

Enclosures **Heartland Series**

## **Polycarbonate Enclosure 16 x 14 x 8 Inches Heartland with Opaque Cover, Weight Distribution Shelf**



**Catalog Number**

**AHWD16148**

**UPC**

**19156411979.0**

List Price

**\$381.07**

### **Description**

16H x 14W x 8D Heartland™ Series Opaque Cover Enclosure with an innovative weight distribution shelf provides an extremely rugged support system when adding heavy equipment in polycarbonate enclosures. Ideal for support when adding a power supply, battery, or heavy equipment which could potentially deflect the enclosure bottom wall.



### **Application**

This innovative weight distribution shelf provides an extremely rugged support system when adding heavy equipment in polycarbonate enclosures.

### **Features**

- Aluminum shelf supported by enclosure side walls reduces risk of deflection of the enclosure bottom wall when subjected to increased weight load
- Available in 7 SKUs designed for use with our polycarbonate enclosure sizes from 10"x10" to 24"x24"
- Constructed from strong, lightweight, corrosion resistant aluminum
- Fastening hardware included

- Flush-fit side mount swing panel and DIN rail system
- Molded in bosses
- Multi-directional mounting feet
- Single SKU with multiple cover attachment options

## General Information

|   |  |
|---|--|
| <b>Color</b>                                  | Gray   |
| <b>Cover Type</b>                             | Opaque   |
| <b>Material</b>                               | Polycarbonate                                  |
| <b>Back Panel Screw Size</b>                  | #10-32x3/8                                     |
| <b>Back Panel Recommended Torque</b>          | 16-20 in-lbs.                                  |
| <b>Back Panel Screw Material</b>              | Zinc Plated                                    |
| <b>Cover Screw Size</b>                       | #10-32 x 5/8                                   |
| <b>Cover Screw Recommended Torque</b>         | 20-24 in-lbs.                                  |
| <b>Cover Screw Material</b>                   | 304 SS   |
| <b>Mounting Foot Screw Size</b>               | 1/4-20 x 1/2                                   |
| <b>Mounting Foot Screw Recommended Torque</b> | 10-14 in-lbs.                                  |
| <b>Installation Mounting Torque</b>           | 25-30 in-lbs. Max                              |
| <b>Metal Inserts</b>                          | Brass  |
| <b>Hinge Material</b>                         | Integral Polycarbonate                         |
| <b>Latch Material</b>                         | Polycarbonate                                  |
| <b>Gasket Material</b>                        | Poured In Place (PIP)<br>Polyurethane Seamless |
| <b>Country of Origin</b>                      | USA  |

## Dimensions

|                    |       |
|--------------------|-------|
| Height (in)        | 16.0  |
| Width (in)         | 14.0  |
| Depth (in)         | 8.0   |
| Height (mm)        | 406.0 |
| Width (mm)         | 356.0 |
| Depth (mm)         | 203.0 |
| Useable Depth (in) | 8.7   |
| Useable Depth (mm) | 220.0 |

## Standards

|  |                            |
|--|----------------------------|
| <b>NEMA 10250; UL 50; UL 50e; UL508A</b> | cULus Listed File #E319779 |
| <b>Type</b>                              | 1; 3R; 4; 4X; 6; 6P; 12    |
| <b>IEC 60529</b>                         | IP66; IP68                 |
| <b>IEC 60529</b>                         | cULus Listed File #E362920 |
| <b>Temperature Range °F</b>              | -40°F to +248°F            |
| <b>Temperature Range °C</b>              | -40°C to +120°C            |
| <b>Flammability Rating</b>               | UL94-V0                    |
| <b>Outdoor Exposure UL746c</b>           | (f1) Rated                 |
| <b>CE</b>                                | Certified                  |

Latch Material  
Polycarbonate with UV Inhibitors