# Fiberglass Hinged Cover
# Type 4X Enclosures



## Application

Designed for use as a junction box or instrument housing in both indoor and outdoor settings. The enclosure is used in highly corrosive environments typically found in oil refineries, chemical processing plants, waste water treatment, marine installations, pulp and paper processing, and electroplating plants. The efficient design and simple construction create a low-cost, durable, and aesthetic enclosure.

## Construction

- Molded fiberglass polyester has outstanding chemical and temperature resistance qualities and exhibits excellent weatherability and physical properties
- Fiberglass is easily punched, drilled, filed, or sawed
- Seamless foam-in-place gasket assures watertight and dust-tight seal
- Polyester mounting brackets and stainless steel attachment screws are provided with each enclosure
- Scratch-resistant GE Lexan Margard® windows are permanently bonded in place
- Molded-in-place threaded brass inserts and plated steel screws are provided for mounting optional panels and terminal block kits
- Removable hinged cover attached to body with Type 316 stainless steel hinge pin

*U.S. Patent    4,917,421*

- Screw cover enclosures are secured with two captivated Type 316 stainless steel slotted cross point cover screws
- Enclosures with patented quick-release latches have corrosion-resistant polyester latches located in corners that provide unobstructed access to enclosure
- Hinge pin and bail are corrosion-resistant Type 316 stainless steel
- Knockout padlock provisions included in each latch

## Finish/Color

Optional steel panels are white. Optional stainless steel, aluminum, and composite panels are unpainted. Fiberglass material is light gray inside and out.

## Industry Standards

UL 508A, 508 File No. E61997: Type 4, Type 4X, Type 12, and Type 13
NEMA/EEMAC Type 4, Type 4X, Type 12, and Type 13
Enclosure flammability rating per UL 508
Window flammability rating per UL 508
CSA File No. LR42186: Type 4, Type 4X, Type 12, and Type 13
IEC 60529, IP66

## Accessories
*See Chapter 12, General Accessories.*

Panels (see table)
Threaded Panel Extenders
Quick-Release Latch Kit
Swing-Out Panel Kit
Terminal Block Kit Assembly
Ventilators

## Modification Services Program

You can customize this product to your unique requirements by specifying from these options:

- Colors
- Holes and cutouts in body, doors, subpanels
- Doors
- Subpanels
- Standard accessories

For details, see Modification Services at hoffmanonline.com.
To order, contact your local Hoffman sales representative.

NOTE: For information about modifications outside the scope of the Modification Services program, contact your Hoffman sales representative.

## Standard Sizes Fiberglass Hinged Solid Cover Type 4X Enclosures

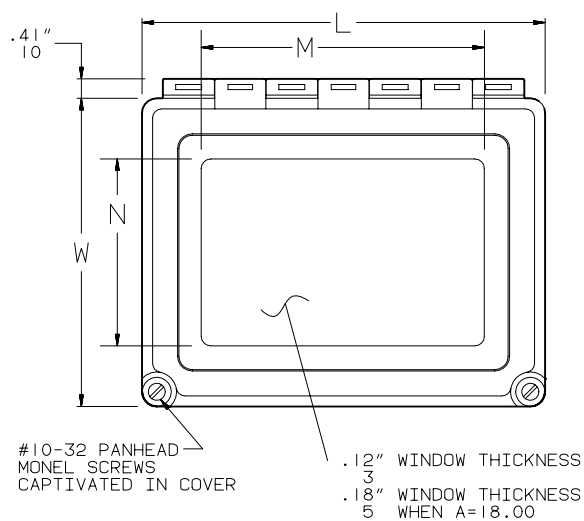| Catalog Number Screw Cover | Quick-Release | Enclosure Size A x B x C | * Panel Catalog Number | Panel Size D x E | Mounting G x H | Overall L x W | F | J | K | O | P | Q | R | T | U |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A664CHSCFG | A664CHQRFG | 6.00 x 6.00 x 4.00 (152 x 152 x 102) | A6P6 | 4.88 x 4.88 (124 x 124) | 6.94 x 4.00 (176 x 102) | 6.50 x 6.50 (165 x 165) | 3.45 (88) | 3.25 (83) | 1.00 (25) | 4.25 (108) | 4.25 (108) | 5.64 (143) | 5.12 (130) | 0.12 (3) | 5.64 (143) |
| A864CHSCFG | A864CHQRFG | 8.00 x 6.00 x 4.00 (203 x 152 x 102) | A8P6 | 6.75 x 4.88 (171 x 124) | 8.94 x 4.00 (227 x 102) | 8.50 x 6.50 (216 x 165) | 3.45 (88) | 3.25 (83) | 1.00 (25) | 4.25 (108) | 6.25 (159) | 7.64 (194) | 7.12 (181) | 0.12 (3) | 5.64 (143) |
| A1086CHSCFG | A1086CHQRFG | 10.00 x 8.00 x 6.00 (254 x 203 x 152) | A10P8 | 8.75 x 6.88 (222 x 175) | 10.94 x 6.00 (278 x 152) | 10.50 x 8.50 (267 x 216) | 5.45 (138) | 4.94 (125) | 1.31 (33) | 6.25 (159) | 8.25 (210) | 9.61 (244) | 9.12 (232) | 0.12 (3) | 7.61 (193) |
| A12106CHSCFG | A12106CHQRFG | 12.00 x 10.00 x 6.00 (305 x 254 x 152) | A12P10 | 10.75 x 8.88 (273 x 226) | 12.94 x 8.00 (329 x 203) | 12.50 x 10.50 (318 x 267) | 5.45 (138) | 4.69 (119) | 1.56 (40) | 8.25 (210) | 10.25 (260) | 11.58 (294) | 11.12 (282) | 0.12 (3) | 9.58 (243) |
| A14128CHSCFG | A14128CHQRFG | 14.00 x 12.00 x 8.00 (356 x 305 x 203) | A14P12 | 12.75 x 10.88 (324 x 276) | 14.94 x 10.00 (379 x 254) | 14.55 x 12.55 (370 x 319) | 7.45 (189) | 6.50 (165) | 1.81 (46) | 10.25 (260) | 12.25 (311) | 13.59 (345) | 13.12 (333) | 0.15 (4) | 11.59 (294) |
| A16148CHSCFG | A16148CHQRFG | 16.00 x 14.00 x 8.00 (406 x 356 x 203) | A16P14 | 14.75 x 12.88 (375 x 327) | 16.94 x 12.00 (430 x 305) | 16.55 x 14.55 (420 x 370) | 7.45 (189) | 6.23 (158) | 2.08 (53) | 12.25 (311) | 14.25 (362) | 15.56 (395) | 15.12 (384) | 0.15 (4) | 13.56 (344) |
| A181610CHSCFG | A181610CHQRFG | 18.00 x 16.00 x 10.00 (457 x 406 x 254) | A18P16 | 16.75 x 14.88 (425 x 378) | 18.94 x 14.00 (481 x 356) | 18.58 x 16.58 (472 x 421) | 9.45 (240) | 7.66 (195) | 2.66 (68) | 14.25 (362) | 16.25 (413) | 17.53 (445) | 17.12 (435) | 0.16 (4) | 15.53 (394) |

## Standard Sizes Fiberglass Hinged Window Cover Type 4X Enclosures

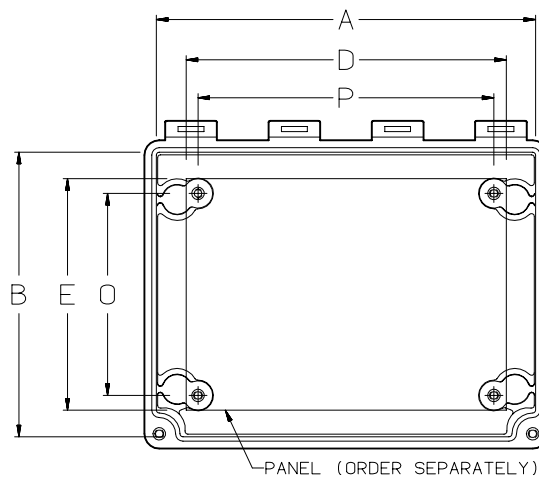| Catalog Number Screw Cover | Quick-Release | Enclosure Size A x B x C | * Panel Catalog Number | Panel Size D x E | Mounting G x H | Overall L x W | F | J | K | M | N | O | P | Q | R | T | U |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A664CHSCFGW | A664CHQRFGW | 6.00 x 6.00 x 4.00 (152 x 152 x 102) | A6P6 | 4.88 x 4.88 (124 x 124) | 6.94 x 4.00 (176 x 102) | 6.50 x 6.50 (165 x 165) | 3.45 (88) | 3.25 (83) | 1.00 (25) | 4.25 (108) | 4.25 (108) | 4.25 (108) | 4.25 (108) | 5.64 (143) | 5.12 (130) | 0.12 (3) | 5.64 (143) |
| A864CHSCFGW | A864CHQRFGW | 8.00 x 6.00 x 4.00 (203 x 152 x 102) | A8P6 | 6.75 x 4.88 (171 x 124) | 8.94 x 4.00 (227 x 102) | 8.50 x 6.50 (216 x 165) | 3.45 (88) | 3.25 (83) | 1.00 (25) | 6.25 (159) | 4.25 (108) | 4.25 (108) | 6.25 (159) | 7.64 (194) | 7.12 (181) | 0.12 (3) | 5.64 (143) |
| A1086CHSCFGW | A1086CHQRFGW | 10.00 x 8.00 x 6.00 (254 x 203 x 152) | A10P8 | 8.75 x 6.88 (222 x 175) | 10.94 x 6.00 (278 x 152) | 10.50 x 8.50 (267 x 216) | 5.45 (138) | 4.94 (125) | 1.31 (33) | 8.25 (210) | 6.25 (159) | 6.25 (159) | 8.25 (210) | 9.61 (244) | 9.12 (232) | 0.12 (3) | 7.61 (193) |
| A12106CHSCFGW | A12106CHQRFGW | 12.00 x 10.00 x 6.00 (305 x 254 x 152) | A12P10 | 10.75 x 8.88 (273 x 226) | 12.94 x 8.00 (329 x 203) | 12.50 x 10.50 (318 x 267) | 5.45 (138) | 4.69 (119) | 1.56 (40) | 10.25 (260) | 8.25 (210) | 8.25 (210) | 10.25 (260) | 11.58 (294) | 11.12 (282) | 0.12 (3) | 9.58 (243) |
| A14128CHSCFGW | A14128CHQRFGW | 14.00 x 12.00 x 8.00 (356 x 305 x 203) | A14P12 | 12.75 x 10.88 (324 x 276) | 14.94 x 10.00 (379 x 254) | 14.55 x 12.55 (370 x 319) | 7.45 (189) | 6.50 (165) | 1.81 (46) | 12.25 (311) | 10.25 (260) | 10.25 (260) | 12.25 (311) | 13.59 (345) | 13.12 (333) | 0.15 (4) | 11.59 (294) |
| A16148CHSCFGW | A16148CHQRFGW | 16.00 x 14.00 x 8.00 (406 x 356 x 203) | A16P14 | 14.75 x 12.88 (375 x 327) | 16.94 x 12.00 (430 x 305) | 16.55 x 14.55 (420 x 370) | 7.45 (189) | 6.23 (158) | 2.08 (53) | 14.25 (362) | 12.25 (311) | 12.25 (311) | 14.25 (362) | 15.56 (395) | 15.12 (384) | 0.15 (4) | 13.56 (344) |
| A181610CHSCFGW | A181610CHQRFGW | 18.00 x 16.00 x 10.00 (457x406x254) | A18P16 | 16.75 x 14.88 (425 x 378) | 18.94 x 14.00 (481 x 356) | 18.58 x 16.58 (472 x 421) | 9.45 (240) | 7.66 (195) | 2.66 (68) | 16.25 (413) | 14.25 (362) | 14.25 (362) | 16.25 (413) | 17.53 (445) | 17.12 (435) | 0.16 (4) | 15.53 (394) |

Millimeter dimensions ( ) are for reference only; do not convert metric dimensions to inch.

* Panels must be ordered separately. Optional stainless steel, aluminum, and composite material panels are also available for most sizes. See General Accessories.
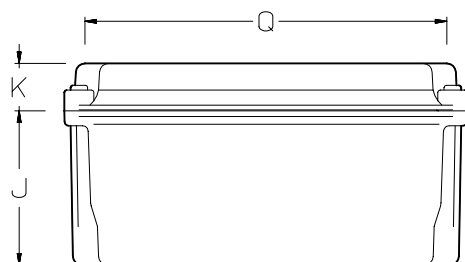
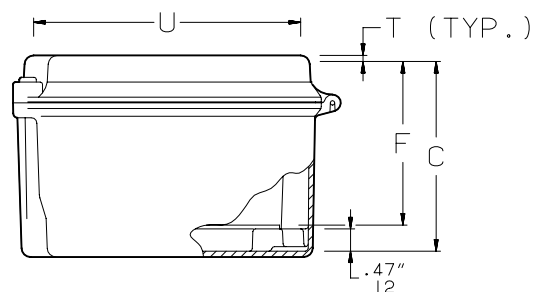# Fiberglass Hinged Cover
# Type 4X Enclosures



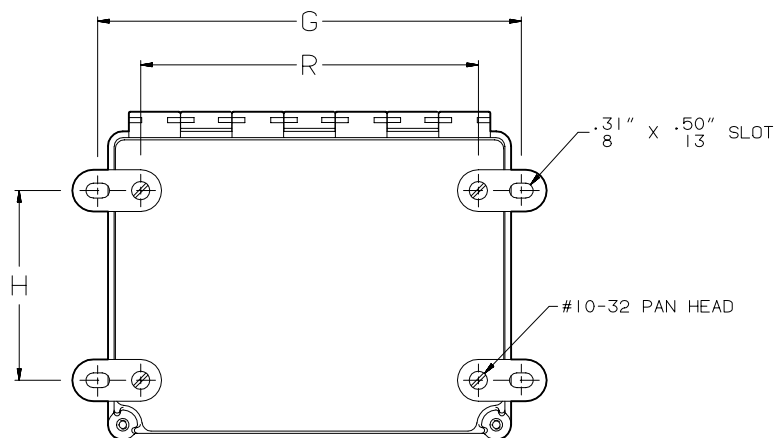.41"
10

#10-32 PANHEAD
MONEL SCREWS
CAPTIVATED IN COVER

.12" WINDOW THICKNESS
  3
.18" WINDOW THICKNESS
  5  WHEN A=18.00

**Top View**



PANEL (ORDER SEPARATELY)

**Top View with Cover Removed**



**Side View**



T (TYP.)

.47"
12

**End View**
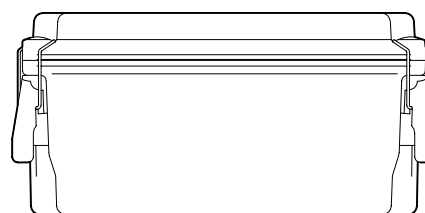


.31" X .50"  SLOT
  8      13

#10-32 PAN HEAD

**Bottom View**

NOTES: 1. Panel screws are #10-32 pan head.
       2. Mounting brackets are .16 in. (4mm) thick.



**Side View**
Quick-Release Cover Enclosure

C2567

**Accessories** Fiberglass Hinged Cover Type 4X Enclosures



### Threaded Panel Extenders

are made of zinc-plated steel and designed to raise the panel mounting surface. Extenders attach to threaded internal pads. Male and female thread size is #10. Each kit contains 4 extenders.

| Catalog Number | Length |
|---|---|
| APE050 | 0.50 (13) |
| APE100 | 1.00 (25) |

Millimeter dimensions in ( ); do not convert metric dimensions to inch.



### Quick-Release Latch Kit

Two fiberglass reinforced gray polyester latches with monel bail and screw hole plugs are included in each package. Supplied as standard with Bulletin A48 quick-release enclosures, this kit will convert Bulletin A48 screw cover enclosures to quick-release without modification. No tools needed to install. Padlocking provision is included.

| Catalog Number |
|---|
| AL48 |



### Swing-Out Panel Kit

is designed to provide an attractive, yet cost-effective, solution for installing front-mounted panels in Bulletin A48 and Bulletin HJ enclosures. No drilling required.

| Catalog Number | Fits Enclosure A x B |
|---|---|
| A6SPK6C | 6.00 x 6.00 |
| A8SPK6C | 8.00 x 6.00 |
| A10SPK8C | 10.00 x 8.00 |
| A12SPK10C | 12.00 x 10.00 |
| A14SPK12C | 14.00 x 12.00 |
| A16SPK14C | 16.00 x 14.00 |
| A18SPK16C | 18.00 x 16.00 |

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**Fiberglass Junction Boxes**