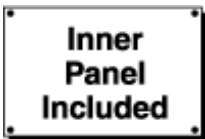


## **Type 1 Mild Steel Wallmount Enclosure** *N1A Series*

### **Hinge Door with Quarter Turn**



### **Application**

- Designed for indoor use to house controls, instruments and components not requiring oil-tight or dust-tight protection.

### **Standards**

- UL 50 Type 1
- CSA Type 1
- Complies with
  - NEMA Type 1
  - IEC 60529, IP20

### **Construction**

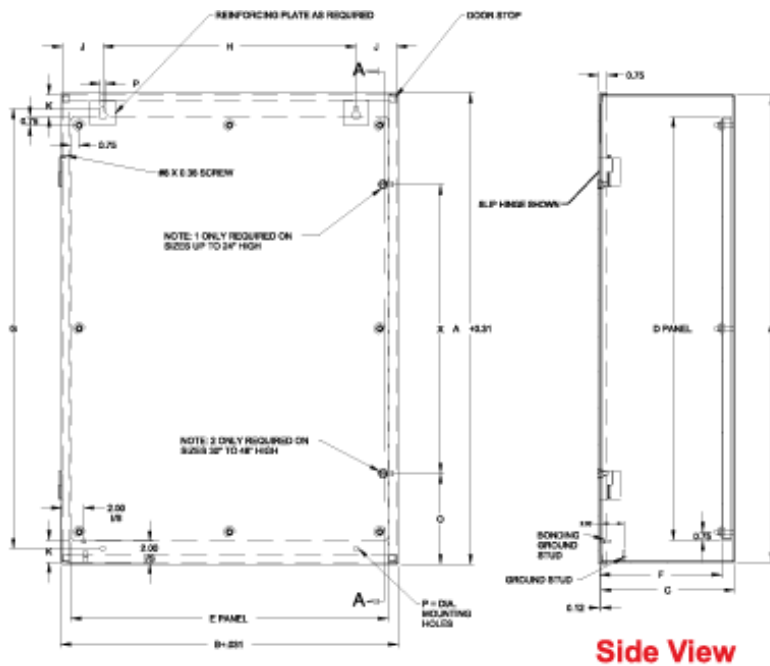
- Enclosure is formed and spot welded from 12 or 14 gauge steel.
- Removable 12 or 14 gauge inner panel is mounted in the rear of the enclosure on collar studs.
- Removable door is mounted on slip hinges.
- Door is fastened with a slotted quarter turn latch; doors 30" and higher are provided with two latches.
- A bonding stud is provided on the door and a grounding stud is provided in the box.
- Mounting holes are provided in the rear of the enclosure.
- Piano hinge on 12 gauge units.

### **Finish**

- Enclosure and door are finished in ANSI 61 gray powder coating.
- Inner panel is finished in white powder coating.

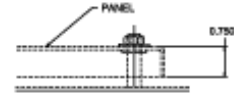
### **Accessories**

- Panels for N1A Series Enclosures
- Type 1 Lock Kit
- Window Kits
- Perforated Panels for N1A Series Enclosures
- Ventilation
- Padlock Adaptor

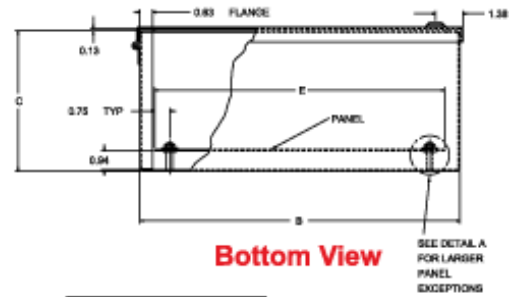


Front View

Side View



Detail A  
Typ. for N1A423012,  
N1A423612  
and N1A483612



| When A= | X=    |
|---------|-------|
| 30      | 18.00 |
| 36      | 22.00 |
| 42      | 26.00 |
| 48      | 30.00 |

| Part No.               | Dimensions |       |       | Panel Size |       | Panel Gauge | No. of Studs | Mounting Dimensions |       |      |      |      | Panel Clearance |      |      | Ship Wt. lbs |
|------------------------|------------|-------|-------|------------|-------|-------------|--------------|---------------------|-------|------|------|------|-----------------|------|------|--------------|
|                        | A          | B     | C     | D          | E     |             |              | G                   | H     | J    | Q    | P    | F               | K    | O    |              |
| N1A16127               | 16.00      | 12.00 | 7.00  | 13.00      | 10.50 | 14.00       | 4.00         | 13.88               | 7.00  | 2.50 | 1.06 | 0.31 | 6.04            | 1.50 | -    | 25           |
| N1A16167               | 16.00      | 16.00 | 7.00  | 13.00      | 14.50 | 14.00       | 4.00         | 13.88               | 11.00 | 2.50 | 1.06 | 0.31 | 6.04            | 1.50 | -    | 30           |
| N1A16207               | 16.00      | 20.00 | 7.00  | 13.00      | 18.50 | 14.00       | 4.00         | 13.88               | 15.00 | 2.50 | 1.06 | 0.31 | 6.04            | 1.50 | -    | 36           |
| N1A20167               | 20.00      | 16.00 | 7.00  | 17.00      | 14.50 | 14.00       | 4.00         | 17.88               | 11.00 | 2.50 | 1.06 | 0.31 | 6.04            | 1.50 | -    | 37           |
| N1A20207               | 20.00      | 20.00 | 7.00  | 17.00      | 18.50 | 14.00       | 4.00         | 17.88               | 15.00 | 2.50 | 1.06 | 0.31 | 6.04            | 1.50 | -    | 43           |
| N1A24167               | 24.00      | 16.00 | 7.00  | 21.00      | 14.50 | 14.00       | 4.00         | 21.88               | 11.00 | 2.50 | 1.06 | 0.31 | 6.04            | 1.50 | -    | 43           |
| N1A24207               | 24.00      | 20.00 | 7.00  | 21.00      | 18.50 | 14.00       | 4.00         | 21.88               | 15.00 | 2.50 | 1.06 | 0.31 | 6.04            | 1.50 | -    | 51           |
| N1A24247               | 24.00      | 24.00 | 7.00  | 21.00      | 22.50 | 12.00       | 4.00         | 21.88               | 19.00 | 2.50 | 1.06 | 0.31 | 6.01            | 1.50 | -    | 67           |
| N1A30207               | 30.00      | 20.00 | 7.00  | 26.00      | 18.50 | 12.00       | 6.00         | 27.50               | 12.75 | 3.63 | 1.25 | 0.44 | 6.01            | 2.00 | 6.16 | 67           |
| N1A30247               | 30.00      | 24.00 | 7.00  | 26.00      | 22.50 | 12.00       | 6.00         | 27.50               | 16.75 | 3.63 | 1.25 | 0.44 | 6.01            | 2.00 | 6.16 | 80           |
| N1A36247               | 36.00      | 24.00 | 7.00  | 32.00      | 22.50 | 12.00       | 6.00         | 33.50               | 16.75 | 3.63 | 1.25 | 0.44 | 6.01            | 2.00 | 7.16 | 94           |
| N1A36307               | 36.00      | 30.00 | 7.00  | 32.00      | 28.50 | 12.00       | 8.00         | 33.50               | 22.75 | 3.63 | 1.25 | 0.44 | 6.01            | 2.00 | 7.16 | 114          |
| N1A16129               | 16.00      | 12.00 | 9.00  | 13.00      | 10.50 | 14.00       | 4.00         | 13.88               | 7.00  | 2.50 | 1.06 | 0.31 | 8.04            | 1.50 | -    | 27           |
| N1A20169               | 20.00      | 16.00 | 9.00  | 17.00      | 14.50 | 14.00       | 4.00         | 17.88               | 11.00 | 2.50 | 1.06 | 0.31 | 8.04            | 1.50 | -    | 31           |
| N1A20209               | 20.00      | 20.00 | 9.00  | 17.00      | 18.50 | 14.00       | 4.00         | 17.88               | 15.00 | 2.50 | 1.06 | 0.31 | 8.04            | 1.50 | -    | 47           |
| N1A20249               | 20.00      | 24.00 | 9.00  | 17.00      | 22.50 | 14.00       | 4.00         | 17.88               | 19.00 | 2.50 | 1.06 | 0.31 | 8.04            | 1.50 | -    | 55           |
| N1A24209               | 24.00      | 20.00 | 9.00  | 21.00      | 18.50 | 14.00       | 4.00         | 21.88               | 15.00 | 2.50 | 1.06 | 0.31 | 8.04            | 1.50 | -    | 55           |
| N1A24249               | 24.00      | 24.00 | 9.00  | 21.00      | 22.50 | 12.00       | 4.00         | 21.88               | 19.00 | 2.50 | 1.06 | 0.31 | 8.01            | 1.50 | -    | 125          |
| N1A30209               | 30.00      | 20.00 | 9.00  | 26.00      | 18.50 | 12.00       | 6.00         | 27.50               | 12.75 | 3.63 | 1.25 | 0.44 | 8.01            | 2.00 | 6.16 | 72           |
| N1A30249               | 30.00      | 24.00 | 9.00  | 26.00      | 22.50 | 12.00       | 6.00         | 27.50               | 16.75 | 3.63 | 1.25 | 0.44 | 8.01            | 2.00 | 6.16 | 85           |
| N1A30309               | 30.00      | 30.00 | 9.00  | 26.00      | 28.50 | 12.00       | 8.00         | 27.50               | 22.75 | 3.63 | 1.25 | 0.44 | 8.01            | 2.00 | 6.16 | 102          |
| N1A36249               | 36.00      | 24.00 | 9.00  | 32.00      | 22.50 | 12.00       | 6.00         | 33.50               | 16.75 | 3.63 | 1.25 | 0.44 | 8.01            | 2.00 | 7.16 | 107          |
| N1A36309               | 36.00      | 30.00 | 9.00  | 32.00      | 28.50 | 12.00       | 8.00         | 33.50               | 22.75 | 3.63 | 1.25 | 0.44 | 8.01            | 2.00 | 7.16 | 120          |
| N1A42249               | 42.00      | 24.00 | 9.00  | 38.00      | 22.50 | 12.00       | 6.00         | 39.50               | 16.75 | 3.63 | 1.25 | 0.44 | 8.01            | 2.00 | 8.16 | 111          |
| N1A242012              | 24.00      | 20.00 | 12.00 | 21.00      | 18.50 | 14.00       | 4.00         | 21.88               | 15.00 | 2.50 | 1.06 | 0.31 | 11.04           | 1.50 | -    | 61           |
| N1A242412              | 24.00      | 24.00 | 12.00 | 21.00      | 22.50 | 12.00       | 4.00         | 21.88               | 19.00 | 2.50 | 1.06 | 0.31 | 11.01           | 1.50 | -    | 132          |
| N1A302412              | 30.00      | 24.00 | 12.00 | 26.00      | 22.50 | 12.00       | 6.00         | 27.50               | 16.75 | 3.63 | 1.25 | 0.44 | 11.01           | 2.00 | 6.16 | 94           |
| N1A363012              | 36.00      | 30.00 | 12.00 | 32.00      | 28.50 | 12.00       | 8.00         | 33.50               | 22.75 | 3.63 | 1.25 | 0.44 | 11.01           | 2.00 | 7.16 | 129          |
| N1A423012 <sup>1</sup> | 42.00      | 30.00 | 12.00 | 38.00      | 28.50 | 12.00       | 8.00         | 39.50               | 22.75 | 3.63 | 1.25 | 0.44 | 11.01           | 2.00 | 8.16 | 144          |
| N1A423612 <sup>1</sup> | 42.00      | 36.00 | 12.00 | 38.00      | 34.50 | 12.00       | 8.00         | 39.50               | 28.75 | 3.63 | 1.25 | 0.44 | 11.01           | 2.00 | 8.16 | 169          |
| N1A483612 <sup>1</sup> | 48.00      | 36.00 | 12.00 | 44.00      | 34.50 | 12.00       | 8.00         | 45.50               | 28.75 | 3.63 | 1.25 | 0.44 | 11.01           | 2.00 | 9.16 | 197          |

<sup>1</sup> 12 gauge construction

*Data subject to change without notice*

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