

Enclosures **N Series Wall Mount**

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



**Catalog  
Number**

**N20168FHLRT**

**UPC**

**785928220210**

### **DESCRIPTION**

20H x 16W x 8D Inches N Series Fiberglass Enclosure with an "FHLRT" Opaque Cover (Type 3R, Fiberglass Hinged, Through-the-Door Latches) is designed to accommodate electrical, electronic, instrumentation and mechanical controls indoors and outdoors where corrosion resistant watertight enclosures are needed to provide a degree of protection against falling rain and sleet; and are undamaged by the formation of ice on the enclosure. The "N" designation reflects a NEMA range series of large capacity enclosures.



### **APPLICATION**

- Designed to accommodate electrical; electronic; instrumentation and mechanical controls
- Provides a degree of protection against falling rain and sleet; undamaged by the formation of ice on the enclosure.
- 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
- Fiberglass reinforced; polyester material
- Memory retaining; polyurethane gasket
- 300 series stainless steel hardware
- Integral mounting feet
- Molded-in panel mounting inserts or studs
- High temperature; flame retardant; noncorrosive; environmental designs
- Padlockable
- 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	Glass Filled PBT
Latch Material	304 SS
Gasket Material	Poured In Place (PIP) Polyurethane Seamless
Country of Origin	USA

## DIMENSIONS

Height (in)	22.8
Width (in)	16.9
Depth (in)	10.3
Height (mm)	577.9
Width (mm)	428.5
Depth (mm)	260.9
Usable Depth (in)	8.3
Usable Depth (mm)	210.0

## STANDARDS

NEMA 10250; UL 50; UL 50e; UL508A	cULus Listed File #E64358
CSA Std. C22.2	cULus Listed File #E64358
Type	1; 3R
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