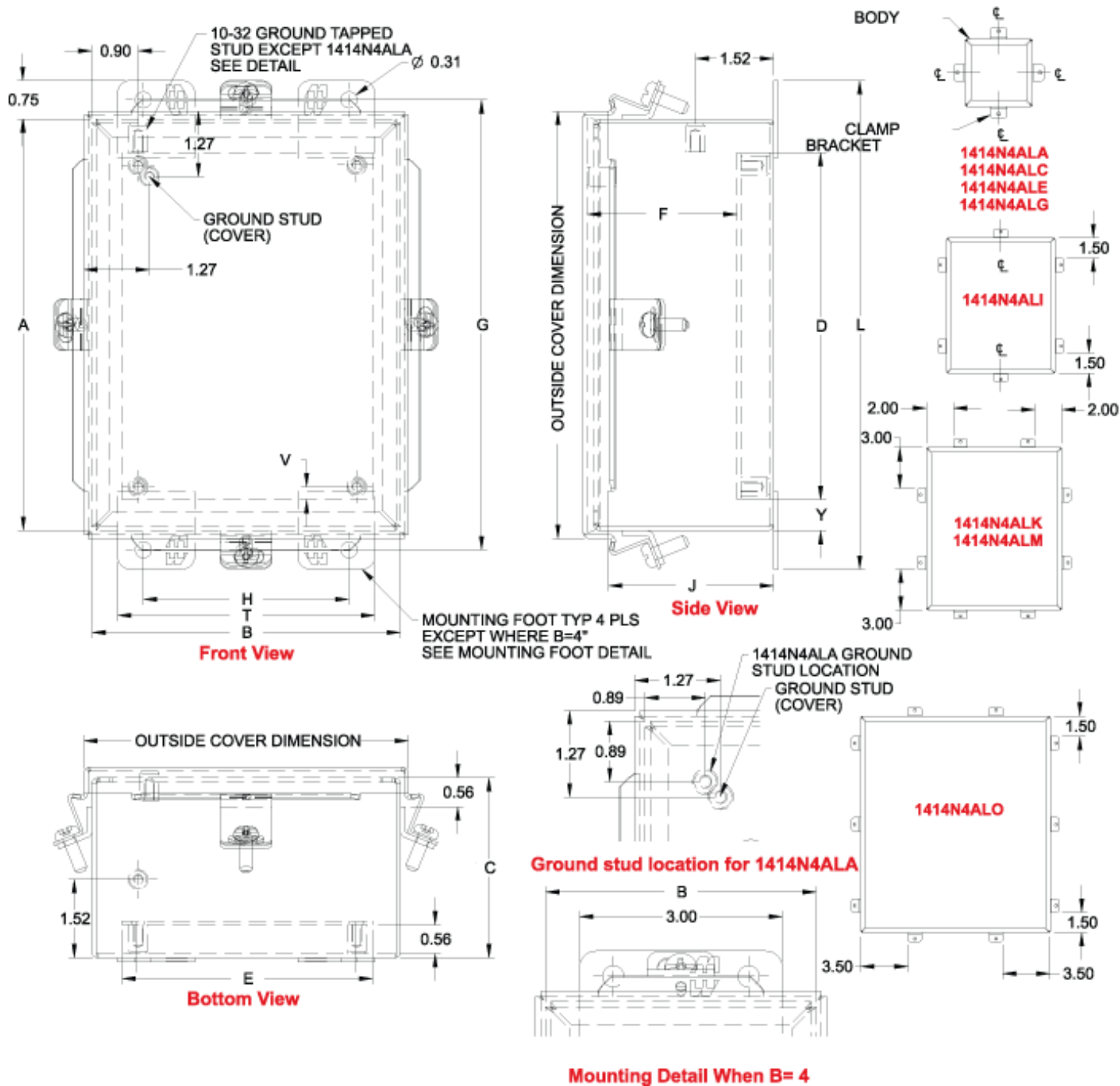
- Formed from 0.08" Type 5052 H-32 aluminum.
- Smooth, continuously welded seams without knockouts, cutouts or holes.
- Welded brackets provide for enclosure mounting.
- Cover is secured with easily operated aluminum clamps.
- Seamless poured-in place gasket.
- All models larger than 4" x 4" include a removable 14 gauge inner panel.
- Tapped studs are provided for mounting inner panels.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.

### **Finish**

- Cover and enclosure are natural unfinished aluminum.
- Removable inner panel is finished in white powder coating.

### **Accessories**

- Inner Panels
- Door Clamping Hardware
- Terminal Kit Assemblies
- Swing Panel Kit
- Ventilation
- Heaters
- Temperature Controls



| Part No.    | Panel Dimensions |       |       |       |       |      |       | Centers |      |       | Cover Dimensions |       | Ship Wt. |      |      |       |
|-------------|------------------|-------|-------|-------|-------|------|-------|---------|------|-------|------------------|-------|----------|------|------|-------|
|             | A                | B     | C     | D     | E     | F    | G     | H       | J    | L     |                  |       | T        | V    | Y    | (lbs) |
| 1414N4ALA   | 4.00             | 4.00  | 3.00  | -     | -     | -    | 4.75  | 2.00    | 2.60 | 5.50  | 4.31             | 4.31  | 3.00     | -    | -    | 1     |
| 1414N4ALC   | 6.00             | 4.00  | 3.00  | 4.88  | 2.88  | 2.50 | 6.75  | 2.00    | 2.60 | 7.50  | 6.31             | 4.31  | 3.00     | 0.31 | 0.56 | 2     |
| 1414N4ALE   | 6.00             | 6.00  | 4.00  | 4.88  | 4.88  | 3.50 | 6.75  | 4.00    | 3.60 | 7.50  | 6.31             | 6.31  | 5.00     | 0.31 | 0.56 | 3     |
| 1414N4ALG   | 8.00             | 6.00  | 3.50  | 6.75  | 4.88  | 3.00 | 8.75  | 4.00    | 3.10 | 9.50  | 8.31             | 6.31  | 5.00     | 0.25 | 0.63 | 3     |
| 1414N4ALI   | 10.00            | 8.00  | 4.00  | 8.75  | 6.88  | 3.50 | 10.75 | 6.00    | 3.60 | 11.50 | 10.31            | 8.31  | 7.00     | 0.25 | 0.63 | 5     |
| 1414N4ALK   | 12.00            | 10.00 | 5.00  | 10.75 | 8.88  | 4.50 | 12.75 | 8.00    | 4.60 | 13.50 | 12.31            | 10.31 | 9.00     | 0.25 | 0.63 | 8     |
| 1414N4ALM6  | 14.00            | 12.00 | 6.00  | 12.75 | 10.88 | 5.50 | 14.75 | 10.00   | 5.60 | 15.50 | 14.31            | 12.31 | 11.00    | 0.25 | 0.63 | 10    |
| 1414N4ALO6  | 16.00            | 14.00 | 6.00  | 14.75 | 12.88 | 5.50 | 16.75 | 12.00   | 5.60 | 17.50 | 16.31            | 14.31 | 13.00    | 0.25 | 0.63 | 13    |
| 1414N4ALM8  | 14.00            | 12.00 | 8.00  | 12.75 | 10.88 | 7.50 | 14.75 | 10.00   | 7.60 | 15.50 | 14.31            | 12.31 | 11.00    | 0.25 | 0.63 | 11    |
| 1414N4ALO10 | 16.00            | 14.00 | 10.00 | 14.75 | 12.88 | 9.50 | 16.75 | 12.00   | 9.60 | 17.50 | 16.31            | 14.31 | 13.00    | 0.25 | 0.63 | 15    |

