

Enclosures **N Series Wall Mount**

## **Fiberglass Enclosure 20 x 16 x 8 Inches N Series with Stainless Steel Hinged, Latched Opaque Cover**



**Catalog  
Number**

**N20168HWT**

**UPC**

**785928220128**

### **DESCRIPTION**

20H x 16W x 8D Inches N Series Fiberglass Enclosure with an "HWT" Opaque Cover (Type 4X, Stainless Steel Hinged, Latched Down) is designed to accommodate electrical, electronic, instrumentation and mechanical controls indoors and outdoors where corrosion resistant watertight enclosures are needed to provide protection against windblown dust and rain, splashing and hose directed water. The "N" designation reflects a NEMA range series of large capacity enclosures.

### **APPLICATION**

- Designed to accommodate electrical; electronic; instrumentation and mechanical controls
- Provides protection against windblown dust and rain; splashing; and hose-directed water
- Ideal for high temperature ranges and corrosion resistance when used in oil fields; mining; oil platforms; water/wastewater and general processing controls
- Maximize available space for electrical; hydraulic; or mechanically controlled circuits



## FEATURES

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- Opaque Cover
- Chemically resistant fiberglass reinforced polyester
- Memory retaining; polyurethane gasket
- 304 stainless steel hardware
- Integral mounting feet
- Molded-in panel mounting inserts or studs
- High temperature; flame retardant; noncorrosive; environmental designs
- Manufactured with SolarGuard®, Stahlin's proprietary formulation of non-halogenated fiberglass, offering superior resistance to outdoor exposure, chemicals and flames.
- Back Panels Available for all sizes

## General Information

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|                               |                                                |
|-------------------------------|------------------------------------------------|
| Color                         | Gray                                           |
| Cover Type                    | Opaque                                         |
| Mounting Type                 | Wall Mount                                     |
| Material                      | Fiberglass                                     |
| Back Panel Screw Size         | 3/8-16 x 1/2                                   |
| Back Panel Recommended Torque | 28-32 in-lbs                                   |
| Back Panel Screw Material     | 304 SS                                         |
| Installation Mounting Torque  | 80 in-lbs Max                                  |
| Metal Inserts                 | Brass                                          |
| Hinge Material                | 304 SS                                         |
| Latch Material                | 304 SS                                         |
| Gasket Material               | Poured In Place (PIP)<br>Polyurethane Seamless |
| Country of Origin             | USA                                            |

## DIMENSIONS

|                   |         |
|-------------------|---------|
| Height (in)       | 22.75   |
| Width (in)        | 16.87   |
| Depth (in)        | 10.27   |
| Height (mm)       | 577.85  |
| Width (mm)        | 428.498 |
| Depth (mm)        | 260.858 |
| Usable Depth (in) | 8.26    |
| Usable Depth (mm) | 210     |

## STANDARDS

|                                   |                           |
|-----------------------------------|---------------------------|
| NEMA 10250; UL 50; UL 50e; UL508A | cULus Listed File #E64358 |
| CSA Std. C22.2                    | cULus Listed File #E64358 |
| Type                              | 1; 3; 3R; 4; 4X; 12       |
| IEC 60529; UL Listed #E362920     | IP66                      |
| UL1741                            | UL Listed File #E333478   |
| Temperature Range °F              | -76°F to +274°F           |
| Temperature Range °C              | -60°C to +134°C           |
| IEC 62262 Impact Rating Listed    | IK10 per File #E362920    |
| Flammability Rating               | UL94-5VA                  |
| NFPA No. 101 Flame Spread         | Class A(1)                |
| Outdoor Exposure UL746c           | (f1) Rated                |
| CE                                | Certified                 |