

CHAPTER

3

Non-Metallic

Featured Products in this Chapter



► POLYPRO®, Type 4X

P. 228



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POLYPRO®, Type 4X

POLYPRO
ENCLOSURES

POLYPRO®, Type 4X



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 CSA File No. 42186; Type 4, 4X, 12, 13 (solid covers only)
 IEC 60529, IP66

Application

POLYPRO® polyester enclosures perform exceptionally well in applications where harsh chemicals, weather extremes and corrosive environments demand toughness from a lightweight enclosure. Providing excellent ultraviolet protection and a tight environmental seal, these versatile, feature-rich enclosures are also recyclable.

Specifications

- Non-glass-filled polyester material offers superior UV resistance; eliminates fiberbloom associated with fiberglass
- Provides excellent chemical resistance to a broad range of solvents, alkalis and acids
- Resists cracking and provides excellent impact resistance
- Lighter-weight than fiberglass
- Recyclable
- Easy, dustless in-field modifications using standard tools
- Overlapping tongue-and-groove raised cover and gasket provide a secure Type 4X seal

- Removable snap-hinge cover allows for easy access to cover and body for modifications
- Molded layout grid on inside of body and solid covers assists with component mounting
- Molded-in embosses for rear panel mounting
- Optional cover screws included with all models
- Internal rail system and adjustable panel blocks allow for panel height adjustment and installation of multiple panels
- Scratch-resistant polycarbonate windows
- Standard models include body and cover, two mounting feet, two latch assemblies with optional cover screws and hardware (adjustable panel blocks and panels sold separately)

Finish

RAL 7035 light-gray textured finish inside and out

Accessories

See also Accessories.
 Adjustable Panel Block Kit
 Panels for Junction Boxes
 HOL-SEALERS™ Non-Metallic Hole Seals
 Aluminum Swing-Out Panels
 Stainless Steel Latches (Padlockable)
 Hinge Retainers

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

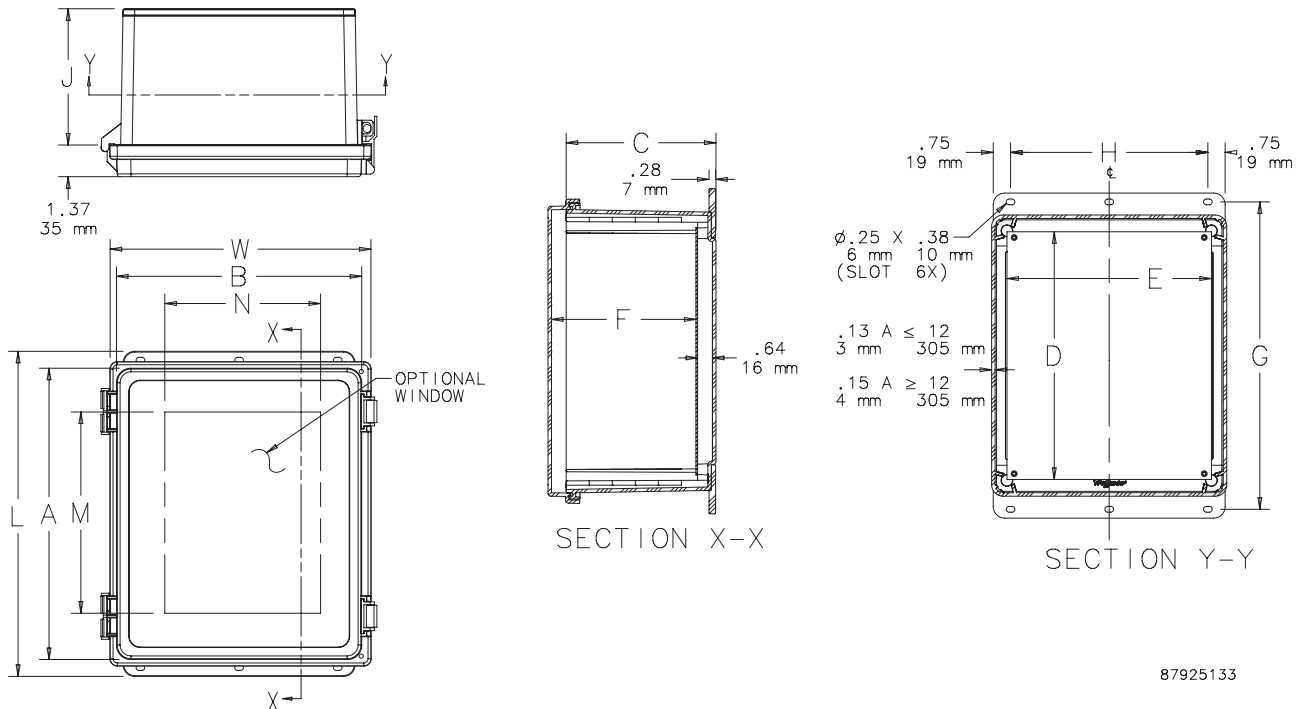
Bulletin: PCR

POLYPRO®, Type 4X

Standard Product

| Catalog Number | AxBxC in./mm | Cover Type | Steel Panel | Aluminum Panel | Panel Size | | | | | | | | |
|----------------|-----------------------|------------|-------------|----------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | D x E in./mm | F in./mm | G in./mm | H in./mm | J in./mm | L in./mm | M in./mm | N in./mm | W in./mm |
| A644PHC | 6.12 x 4.12 x 4.38 | Solid | A6P4 | A6P4AL | 4.88 x 2.88 | 4.32 | 7.38 | 2.56 | 3.91 | 8.15 | — | — | 5.23 |
| | 155 x 105 x 111 | | | | 124 x 73 | 110 | 187 | 65 | 99 | 207 | — | — | 133 |
| A644PHCW | 6.12 x 4.12 x 4.38 | Window | A6P4 | A6P4AL | 4.88 x 2.88 | 4.32 | 7.38 | 2.56 | 3.91 | 8.15 | 4.25 | 2.25 | 5.23 |
| | 155 x 105 x 111 | | | | 124 x 73 | 110 | 187 | 65 | 99 | 207 | 108 | 57 | 133 |
| A664PHC | 6.12 x 6.12 x 4.38 | Solid | A6P6 | A6P6AL | 4.88 x 4.88 | 4.32 | 7.38 | 4.56 | 3.91 | 8.15 | — | — | 7.23 |
| | 155 x 155 x 111 | | | | 124 x 124 | 110 | 187 | 116 | 99 | 207 | — | — | 184 |
| A664PHCW | 6.12 x 6.12 x 4.38 | Window | A6P6 | A6P6AL | 4.88 x 4.88 | 4.32 | 7.38 | 4.56 | 3.91 | 8.15 | 4.25 | 4.25 | 7.23 |
| | 155 x 155 x 111 | | | | 124 x 124 | 110 | 187 | 116 | 99 | 207 | 108 | 108 | 184 |
| A864PHC | 8.12 x 6.12 x 4.38 | Solid | A8P6 | A8P6AL | 6.75 x 4.88 | 4.32 | 9.38 | 4.56 | 3.91 | 10.15 | — | — | 7.23 |
| | 206 x 155 x 111 | | | | 171 x 124 | 110 | 238 | 116 | 99 | 258 | — | — | 184 |
| A864PHCW | 8.12 x 6.12 x 4.38 | Window | A8P6 | A8P6AL | 6.75 x 4.88 | 4.32 | 9.38 | 4.56 | 3.91 | 10.15 | 6.25 | 4.25 | 7.23 |
| | 206 x 155 x 111 | | | | 171 x 124 | 110 | 238 | 116 | 99 | 258 | 159 | 108 | 184 |
| A884PHC | 8.12 x 8.12 x 4.38 | Solid | A8P8 | A8P8AL | 6.75 x 6.88 | 4.32 | 9.38 | 6.56 | 3.91 | 10.15 | — | — | 9.23 |
| | 206 x 206 x 111 | | | | 171 x 175 | 110 | 238 | 167 | 99 | 258 | — | — | 234 |
| A884PHCW | 8.12 x 8.12 x 4.38 | Window | A8P8 | A8P8AL | 6.75 x 6.88 | 4.32 | 9.38 | 6.56 | 3.91 | 10.15 | 6.25 | 6.25 | 9.23 |
| | 206 x 206 x 111 | | | | 171 x 175 | 110 | 238 | 167 | 99 | 258 | 159 | 159 | 234 |
| A1084PHC | 10.12 x 8.12 x 4.38 | Solid | A10P8 | A10P8AL | 8.75 x 6.88 | 4.32 | 11.38 | 6.56 | 3.91 | 12.15 | — | — | 9.23 |
| | 257 x 155 x 111 | | | | 222 x 175 | 110 | 289 | 167 | 99 | 309 | — | — | 234 |
| A1084PHCW | 10.12 x 8.12 x 4.38 | Window | A10P8 | A10P8AL | 8.75 x 6.88 | 4.32 | 11.38 | 6.56 | 3.91 | 12.15 | 8.25 | 6.25 | 9.23 |
| | 257 x 155 x 111 | | | | 222 x 175 | 110 | 289 | 167 | 99 | 309 | 210 | 159 | 234 |
| A10106PHC | 10.04 x 10.04 x 6.38 | Solid | A10P10 | A10P10AL | 8.75 x 8.88 | 6.32 | 11.31 | 8.56 | 5.91 | 12.08 | — | — | 11.23 |
| | 255 x 255 x 162 | | | | 222 x 226 | 161 | 287 | 217 | 150 | 307 | — | — | 285 |
| A10106PHCW | 10.04 x 10.04 x 6.38 | Window | A10P10 | A10P10AL | 8.75 x 8.88 | 6.32 | 11.31 | 8.56 | 5.91 | 12.08 | 8.25 | 8.25 | 11.23 |
| | 255 x 255 x 162 | | | | 222 x 226 | 161 | 287 | 217 | 150 | 307 | 210 | 210 | 285 |
| A12106PHC | 12.08 x 10.09 x 6.38 | Solid | A12P10 | A12P10AL | 10.75 x 8.88 | 6.32 | 13.34 | 8.56 | 5.91 | 14.08 | — | — | 11.23 |
| | 307 x 256 x 162 | | | | 273 x 226 | 161 | 339 | 217 | 150 | 358 | — | — | 285 |
| A12106PHCW | 12.08 x 10.09 x 6.38 | Window | A12P10 | A12P10AL | 10.75 x 8.88 | 6.32 | 13.34 | 8.56 | 5.91 | 14.08 | 10.25 | 8.25 | 11.23 |
| | 307 x 256 x 162 | | | | 273 x 226 | 161 | 339 | 217 | 150 | 358 | 260 | 210 | 285 |
| A14128PHC | 14.02 x 12.01 x 8.35 | Solid | A14P12 | A14P12AL | 12.75 x 10.88 | 8.27 | 15.27 | 10.56 | 7.91 | 16.04 | — | — | 13.32 |
| | 356 x 305 x 212 | | | | 324 x 276 | 210 | 388 | 268 | 201 | 407 | — | — | 338 |
| A14128PHCW | 14.02 x 12.01 x 8.35 | Window | A14P12 | A14P12AL | 12.75 x 10.88 | 8.27 | 15.27 | 10.56 | 7.91 | 16.04 | 12.25 | 10.25 | 13.32 |
| | 356 x 305 x 212 | | | | 324 x 276 | 210 | 388 | 268 | 201 | 407 | 311 | 260 | 338 |
| A16148PHC | 16.02 x 14.01 x 8.35 | Solid | A16P14 | A16P14AL | 14.75 x 12.88 | 8.27 | 17.27 | 12.56 | 7.91 | 18.04 | — | — | 15.32 |
| | 407 x 356 x 212 | | | | 375 x 327 | 210 | 439 | 319 | 201 | 458 | — | — | 389 |
| A16148PHCW | 16.02 x 14.01 x 8.35 | Window | A16P14 | A16P14AL | 14.75 x 12.88 | 8.27 | 17.27 | 12.56 | 7.91 | 18.04 | 14.25 | 12.25 | 15.32 |
| | 407 x 356 x 212 | | | | 375 x 327 | 210 | 439 | 319 | 201 | 458 | 362 | 311 | 389 |
| A181610PHC | 17.95 x 15.94 x 10.35 | Solid | A18P16 | A18P16AL | 16.75 x 14.88 | 10.27 | 19.20 | 14.56 | 9.91 | 19.97 | — | — | 17.32 |
| | 456 x 405 x 263 | | | | 425 x 378 | 261 | 488 | 370 | 252 | 507 | — | — | 440 |
| A181610PHCW | 17.95 x 15.94 x 10.35 | Window | A18P16 | A18P16AL | 16.75 x 14.88 | 10.27 | 19.20 | 14.56 | 9.91 | 19.97 | 16.25 | 14.25 | 17.32 |
| | 456 x 405 x 263 | | | | 425 x 378 | 261 | 488 | 370 | 252 | 507 | 413 | 362 | 440 |

Purchase panels separately. Panels are available in aluminum, mild steel, stainless steel, conductive and composite materials.



POLYPRO®, Type 4X

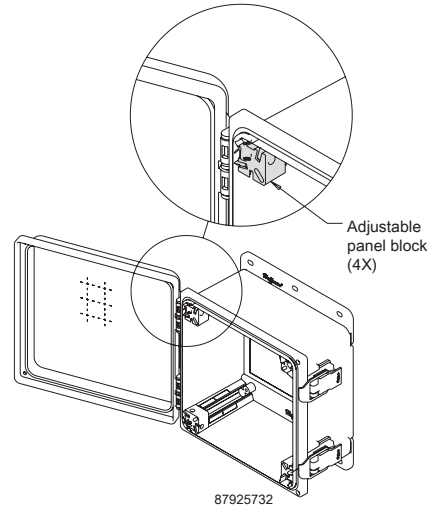
Adjustable Panel Block Kit

Panel blocks slide inside POLYPRO internal rail system for panel height adjustment within top 5 in. of enclosure. Allows for installation of multiple panels.

Bulletin: PCRY

| Catalog Number | Qty. |
|----------------|------|
| APNLBLK | 4 |

Includes Allen wrench

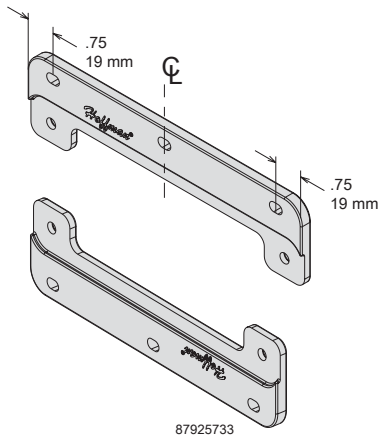


Polyester Mounting Bracket Kits

Replacement POLYPRO mounting brackets are sold in sets of two and include hardware for mounting to enclosure. Included with standard POLYPRO models.

Bulletin: PCRY

| Catalog Number | Description (in.) | Qty. |
|----------------|-------------------|------|
| APOLYFT4 | 4.00 | 2 |
| APOLYFT6 | 6.00 | 2 |
| APOLYFT8 | 8.00 | 2 |
| APOLYFT10 | 10.00 | 2 |
| APOLYFT12 | 12.00 | 2 |
| APOLYFT14 | 14.00 | 2 |
| APOLYFT16 | 16.00 | 2 |

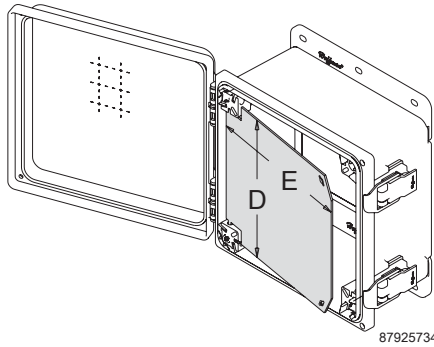


POLYPRO®, Type 4X

Aluminum Swing-Out Panels

Includes four POLYPRO Adjustable Panel Blocks. No enclosure modification is required for installation.

Bulletin: PCRY



87925734

| Catalog Number | D x E (in.) | D x E (mm) |
|----------------|---------------|------------|
| A64PSWPNL | 5.00 x 3.62 | 127 x 92 |
| A66PSWPNL | 5.00 x 5.62 | 127 x 143 |
| A86PSWPNL | 7.00 x 5.62 | 178 x 143 |
| A88PSWPNL | 7.00 x 7.62 | 178 x 194 |
| A108PSWPNL | 9.00 x 7.62 | 229 x 194 |
| A1010PSWPNL | 9.00 x 9.62 | 229 x 244 |
| A1210PSWPNL | 11.00 x 9.62 | 279 x 244 |
| A1412PSWPNL | 13.00 x 11.62 | 330 x 295 |
| A1614PSWPNL | 15.00 x 13.62 | 381 x 346 |
| A1816PSWPNL | 17.00 x 15.62 | 432 x 397 |

POLYPRO®, Type 4X

Stainless Steel Latches (Padlockable)



Stainless Steel Latches can be retrofitted on all POLYPRO models with no modification or drilling required. Hinge/latch constructed of corrosion-resistant polyester with a Type 316L stainless steel bail. Included with standard POLYPRO models.

Bulletin: PCRY

| Catalog Number | Qty. |
|----------------|------|
| AQLSS6 | 2 |

Hinge Retainers



Hinge Retainers can be field-installed without modification to POLYPRO hinges for applications where easy cover removal is not desired. Two retainers per enclosure is recommended. Kit includes ten hinge retainers.

Bulletin: PCRY

| Catalog Number | Description | Pkg. Qty. |
|----------------|-------------------------|-----------|
| AHGCLP | POLYPRO Hinge Retainers | 10 |

Notes

Continuous Hinge

Continuous Hinge, Type 4X



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 CSA File No. 42186: Type 4, 4X, 12, 13
 IEC 60529, IP66

Application

The efficient design and simple construction of these enclosures make them durable in corrosive environments, yet aesthetically pleasing. Corner latches provide unobstructed access. The continuous hinge provides a secure seal, and double latching creates added security.

Specifications

- Compression-molded fiberglass has outstanding chemical- and temperature-resistance qualities and exhibits excellent weatherability and physical properties
- Fiberglass is easily punched, drilled, filed or sawed
- Gasket assures water-tight and dust-tight seal
- Polyester mounting brackets and stainless steel attachment screws are provided with each enclosure
- Scratch-resistant polycarbonate 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
- Screw-cover enclosures are secured with two captivated Type 316 stainless steel slotted cover screws
- Enclosures with 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
- Padlock provisions included in each latch

Finish

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

Accessories

See also *Accessories*.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Threaded Panel Extenders
 Quick-Release Latch Kit
 Swing-Out Panel Kit

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A48

Continuous Hinge

Standard Product **Solid Cover**

| Catalog Number | AxBxC in./mm | Type | Steel Panel | Alum. Panel | Panel Size | Mounting | Overall | F | J | K | O | P | Q | T | U |
|----------------|--|---------|-------------|-------------|-----------------|-----------------|-----------------|------|------|------|-------|-------|-------|------|-------|
| | | | | | D x E in./mm | G x H in./mm | L x W in./mm | | | | | | | | |
| A664CHSCFG | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Screw | A6P6 | A6P6AL | 4.88 x 4.88 | 6.94 x 4.00 | 6.50 x 6.50 | 3.45 | 3.25 | 1.00 | 4.25 | 4.25 | 5.64 | 0.12 | 5.64 |
| | | Cover | | | 124 x 124 | 176 x 102 | 165 x 165 | 88 | 83 | 25 | 108 | 108 | 143 | 3 | 143 |
| A664CHQRFG | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Quick | A6P6 | A6P6AL | 4.88 x 4.88 | 6.94 x 4.00 | 6.50 x 6.50 | 3.45 | 3.25 | 1.00 | 4.25 | 4.25 | 5.64 | 0.12 | 5.64 |
| | | Release | | | 124 x 124 | 176 x 102 | 165 x 165 | 88 | 83 | 25 | 108 | 108 | 143 | 3 | 143 |
| A864CHSCFG | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Screw | A8P6 | A8P6AL | 6.75 x 4.88 | 8.94 x 4.00 | 8.50 x 6.50 | 3.45 | 3.25 | 1.00 | 4.25 | 6.25 | 7.64 | 0.12 | 5.64 |
| | | Cover | | | 171 x 124 | 227 x 102 | 216 x 165 | 88 | 83 | 25 | 108 | 159 | 194 | 3 | 143 |
| A864CHQRFG | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Quick | A8P6 | A8P6AL | 6.75 x 4.88 | 8.94 x 4.00 | 8.50 x 6.50 | 3.45 | 3.25 | 1.00 | 4.25 | 6.25 | 7.64 | 0.12 | 5.64 |
| | | Release | | | 171 x 124 | 227 x 102 | 216 x 165 | 88 | 83 | 25 | 108 | 159 | 194 | 3 | 143 |
| A1086CHSCFG | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Screw | A10P8 | A10P8AL | 8.75 x 6.88 | 10.94 x 6.00 | 10.50 x 8.50 | 5.45 | 4.94 | 1.31 | 6.25 | 8.25 | 9.61 | 0.12 | 7.61 |
| | | Cover | | | 222 x 175 | 278 x 152 | 267 x 216 | 138 | 125 | 33 | 159 | 210 | 244 | 3 | 193 |
| A1086CHQRFG | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Quick | A10P8 | A10P8AL | 8.75 x 6.88 | 10.94 x 6.00 | 10.50 x 8.50 | 5.45 | 4.94 | 1.31 | 6.25 | 8.25 | 9.61 | 0.12 | 7.61 |
| | | Release | | | 222 x 175 | 278 x 152 | 267 x 216 | 138 | 125 | 33 | 159 | 210 | 244 | 3 | 193 |
| A12106CHSCFG | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Screw | A12P10 | A12P10AL | 10.75 x 8.88 | 12.94 x 8.00 | 12.50 x 10.50 | 5.45 | 4.69 | 1.56 | 8.25 | 10.25 | 11.58 | 0.12 | 9.58 |
| | | Cover | | | 273 x 226 | 329 x 203 | 318 x 267 | 138 | 119 | 40 | 210 | 260 | 294 | 3 | 243 |
| A12106CHQRFG | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Quick | A12P10 | A12P10AL | 10.75 x 8.88 | 12.94 x 8.00 | 12.50 x 10.50 | 5.45 | 4.69 | 1.56 | 8.25 | 10.25 | 11.58 | 0.12 | 9.58 |
| | | Release | | | 273 x 226 | 329 x 203 | 318 x 267 | 138 | 119 | 40 | 210 | 260 | 294 | 3 | 243 |
| A14128CHSCFG | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Screw | A14P12 | A14P12AL | 12.75 x 10.88 | 14.94 x 10.00 | 14.55 x 12.55 | 7.45 | 6.50 | 1.81 | 10.25 | 12.25 | 13.59 | 0.15 | 11.59 |
| | | Cover | | | 324 x 276 | 379 x 254 | 370 x 319 | 189 | 165 | 46 | 260 | 311 | 345 | 4 | 294 |
| A14128CHQRFG | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Quick | A14P12 | A14P12AL | 12.75 x 10.88 | 14.94 x 10.00 | 14.55 x 12.55 | 7.45 | 6.50 | 1.81 | 10.25 | 12.25 | 13.59 | 0.15 | 11.59 |
| | | Release | | | 324 x 276 | 379 x 254 | 370 x 319 | 189 | 165 | 46 | 260 | 311 | 345 | 4 | 294 |
| A16148CHSCFG | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Screw | A16P14 | A16P14AL | 14.75 x 12.88 | 16.94 x 12.00 | 16.55 x 14.55 | 7.45 | 6.23 | 2.08 | 12.25 | 14.25 | 15.56 | 0.15 | 13.56 |
| | | Cover | | | 375 x 327 | 430 x 305 | 420 x 370 | 189 | 158 | 53 | 311 | 362 | 395 | 4 | 344 |
| A16148CHQRFG | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Quick | A16P14 | A16P14AL | 14.75 x 12.88 | 16.94 x 12.00 | 16.55 x 14.55 | 7.45 | 6.23 | 2.08 | 12.25 | 14.25 | 15.56 | 0.15 | 13.56 |
| | | Release | | | 375 x 327 | 430 x 305 | 420 x 370 | 189 | 158 | 53 | 311 | 362 | 395 | 4 | 344 |
| A181610CHSCFG | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Screw | A18P16 | A18P16AL | 16.75 x 14.88 | 18.94 x 14.00 | 18.58 x 16.58 | 9.45 | 7.66 | 2.66 | 14.25 | 16.25 | 17.53 | 0.16 | 15.53 |
| | | Cover | | | 425 x 378 | 481 x 356 | 472 x 421 | 240 | 195 | 68 | 362 | 413 | 445 | 4 | 394 |
| A181610CHQRFG | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Quick | A18P16 | A18P16AL | 16.75 x 14.88 | 18.94 x 14.00 | 18.58 x 16.58 | 9.45 | 7.66 | 2.66 | 14.25 | 16.25 | 17.53 | 0.16 | 15.53 |
| | | Release | | | 425 x 378 | 481 x 356 | 472 x 421 | 240 | 195 | 68 | 362 | 413 | 445 | 4 | 394 |

Purchase panels separately. Optional stainless steel, aluminum, conductive and composite material panels available for most sizes.

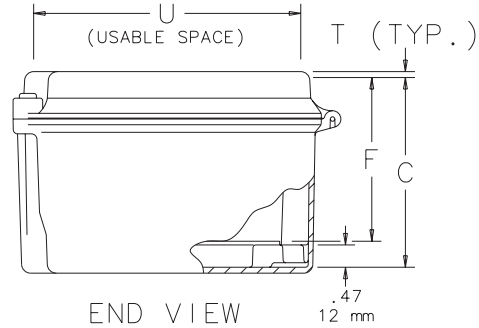
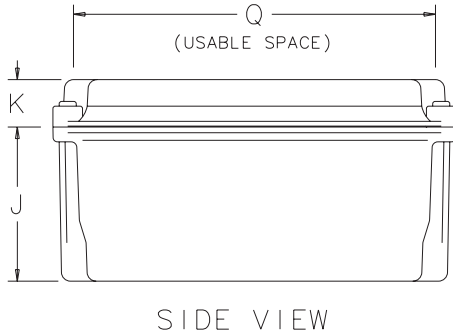
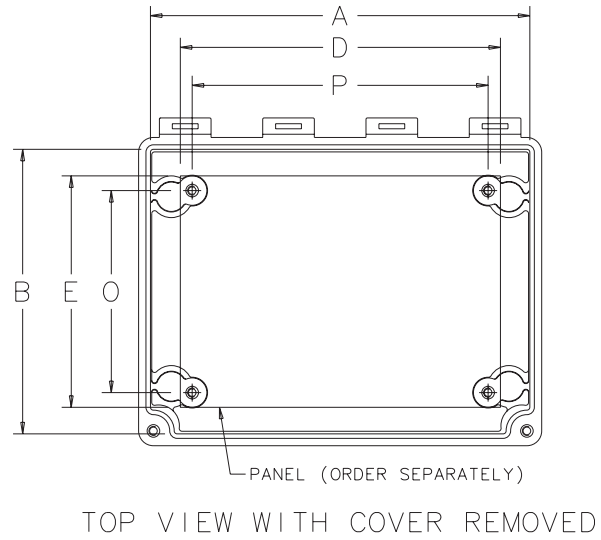
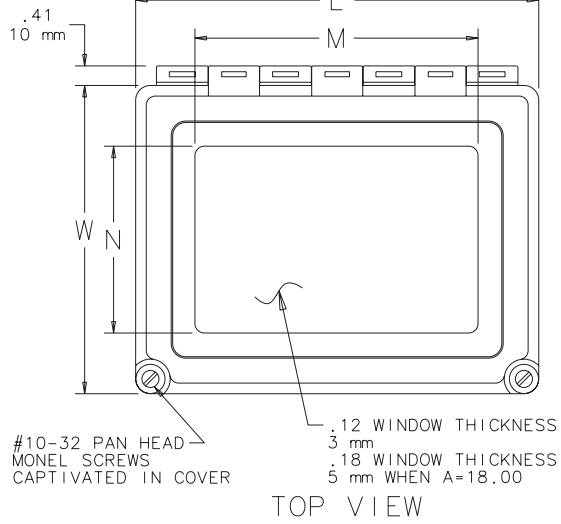
Standard Product **Window Cover**

| Catalog Number | AxBxC in./mm | Type | Steel Panel | Alum. Panel | Panel Size | Mounting | Overall | F | J | K | M | N | O | P | Q | T | U |
|----------------|--|---------|-------------|-------------|-----------------|-----------------|-----------------|------|------|------|-------|-------|-------|-------|-------|------|-------|
| | | | | | D x E in./mm | G x H in./mm | L x W in./mm | | | | | | | | | | |
| A664CHSCFGW | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Screw | A6P6 | A6P6AL | 4.88 x 4.88 | 6.94 x 4.00 | 6.50 x 6.50 | 3.45 | 3.25 | 1.00 | 4.25 | 4.25 | 4.25 | 4.25 | 5.64 | 0.12 | 5.64 |
| | | Cover | | | 124 x 124 | 176 x 102 | 165 x 165 | 88 | 83 | 25 | 108 | 108 | 108 | 108 | 143 | 3 | 143 |
| A664CHQRFGW | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Quick | A6P6 | A6P6AL | 4.88 x 4.88 | 6.94 x 4.00 | 6.50 x 6.50 | 3.45 | 3.25 | 1.00 | 4.25 | 4.25 | 4.25 | 4.25 | 5.64 | 0.12 | 5.64 |
| | | Release | | | 124 x 124 | 176 x 102 | 165 x 165 | 88 | 83 | 25 | 108 | 108 | 108 | 108 | 143 | 3 | 143 |
| A864CHSCFGW | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Screw | A8P6 | A8P6AL | 6.75 x 4.88 | 8.94 x 4.00 | 8.50 x 6.50 | 3.45 | 3.25 | 1.00 | 6.25 | 4.25 | 4.25 | 6.25 | 7.64 | 0.12 | 5.64 |
| | | Cover | | | 171 x 124 | 227 x 102 | 216 x 165 | 88 | 83 | 25 | 159 | 108 | 108 | 159 | 194 | 3 | 143 |
| A864CHQRFGW | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Quick | A8P6 | A8P6AL | 6.75 x 4.88 | 8.94 x 4.00 | 8.50 x 6.50 | 3.45 | 3.25 | 1.00 | 6.25 | 4.25 | 6.25 | 7.64 | 0.12 | 5.64 | |
| | | Release | | | 171 x 124 | 227 x 102 | 216 x 165 | 88 | 83 | 25 | 159 | 108 | 108 | 159 | 194 | 3 | 143 |
| A1086CHSCFGW | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Screw | A10P8 | A10P8AL | 8.75 x 6.88 | 10.94 x 6.00 | 10.50 x 8.50 | 5.45 | 4.94 | 1.31 | 8.25 | 6.25 | 6.25 | 8.25 | 9.61 | 0.12 | 7.61 |
| | | Cover | | | 222 x 175 | 278 x 152 | 267 x 216 | 138 | 125 | 33 | 210 | 159 | 159 | 210 | 244 | 3 | 193 |
| A1086CHQRFGW | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Quick | A10P8 | A10P8AL | 8.75 x 6.88 | 10.94 x 6.00 | 10.50 x 8.50 | 5.45 | 4.94 | 1.31 | 8.25 | 6.25 | 6.25 | 8.25 | 9.61 | 0.12 | 7.61 |
| | | Release | | | 222 x 175 | 278 x 152 | 267 x 216 | 138 | 125 | 33 | 210 | 159 | 159 | 210 | 244 | 3 | 193 |
| A12106CHSCFGW | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Screw | A12P10 | A12P10AL | 10.75 x 8.88 | 12.94 x 8.00 | 12.50 x 10.50 | 5.45 | 4.69 | 1.56 | 10.25 | 8.25 | 8.25 | 10.25 | 11.58 | 0.12 | 9.58 |
| | | Cover | | | 273 x 226 | 329 x 203 | 318 x 267 | 138 | 119 | 40 | 260 | 210 | 210 | 260 | 294 | 3 | 243 |
| A12106CHQRFGW | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Quick | A12P10 | A12P10AL | 10.75 x 8.88 | 12.94 x 8.00 | 12.50 x 10.50 | 5.45 | 4.69 | 1.56 | 10.25 | 8.25 | 8.25 | 10.25 | 11.58 | 0.12 | 9.58 |
| | | Release | | | 273 x 226 | 329 x 203 | 318 x 267 | 138 | 119 | 40 | 260 | 210 | 210 | 260 | 294 | 3 | 243 |
| A14128CHSCFGW | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Screw | A14P12 | A14P12AL | 12.75 x 10.88 | 14.94 x 10.00 | 14.55 x 12.55 | 7.45 | 6.50 | 1.81 | 12.25 | 10.25 | 10.25 | 12.25 | 13.59 | 0.15 | 11.59 |
| | | Cover | | | 324 x 276 | 379 x 254 | 370 x 319 | 189 | 165 | 46 | 311 | 260 | 260 | 311 | 345 | 4 | 294 |
| A14128CHQRFGW | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Quick | A14P12 | A14P12AL | 12.75 x 10.88 | 14.94 x 10.00 | 14.55 x 12.55 | 7.45 | 6.50 | 1.81 | 12.25 | 10.25 | 10.25 | 12.25 | 13.59 | 0.15 | 11.59 |
| | | Release | | | 324 x 276 | 379 x 254 | 370 x 319 | 189 | 165 | 46 | 311 | 260 | 260 | 311 | 345 | 4 | 294 |
| A16148CHSCFGW | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Screw | A16P14 | A16P14AL | 14.75 x 12.88 | 16.94 x 12.00 | 16.55 x 14.55 | 7.45 | 6.23 | 2.08 | 14.25 | 12.25 | 12.25 | 14.25 | 15.56 | 0.15 | 13.56 |
| | | Cover | | | 375 x 327 | 430 x 305 | 420 x 370 | 189 | 158 | 53 | 362 | 311 | 311 | 362 | 395 | 4 | 344 |
| A16148CHQRFGW | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Quick | A16P14 | A16P14AL | 14.75 x 12.88 | 16.94 x 12.00 | 16.55 x 14.55 | 7.45 | 6.23 | 2.08 | 14.25 | 12.25 | 12.25 | 14.25 | 15.56 | 0.15 | 13.56 |
| | | Release | | | 375 x 327 | 430 x 305 | 420 x 370 | 189 | 158 | 53 | 362 | 311 | 311 | 362 | 395 | 4 | 344 |
| A181610CHSCFGW | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Screw | A18P16 | A18P16AL | 16.75 x 14.88 | 18.94 x 14.00 | 18.58 x 16.58 | 9.45 | 7.66 | 2.66 | 16.25 | 14.25 | 14.25 | 16.25 | 17.53 | 0.16 | 15.53 |
| | | Cover | | | 425 x 378 | 481 x 356 | 472 x 421 | 240 | 195 | 68 | 413 | 362 | 362 | 413 | 445 | 4 | 394 |
| A181610CHQRFGW | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Quick | A18P16 | A18P16AL | 16.75 x 14.88 | 18.94 x 14.00 | 18.58 x 16.58 | 9.45 | 7.66 | 2.66 | 16.25 | 14.25 | 14.25 | 16.25 | 17.53 | 0.16 | 15.53 |
| | | Release | | | 425 x 378 | 481 x 356 | 472 x 421 | 240 | 195 | 68 | 413 | 362 | 362 | 413 | 445 | 4 | 394 |

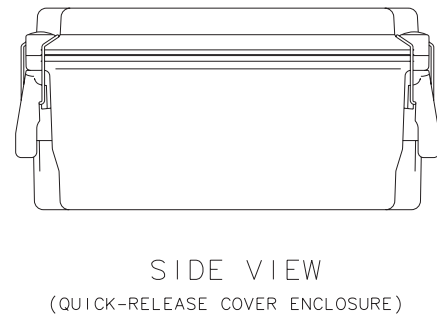
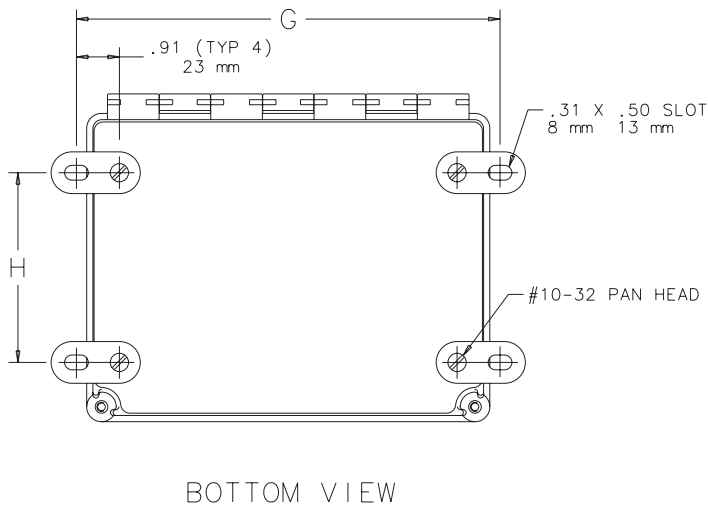
Purchase panels separately. Optional stainless steel, aluminum, conductive and composite material panels available for most sizes.

Continuous Hinge

Hinged Window Cover Type 4X



NOTE: 1. Panel screws have #10-32 threads.
2. Mounting brackets are .16 (4mm) thick.



C2567-C

Quick-Release Latch Kit



Continuous Hinge

Two fiberglass-reinforced gray polyester latches with 316L stainless steel bail and screw-hole plugs are included in each package. Supplied with Continuous Hinge, Type 4X enclosures and available for Fiberglass Hinged Cover WiFi Cabinet, Type 4X. Kit converts screw-cover enclosures to quick-release without modification. No tools needed to install. Padlocking provision is included.

Bulletin: A48Y

| Catalog Number | Description | Kit Qty. |
|----------------|-------------------------|----------|
| AL48 | Quick-Release Latch Kit | 2 |

Continuous Hinge

Screw- or Hinge-Cover with Quick-Release Latch, Type 4X



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13;
 File No. E61997
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13

CSA File No. 42186; Type 3R, 4, 4X, 12

IEC 60529, IP66

Meets NEMA Type 3RX requirements

Application

Able to withstand harsh environments, these small enclosures feature a simple, traditional non-metallic design that is suitable for a broad range of applications.

Specifications

- Compression-molded fiberglass material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties
- Fiberglass material is easily punched, drilled, filed or sawed
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Threaded internal bosses provided for mounting optional panels and terminal block kits

- Scratch-resistant polycarbonate windows are permanently bonded in place
- Screw-cover enclosures have easily removable covers attached to body with internal plated steel hinges. Cover securely fastens to the body with four captivated Type 316 stainless steel cover screws.
- Enclosures with quick-release latches have corrosion-resistant polyester hinges and polyester latches with a Type 316L stainless steel bail. Attached with Type 316 stainless steel screws. A Type 316L stainless steel padlock hasp is furnished with each enclosure.
- Sealing washers are furnished with enclosure

Finish

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

Accessories

See also Accessories.

H2OMIT® Vent Drains, Type 4X

HOL-SEALERS™ Non-Metallic Hole Seals

Panels for Junction Boxes

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A50

Continuous Hinge

Standard Product **Solid Cover with Screws**

| Catalog Number | Ax B x C in./mm | Inside Dimensions | | Steel Panel | Aluminum Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | F in./mm | J in./mm | K in./mm | V in./mm | X in./mm | Y in./mm |
|----------------|----------------------|----------------------|----------|-------------|----------------|-------------------------|-----------------------|----------------------|----------|----------|----------|----------|----------|----------|
| | | A x B x C in./mm | in./mm | | | | | | | | | | | |
| A645JFGR | 6.00 x 4.00 x 5.00 | 5.50 x 4.00 x 4.94 | No Panel | No Panel | No Panel | 4.75 x 2.00 | 6.00 x 4.50 | 4.41 | 4.13 | 1.00 | -- | 4.22 | 3.59 | |
| | 152 x 102 x 127 | 140 x 102 x 125 | No Panel | No Panel | No Panel | 121 x 51 | 152 x 114 | 112 | 105 | 25 | -- | 107 | 91 | |
| A845JFGR | 8.00 x 4.00 x 5.00 | 7.50 x 4.00 x 4.94 | A6P4 | A6P4AL | 4.88 x 2.88 | 6.75 x 2.00 | 8.00 x 4.50 | 4.41 | 4.13 | 1.00 | 0.31 | 6.22 | 3.59 | |
| | 203 x 102 x 127 | 191 x 102 x 125 | A6P4 | A6P4AL | 124 x 73 | 171 x 51 | 203 x 114 | 112 | 105 | 25 | 8 | 158 | 91 | |
| A865JFGR | 8.00 x 6.00 x 5.00 | 7.50 x 6.00 x 5.19 | A6P6 | A6P6AL | 4.88 x 4.88 | 6.75 x 4.00 | 8.00 x 6.50 | 4.66 | 4.38 | 1.00 | 0.31 | 6.22 | 5.59 | |
| | 203 x 152 x 127 | 191 x 152 x 132 | A6P6 | A6P6AL | 124 x 124 | 171 x 102 | 203 x 165 | 118 | 111 | 25 | 8 | 158 | 142 | |
| A1066JFGR | 10.00 x 6.00 x 6.00 | 9.50 x 6.00 x 5.69 | A8P6 | A8P6AL | 6.75 x 4.88 | 8.75 x 4.00 | 10.00 x 6.50 | 5.16 | 4.63 | 1.25 | 0.25 | 8.12 | 5.50 | |
| | 254 x 152 x 152 | 241 x 152 x 145 | A8P6 | A8P6AL | 171 x 124 | 222 x 102 | 254 x 165 | 131 | 118 | 32 | 6 | 206 | 140 | |
| A1287JFGR | 12.00 x 8.00 x 7.00 | 11.50 x 8.00 x 6.69 | A10P8 | A10P8AL | 8.75 x 6.88 | 10.75 x 6.00 | 12.00 x 8.50 | 6.16 | 5.13 | 1.75 | 0.25 | 9.97 | 7.34 | |
| | 305 x 203 x 178 | 292 x 203 x 170 | A10P8 | A10P8AL | 222 x 175 | 273 x 152 | 305 x 216 | 156 | 130 | 44 | 6 | 253 | 186 | |
| A14107JFGR | 14.00 x 10.00 x 7.00 | 13.50 x 10.00 x 7.19 | A12P10 | A12P10AL | 10.75 x 8.88 | 12.75 x 8.00 | 14.00 x 10.50 | 6.66 | 5.63 | 1.75 | 0.25 | 11.97 | 9.34 | |
| | 356 x 254 x 178 | 343 x 254 x 183 | A12P10 | A12P10AL | 273 x 226 | 324 x 203 | 356 x 267 | 169 | 143 | 44 | 6 | 304 | 237 | |
| A16128JFGR | 16.00 x 12.00 x 8.00 | 15.50 x 12.00 x 8.19 | A14P12 | A14P12AL | 12.75 x 10.88 | 14.75 x 10.00 | 16.00 x 12.50 | 7.66 | 6.13 | 2.25 | 0.25 | 13.78 | 11.16 | |
| | 406 x 305 x 203 | 394 x 305 x 208 | A14P12 | A14P12AL | 324 x 276 | 375 x 254 | 406 x 318 | 195 | 156 | 57 | 6 | 350 | 283 | |
| A18149JFGR | 18.00 x 14.00 x 9.00 | 17.50 x 14.00 x 8.69 | A16P14 | A16P14AL | 14.75 x 12.88 | 16.75 x 12.00 | 18.00 x 14.50 | 8.16 | 6.63 | 2.25 | 0.25 | 15.78 | 13.16 | |
| | 457 x 356 x 229 | 445 x 356 x 221 | A16P14 | A16P14AL | 375 x 327 | 425 x 305 | 457 x 368 | 207 | 168 | 57 | 6 | 401 | 334 | |

Purchase panels separately. Optional stainless steel, aluminum and composite material panels available for most sizes.

Standard Product **Solid Cover with Quick-Release Latches**

| Catalog Number | Ax B x C in./mm | Inside Dimensions | | Steel Panel | Aluminum Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | F in./mm | J in./mm | K in./mm | V in./mm | X in./mm | Y in./mm | Number of Latches |
|----------------|----------------------|----------------------|----------|-------------|----------------|-------------------------|-----------------------|----------------------|----------|----------|----------|----------|----------|----------|-------------------|
| | | A x B x C in./mm | in./mm | | | | | | | | | | | | |
| A645JFGRR | 6.00 x 4.00 x 5.00 | 5.50 x 4.00 x 5.02 | No Panel | No Panel | No Panel | 4.75 x 2.00 | 6.00 x 5.39 | 4.50 | 4.13 | 1.00 | -- | 4.22 | 3.59 | 1 | |
| | 152 x 102 x 127 | 140 x 102 x 128 | No Panel | No Panel | No Panel | 121 x 51 | 152 x 137 | 114 | 105 | 25 | -- | 107 | 91 | 1 | |
| A845JFGRR | 8.00 x 4.00 x 5.00 | 7.50 x 4.00 x 5.02 | A6P4 | A6P4AL | 4.88 x 2.88 | 6.75 x 2.00 | 8.00 x 5.39 | 4.50 | 4.13 | 1.00 | 0.31 | 6.22 | 3.59 | 1 | |
| | 203 x 102 x 127 | 191 x 102 x 128 | A6P4 | A6P4AL | 124 x 73 | 171 x 51 | 203 x 137 | 114 | 105 | 25 | 8 | 158 | 91 | 1 | |
| A865JFGRR | 8.00 x 6.00 x 5.00 | 7.50 x 6.00 x 5.28 | A6P6 | A6P6AL | 4.88 x 4.88 | 6.75 x 4.00 | 8.00 x 7.39 | 4.75 | 4.38 | 1.00 | 0.31 | 6.22 | 5.59 | 2 | |
| | 203 x 152 x 127 | 191 x 152 x 134 | A6P6 | A6P6AL | 124 x 124 | 171 x 102 | 203 x 188 | 121 | 111 | 25 | 8 | 158 | 142 | 2 | |
| A1066JFGRR | 10.00 x 6.00 x 6.00 | 9.50 x 6.00 x 5.78 | A8P6 | A8P6AL | 6.75 x 4.88 | 8.75 x 4.00 | 10.00 x 7.39 | 5.25 | 4.63 | 1.25 | 0.25 | 8.12 | 5.50 | 2 | |
| | 254 x 152 x 152 | 241 x 152 x 147 | A8P6 | A8P6AL | 171 x 124 | 222 x 102 | 254 x 188 | 133 | 118 | 32 | 6 | 206 | 140 | 2 | |
| A1287JFGRR | 12.00 x 8.00 x 7.00 | 11.50 x 8.00 x 6.78 | A10P8 | A10P8AL | 8.75 x 6.88 | 10.75 x 6.00 | 12.00 x 9.39 | 6.25 | 5.13 | 1.75 | 0.25 | 9.97 | 7.34 | 2 | |
| | 305 x 203 x 178 | 292 x 203 x 172 | A10P8 | A10P8AL | 222 x 175 | 273 x 152 | 305 x 239 | 159 | 130 | 44 | 6 | 253 | 186 | 2 | |
| A14107JFGRR | 14.00 x 10.00 x 7.00 | 13.50 x 10.00 x 7.28 | A12P10 | A12P10AL | 10.75 x 8.88 | 12.75 x 8.00 | 14.00 x 11.39 | 6.75 | 5.63 | 1.75 | 0.25 | 11.97 | 9.34 | 2 | |
| | 356 x 254 x 178 | 343 x 254 x 185 | A12P10 | A12P10AL | 273 x 226 | 324 x 203 | 256 x 289 | 171 | 143 | 44 | 6 | 304 | 237 | 2 | |
| A16128JFGRR | 16.00 x 12.00 x 8.00 | 15.50 x 12.00 x 8.28 | A14P12 | A14P12AL | 12.75 x 10.88 | 14.75 x 10.00 | 16.00 x 13.39 | 7.75 | 6.13 | 2.25 | 0.25 | 13.78 | 11.16 | 2 | |
| | 406 x 305 x 203 | 394 x 305 x 210 | A14P12 | A14P12AL | 324 x 276 | 375 x 254 | 406 x 340 | 197 | 156 | 57 | 6 | 350 | 283 | 2 | |
| A18149JFGRR | 18.00 x 14.00 x 9.00 | 17.50 x 14.00 x 8.78 | A16P14 | A16P14AL | 14.75 x 12.88 | 16.75 x 12.00 | 18.00 x 15.39 | 8.25 | 6.63 | 2.25 | 0.25 | 15.78 | 13.16 | 2 | |
| | 457 x 356 x 229 | 445 x 356 x 223 | A16P14 | A16P14AL | 375 x 327 | 425 x 305 | 457 x 391 | 210 | 168 | 57 | 6 | 401 | 334 | 2 | |

Purchase panels separately. Optional stainless steel, aluminum and composite material panels available for most sizes.

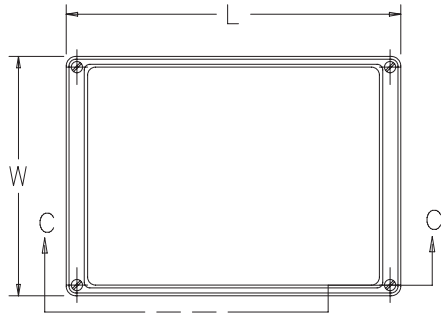
Standard Product **Window Cover with Quick-Release Latches**

| Catalog Number | Ax B x C in./mm | Inside Dimensions | | Steel Panel | Aluminum Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | Window Size | | | | Number of Latches |
|----------------|----------------------|----------------------|--------|-------------|----------------|-------------------------|-----------------------|----------------------|--------------|----------|----------|----------|-------------------|
| | | A x B x C in./mm | in./mm | | | | | | M x N in./mm | F in./mm | J in./mm | K in./mm | |
| A865JFGQPWR | 8.00 x 6.00 x 5.00 | 7.50 x 6.00 x 5.03 | A6P6 | A6P6AL | 4.88 x 4.88 | 6.75 x 4.00 | 8.00 x 7.39 | 4.55 x 4.00 | 4.52 | 4.38 | 1.00 | 0.31 | 1 |
| | 203 x 152 x 127 | 191 x 152 x 128 | A6P6 | A6P6AL | 124 x 124 | 171 x 102 | 203 x 188 | 116 x 102 | 115 | 111 | 25 | 8 | 1 |
| A1066JFGQPWR | 10.00 x 6.00 x 6.00 | 9.50 x 6.00 x 5.53 | A8P6 | A8P6AL | 6.75 x 4.88 | 8.75 x 4.00 | 10.00 x 7.39 | 6.55 x 4.00 | 5.00 | 4.63 | 1.25 | 0.25 | 2 |
| | 254 x 152 x 152 | 241 x 152 x 140 | A8P6 | A8P6AL | 171 x 124 | 222 x 102 | 254 x 188 | 166 x 102 | 127 | 118 | 32 | 6 | 2 |
| A1287JFGQPWR | 12.00 x 8.00 x 7.00 | 11.50 x 8.00 x 6.53 | A10P8 | A10P8AL | 8.75 x 6.88 | 10.75 x 6.00 | 12.00 x 9.39 | 8.25 x 5.84 | 6.00 | 5.13 | 1.75 | 0.25 | 2 |
| | 305 x 203 x 178 | 292 x 203 x 166 | A10P8 | A10P8AL | 222 x 175 | 273 x 152 | 305 x 239 | 210 x 148 | 152 | 130 | 44 | 6 | 2 |
| A14107JFGQPWR | 14.00 x 10.00 x 7.00 | 13.50 x 10.00 x 7.03 | A12P10 | A12P10AL | 10.75 x 8.88 | 12.75 x 8.00 | 14.00 x 11.39 | 10.28 x 6.84 | 6.52 | 5.63 | 1.75 | 0.25 | 2 |
| | 356 x 254 x 178 | 343 x 254 x 179 | A12P10 | A12P10AL | 273 x 226 | 324 x 203 | 253 x 289 | 261 x 174 | 166 | 143 | 44 | 6 | 2 |
| A16128JFGQPWR | 16.00 x 12.00 x 8.00 | 15.50 x 12.00 x 8.03 | A14P12 | A14P12AL | 12.75 x 10.88 | 14.75 x 10.00 | 16.00 x 13.39 | 12.34 x 9.10 | 7.52 | 6.13 | 2.25 | 0.25 | 2 |
| | 406 x 305 x 203 | 394 x 305 x 204 | A14P12 | A14P12AL | 324 x 276 | 375 x 254 | 406 x 340 | 313 x 231 | 191 | 156 | 57 | 6 | 2 |
| A18149JFGQPWR | 18.00 x 14.00 x 9.00 | 17.50 x 14.00 x 8.53 | A16P14 | A16P14AL | 14.75 x 12.88 | 16.75 x 12.00 | 18.00 x 15.39 | 14.45 x 11.06 | 8.00 | 6.63 | 2.25 | 0.25 | 2 |
| | 457 x 356 x 229 | 445 x 356 x 217 | A16P14 | A16P14AL | 375 x 327 | 425 x 305 | 457 x 391 | 367 x 281 | 203 | 168 | 57 | 6 | 2 |

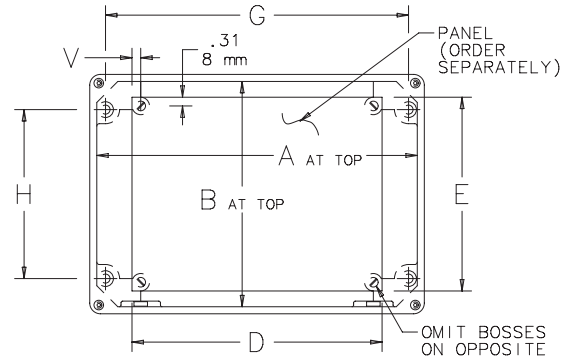
Purchase panels separately. Optional stainless steel, aluminum and composite material panels available for most sizes.

Continuous Hinge

Solid Screw Cover Enclosure

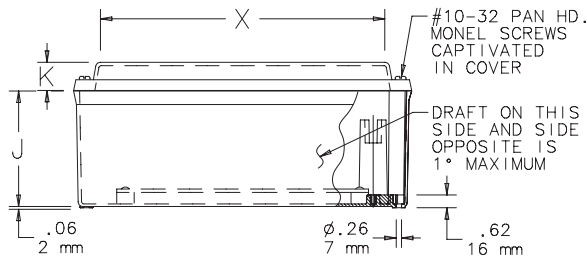


TOP VIEW WITH COVER

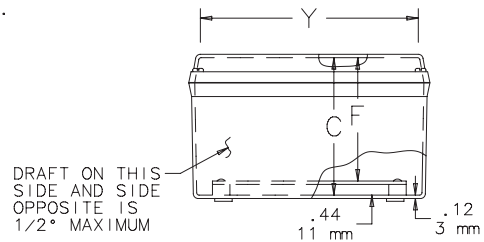


TOP VIEW WITH COVER REMOVED

NOTE: Panel screws have #10-32 threads.



SECTION C-C

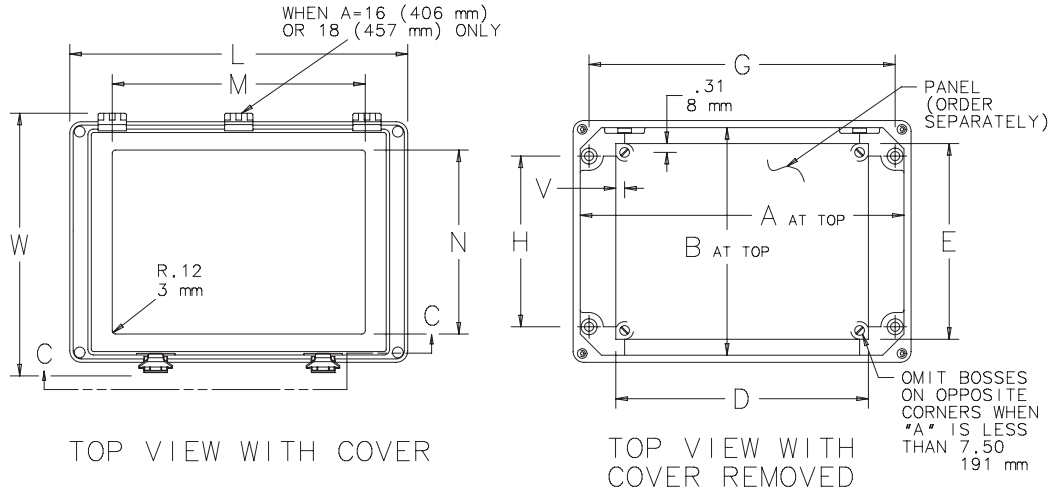


END VIEW

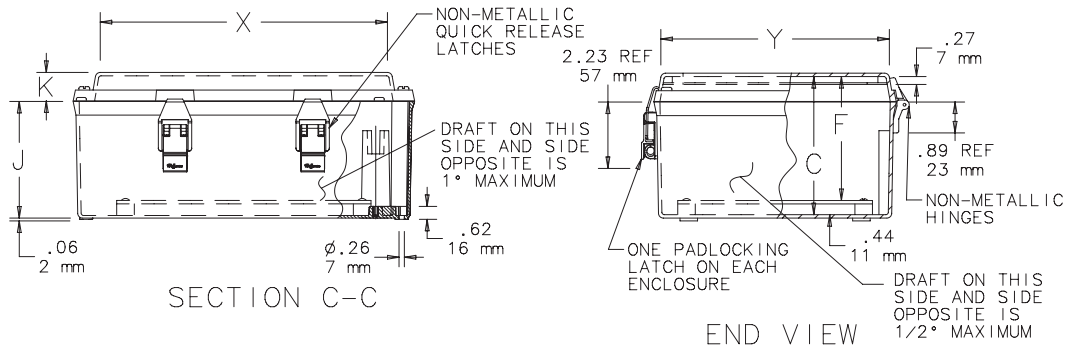
C2549-C

Continuous Hinge

Quick-Release Solid Cover Enclosure and Window Cover Enclosure



- NOTE: 1. Panel screws have #10-32 threads.
2. Hinged cover opens 200° maximum.



C2550-C

Fiberglass Mounting Bracket Kit



Bracket is molded from fiberglass reinforced polyester. Kit includes four brackets, hardware and installation instructions. Mounting hole dimensions with mounting brackets installed are:

$[G + 2.50 (64 \text{ mm})] \times [H + .50 (13 \text{ mm})]$

See Screw- or Hinged-Cover with Quick-Release Latch, Type 4X tables for G and H dimensions.

Bulletin: A50Y

| |
|----------------|
| Catalog Number |
| A50MFKR |

Overlapping Cover

Raised Cover with Screws, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a raised, overlapping-cover design that ensures a more-secure seal and offers increased internal space for mounting components. Available with removable and hinged covers for application flexibility.

Specifications

- Compression-molded fiberglass construction
- Overlapping solid raised-cover
- Cover fastens with screws
- Type 304 stainless steel piano hinges on hinged models
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also *Accessories*.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

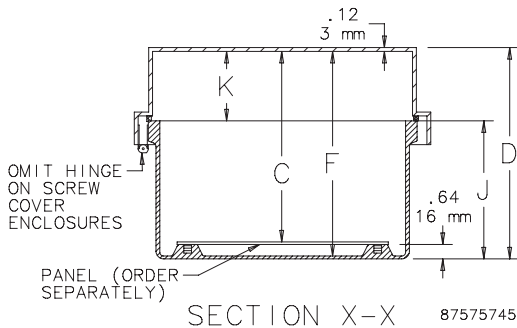
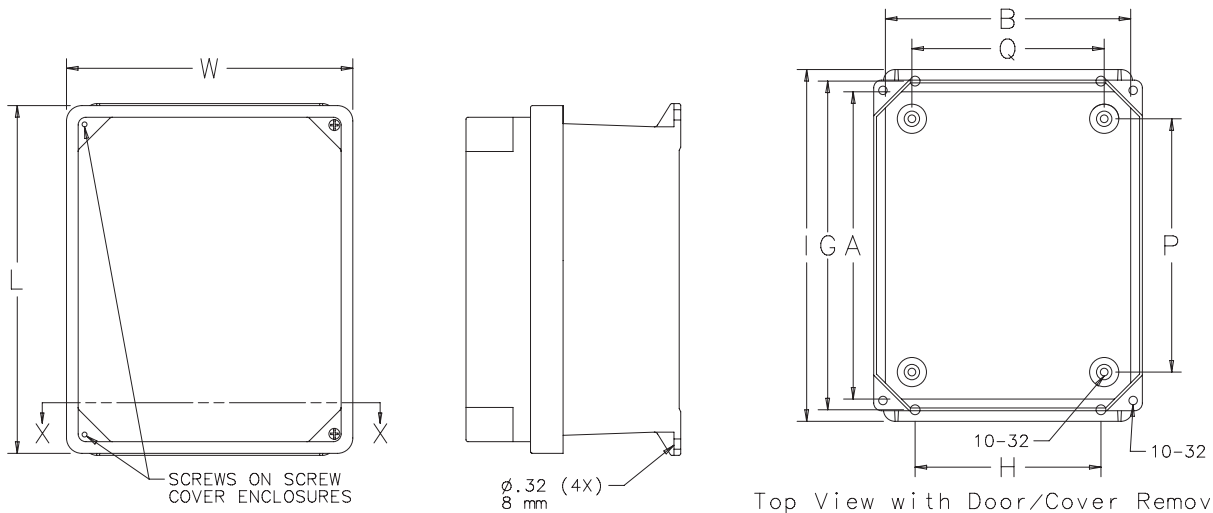
Overlapping Cover

Standard Product

| Catalog Number | AxBxC in./mm | Door Fasteners | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | O in./mm | P in./mm | Q in./mm | W in./mm | Steel Panel | Alum Panel | Panel Size in./mm |
|--------------------|--|---------------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|--------------|------------|--------------|--------------|--------------|-------------|------------|----------------------------|
| RHJ1008HWLG | 10.00 x 8.00 x 6.19 254 x 203 x 157 | Hinged, 2 screws | 6.93 176 | 6.61 168 | 10.75 273 | 6.02 153 | 11.52 293 | 4.54 115 | 2.27 58 | 11.31 287 | 3.15 80 | 8.25 210 | 6.24 158 | 9.31 276 | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJ1008WLG | 10.00 x 8.00 x 6.19 254 x 203 x 157 | 4 screws | 6.93 176 | 6.61 168 | 10.75 273 | 6.02 153 | 11.52 293 | 4.54 115 | 2.27 58 | 11.31 287 | 3.15 80 | 8.25 210 | 6.24 158 | 9.31 276 | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJ1210HWLG | 12.00 x 10.00 x 6.37 305 x 254 x 162 | Hinged, 2 screws | 7.10 180 | 6.77 172 | 12.75 324 | 8.01 203 | 13.51 343 | 4.71 120 | 2.27 58 | 13.30 338 | 3.25 80 | 10.25 260 | 8.25 210 | 11.29 211 | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJ1210WLG | 12.00 x 10.00 x 6.37 305 x 254 x 162 | 4 screws | 7.10 180 | 6.77 172 | 12.75 324 | 8.01 203 | 13.51 343 | 4.71 120 | 2.27 58 | 13.30 338 | 3.15 80 | 10.25 260 | 8.25 210 | 11.29 211 | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJ1412HWLG | 14.00 x 12.00 x 7.37 356 x 305 x 187 | Hinged, 2 screws | 8.19 208 | 7.87 200 | 14.75 375 | 10.00 254 | 15.50 394 | 5.68 144 | 2.39 61 | 15.21 389 | 3.27 83 | 12.25 311 | 10.24 260 | 13.30 338 | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJ1412WLG | 14.00 x 12.00 x 7.37 356 x 305 x 187 | 4 screws | 8.19 208 | 7.87 200 | 14.75 375 | 10.00 254 | 15.50 394 | 5.68 144 | 2.39 61 | 15.32 389 | 3.27 83 | 12.25 311 | 10.24 260 | 13.30 338 | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJ1614HWLG | 16.00 x 14.00 x 7.37 406 x 356 x 187 | Hinged, 2 screws | 8.19 208 | 7.87 200 | 16.73 425 | 12.00 305 | 17.52 445 | 5.68 144 | 2.39 61 | 17.31 440 | 3.27 83 | 14.25 362 | 12.24 311 | 15.30 289 | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1614WLG | 16.00 x 14.00 x 7.37 406 x 356 x 187 | 4 screws | 8.19 208 | 7.87 200 | 16.73 425 | 12.00 305 | 17.52 445 | 5.68 144 | 2.39 61 | 17.31 440 | 3.27 83 | 14.25 362 | 12.24 311 | 15.30 289 | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1816HWLG | 18.00 x 16.00 x 10.25 457 x 406 x 260 | Hinged, 2 screws | 11.07 281 | 10.83 275 | 18.74 476 | 12.00 305 | 19.50 495 | 8.56 217 | 2.39 61 | 19.32 491 | 3.27 83 | 16.25 413 | 14.25 362 | 17.31 440 | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 |
| RHJ1816WLG | 18.00 x 16.00 x 10.25 457 x 406 x 260 | 4 screws | 11.07 281 | 10.83 275 | 18.74 476 | 12.00 305 | 19.50 495 | 8.56 217 | 2.39 61 | 19.32 491 | 3.27 83 | 16.25 413 | 14.25 362 | 17.31 440 | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 |

A x B x C are internal dimensions.

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.



Overlapping Cover

Raised Cover with Latches, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a raised, hinged, overlapping cover design that ensures a more-secure seal and offers increased internal space for mounting components. Available with solid and window covers. Latches provide easy access and security.

Specifications

- Compression-molded fiberglass construction
- Overlapping raised solid- and window-covers
- Windows are clear polycarbonate
- Cover fastens with padlockable Type 316 stainless steel latches
- Type 304 stainless steel piano hinges
- Integral mounting brackets

- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

Standard Product

| Catalog Number | Ax B x C in./mm | No. of Latches | Window Size | | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | O in./mm | P in./mm | Q in./mm | W in./mm |
|-----------------|-----------------------|----------------|---------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | M x N in./mm | M x N in./mm | | | | | | | | | | | | |
| RHJB1008HWPL1LG | 10.00 x 8.00 x 6.19 | 1 | 8.00 x 6.00 | 6.93 | 6.61 | 10.75 | 6.02 | 11.52 | 4.54 | 2.27 | 11.31 | 3.15 | 8.25 | 6.24 | 9.31 | |
| | 254 x 203 x 157 | | 203 x 152 | 176 | 168 | 273 | 153 | 293 | 115 | 58 | 287 | 80 | 210 | 158 | 276 | |
| RHJB1210HWPL2LG | 12.00 x 10.00 x 6.37 | 2 | 10.00 x 8.00 | 7.10 | 6.77 | 12.75 | 8.01 | 13.51 | 4.71 | 2.27 | 13.30 | 3.15 | 10.25 | 8.25 | 11.29 | |
| | 305 x 254 x 162 | | 254 x 203 | 180 | 172 | 324 | 203 | 343 | 120 | 58 | 338 | 80 | 260 | 210 | 211 | |
| RHJB1412HWPL2LG | 14.00 x 12.00 x 7.37 | 2 | 12.00 x 10.00 | 8.19 | 7.87 | 14.75 | 10.00 | 15.50 | 5.68 | 2.39 | 15.32 | 3.27 | 12.25 | 10.24 | 13.30 | |
| | 356 x 305 x 187 | | 305 x 254 | 208 | 200 | 375 | 254 | 394 | 144 | 61 | 389 | 83 | 311 | 260 | 338 | |
| RHJB1614HWPL2LG | 16.00 x 14.00 x 7.37 | 2 | 14.00 x 12.00 | 8.19 | 7.87 | 16.73 | 12.00 | 17.52 | 5.68 | 2.39 | 17.31 | 3.27 | 14.25 | 12.24 | 15.30 | |
| | 406 x 356 x 187 | | 356 x 305 | 208 | 200 | 425 | 305 | 445 | 144 | 61 | 440 | 83 | 362 | 311 | 289 | |
| RHJ1008HWPL1LG | 10.00 x 8.00 x 6.19 | 1 | --- | 6.93 | 6.61 | 10.75 | 6.02 | 11.52 | 4.54 | 2.27 | 11.31 | 3.15 | 8.25 | 6.24 | 9.31 | |
| | 254 x 203 x 157 | | --- | 176 | 168 | 273 | 153 | 296 | 115 | 58 | 287 | 80 | 210 | 158 | 276 | |
| RHJ1210HWPL2LG | 12.00 x 10.00 x 6.37 | 2 | --- | 7.10 | 6.77 | 12.75 | 8.01 | 13.51 | 4.71 | 2.27 | 13.30 | 3.15 | 10.58 | 8.25 | 11.29 | |
| | 305 x 254 x 162 | | --- | 180 | 172 | 324 | 203 | 343 | 120 | 58 | 338 | 80 | 260 | 210 | 211 | |
| RHJ1412HWPL2LG | 14.00 x 12.00 x 7.37 | 2 | --- | 8.19 | 7.87 | 14.75 | 10.00 | 15.50 | 5.68 | 2.39 | 15.32 | 3.27 | 12.25 | 10.24 | 13.30 | |
| | 356 x 305 x 187 | | --- | 208 | 200 | 375 | 254 | 394 | 144 | 61 | 389 | 83 | 311 | 260 | 338 | |
| RHJ1614HWPL2LG | 16.00 x 14.00 x 7.37 | 2 | --- | 8.19 | 7.87 | 16.73 | 12.00 | 17.52 | 5.68 | 2.39 | 17.31 | 3.27 | 14.25 | 12.24 | 15.30 | |
| | 406 x 356 x 187 | | --- | 208 | 200 | 425 | 305 | 445 | 144 | 61 | 440 | 83 | 362 | 311 | 289 | |
| RHJ1816HWPL2LG | 18.00 x 16.00 x 10.25 | 2 | --- | 11.07 | 10.83 | 18.74 | 12.00 | 19.50 | 8.56 | 2.39 | 19.32 | 3.27 | 16.25 | 14.25 | 17.31 | |
| | 457 x 406 x 260 | | --- | 281 | 275 | 476 | 305 | 495 | 217 | 61 | 491 | 83 | 413 | 362 | 440 | |

A x B x C are internal dimensions.

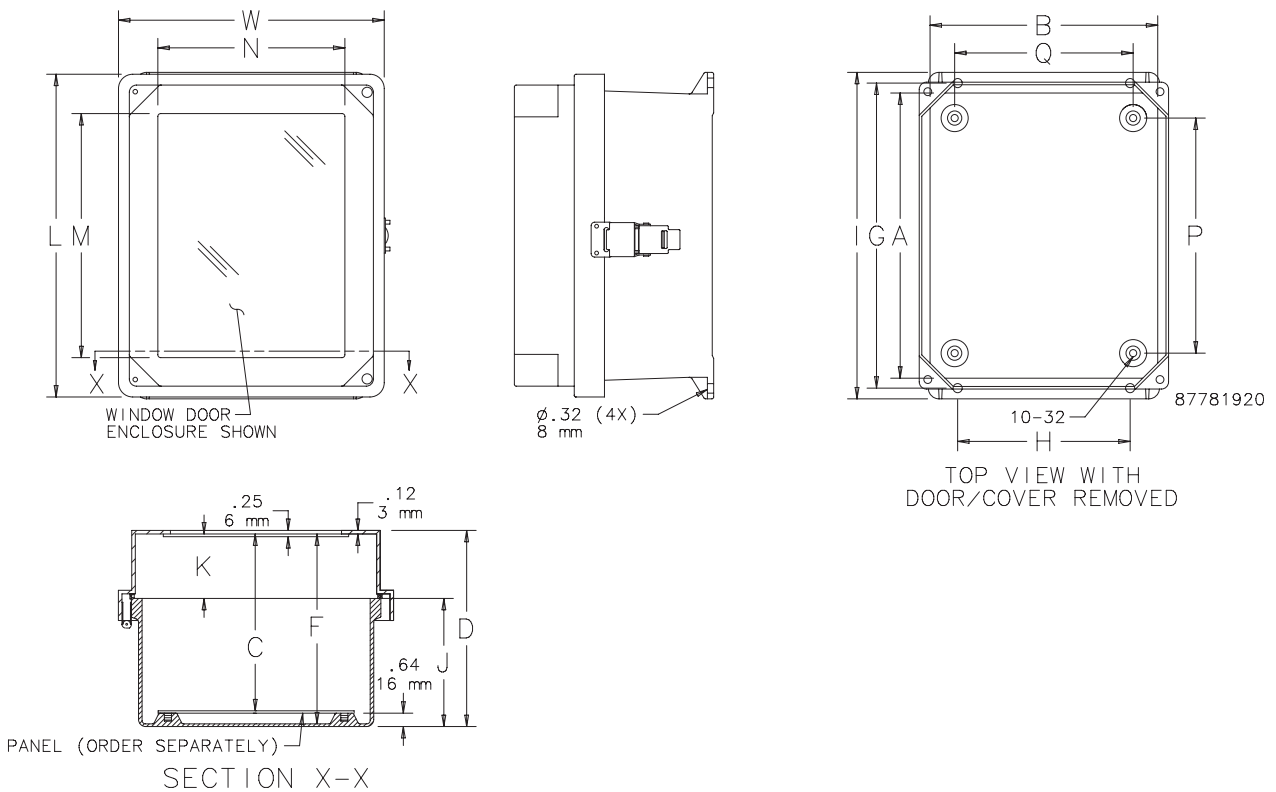
Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Overlapping Cover

Panels

| Enclosure Catalog Number | Steel Panel | Aluminum Panel | Panel Size in./mm |
|--------------------------|-------------|----------------|----------------------------|
| RHJB1008HWPL1LG | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJB1210HWPL2LG | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJB1412HWPL2LG | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJB1614HWPL2LG | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1008HWPL1LG | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJ1210HWPL2LG | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJ1412HWPL2LG | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJ1614HWPL2LG | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1816HWPL2LG | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 |

Raised Cover Window Enclosures



Overlapping Cover

Flat Cover with Screws, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a flat, overlapping cover design that ensures a more-secure seal. Available with removable and hinged covers for application flexibility.

Specifications

- Compression-molded fiberglass construction
- Overlapping flat, solid-covers
- Cover fastens with screws
- Type 304 stainless steel piano hinges on hinged models
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Bulletin: HJ

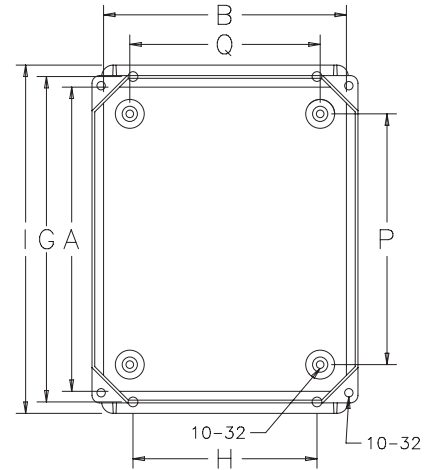
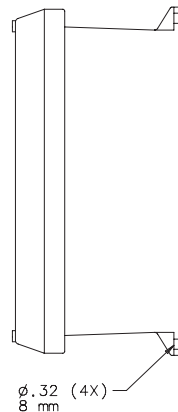
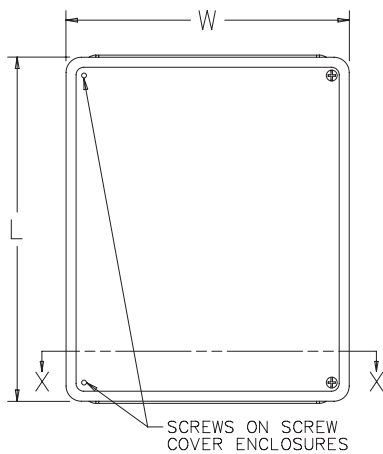
Overlapping Cover

Standard Product

| Catalog Number | AxBxC in./mm | Door Fasteners | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | O in./mm | P in./mm | Q in./mm | W in./mm | Steel Panel | Aluminum Panel | Panel Size in./mm |
|-------------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|----------------|-------------------|
| HJ606HWLG | 6.00 x 6.00 x 4.10 | Hinged, | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 1.38 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 |
| | 152 x 152 x 104 | 2 screws | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 35 | 108 | 108 | 186 | | | 124 x 124 |
| HJ606WLG | 6.00 x 6.00 x 4.10 | 4 screws | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 1.38 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 |
| | 152 x 152 x 104 | | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 35 | 108 | 108 | 186 | | | 124 x 124 |
| HJ806HWLG | 8.00 x 6.00 x 4.10 | Hinged, | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 1.77 | 6.25 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 |
| | 203 x 152 x 104 | 2 screws | 126 | 118 | 222 | 102 | 241 | 81 | 42 | 236 | 45 | 159 | 108 | 186 | | | 171 x 124 |
| HJ806WLG | 8.00 x 6.00 x 4.10 | 4 screws | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 1.77 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 |
| | 203 x 152 x 104 | | 126 | 118 | 222 | 102 | 241 | 81 | 42 | 236 | 45 | 159 | 108 | 186 | | | 171 x 124 |
| HJ1008HWLG | 10.00 x 8.00 x 4.59 | Hinged, | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.55 | 1.65 | 11.31 | 1.77 | 8.25 | 3.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 |
| | 254 x 203 x 117 | 2 screws | 138 | 130 | 273 | 153 | 293 | 93 | 42 | 287 | 45 | 210 | 158 | 236 | | | 222 x 102 |
| HJ1008WLG | 10.00 x 8.00 x 4.59 | 4 screws | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.88 | 1.65 | 11.31 | 1.77 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 |
| | 254 x 203 x 117 | | 138 | 130 | 273 | 153 | 293 | 93 | 42 | 287 | 45 | 210 | 158 | 236 | | | 222 x 102 |
| HJ1210HWLG | 12.00 x 10.00 x 4.74 | Hinged, | 5.58 | 5.24 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 1.77 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 |
| | 305 x 254 x 120 | 2 screws | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 45 | 160 | 210 | 287 | | | 273 x 226 |
| HJ1210WLG | 12.00 x 10.00 x 4.74 | 4 screws | 5.58 | 5.24 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 1.77 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 |
| | 305 x 254 x 120 | | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 45 | 160 | 210 | 287 | | | 273 x 226 |
| HJ1412HWLG | 14.00 x 12.00 x 5.74 | Hinged, | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 1.77 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 |
| | 356 x 305 x 146 | 2 screws | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 45 | 311 | 260 | 338 | | | 324 x 276 |
| HJ1412WLG | 14.00 x 12.00 x 5.74 | 4 screws | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 1.77 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 |
| | 356 x 305 x 146 | | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 45 | 311 | 260 | 338 | | | 324 x 276 |
| HJ1614HWLG | 16.00 x 14.00 x 5.74 | Hinged, | 6.70 | 6.38 | 16.75 | 12.00 | 14.52 | 4.93 | 1.65 | 17.31 | 1.77 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 |
| | 406 x 356 x 146 | 2 screws | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 45 | 362 | 311 | 389 | | | 375 x 327 |
| HJ1614WLG | 16.00 x 14.00 x 5.74 | 4 screws | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 1.77 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 |
| | 406 x 356 x 146 | | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 45 | 362 | 311 | 389 | | | 375 x 327 |
| HJ1816HWLG | 18.00 x 16.00 x 8.62 | Hinged, | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 1.77 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 |
| | 457 x 406 x 219 | 2 screws | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 45 | 413 | 362 | 440 | | | 425 x 378 |
| HJ1816WLG | 18.00 x 16.00 x 8.62 | 4 screws | 9.58 | 9.25 | 18.47 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 1.77 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 |
| | 457 x 406 x 219 | | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 45 | 413 | 362 | 440 | | | 375 x 378 |

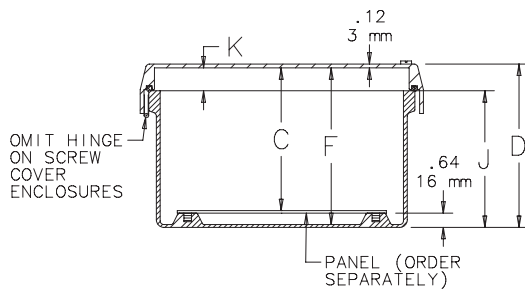
A x B x C are internal dimensions.

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.



Top View with Door/Cover Removed

87575746



SECTION X-X

Overlapping Cover

Flat Cover with Latches, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a flat, overlapping cover design that ensures a more-secure seal. Available with solid and window covers. Latches provide easy access and security.

Specifications

- Compression-molded fiberglass construction
- Overlapping solid- and window-cover models are available
- Windows are clear polycarbonate
- Cover fastens with padlockable Type 316 stainless steel latches
- Type 304 stainless steel piano hinges
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

Overlapping Cover

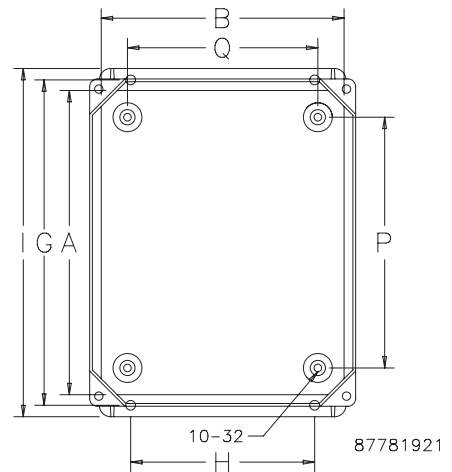
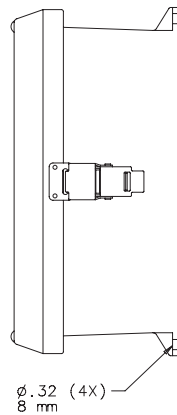
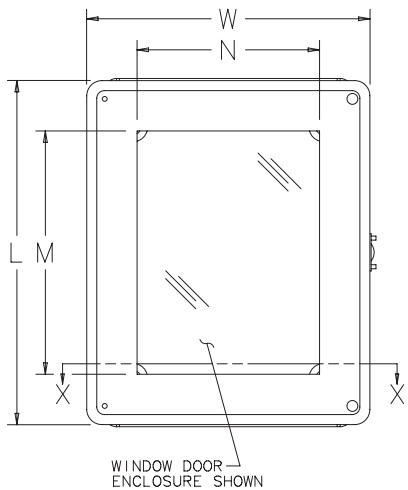
Standard Product

| Catalog Number | Ax B x Cin./mm | No. of Latches | Window Size | | | | | | | | | | | | | Steel Panel | Aluminum Panel | Panel Size in./mm |
|-----------------------|---|----------------|----------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|-------------|----------------------------|-------------------|
| | | | M x N in./mm | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | P in./mm | Q in./mm | W in./mm | | | | |
| HJ606HWPL1LG | 6.00 x 6.00 x 4.10 152 x 152 x 104 | 1 | — | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 124 x 124 | |
| HJ806HWPL1LG | 8.00 x 6.00 x 4.10 203 x 152 x 104 | 1 | — | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 171 x 124 | |
| HJ1008HWPL1LG | 10.00 x 8.00 x 4.59 254 x 203 x 117 | 1 | — | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.66 | 1.65 | 11.31 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 | |
| HJ1210HWPL2LG | 12.00 x 10.00 x 4.74 305 x 254 x 120 | 2 | — | 5.58 | 5.25 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 | |
| HJ1412HWPL2LG | 14.00 x 12.00 x 5.74 356 x 305 x 146 | 2 | — | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 | |
| HJ1614HWPL2LG | 16.00 x 14.00 x 5.74 406 x 356 x 146 | 2 | — | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 | |
| HJ1816HWPL2LG | 18.00 x 16.00 x 8.62 457 x 406 x 219 | 2 | — | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 | |
| HJB606HWPL1LG | 6.00 x 6.00 x 4.10 152 x 152 x 104 | 1 | 4.00 x 4.00 102 x 102 | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 4.25 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 124 x 124 | |
| HJB806HWPL1LG | 8.00 x 6.00 x 4.10 203 x 152 x 104 | 1 | 6.00 x 4.00 152 x 102 | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 1.88 171 x 124 | |
| HJB1008HWPL1LG | 10.00 x 8.00 x 4.59 254 x 203 x 117 | 1 | 8.00 x 6.00 203 x 152 | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.66 | 1.65 | 11.31 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 | |
| HJB1210HWPL2LG | 12.00 x 10.00 x 4.74 305 x 254 x 120 | 2 | 10.00 x 8.00 254 x 203 | 5.58 | 5.24 | 12.75 | 8.01 | 13.52 | 3.81 | 1.65 | 13.30 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.78 x 8.88 273 x 226 | |
| HJB1412HWPL2LG | 14.00 x 12.00 x 5.74 356 x 305 x 146 | 2 | 12.00 x 10.00 305 x 254 | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 | |
| HJB1614HWPL2LG | 16.00 x 14.00 x 5.74 406 x 356 x 146 | 2 | 14.00 x 12.00 356 x 305 | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 | |
| HJB1816HWPL2LG | 18.00 x 16.00 x 8.62 457 x 406 x 219 | 2 | 16.00 x 14.00 406 x 356 | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 | |

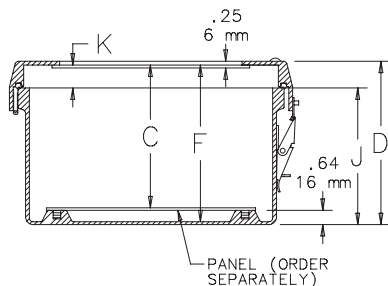
A x B x C are internal dimensions.

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Flat Cover Window Enclosures



Top View with Door/Cover Removed



SECTION X-X

Overlapping Cover

Flat Clear Cover with Latches, Type 4X



Specifications

- Compression-molded fiberglass construction
- Clear polycarbonate viewing area
- Cover fastens with padlockable Type 316 stainless steel latches
- Type 304 stainless steel piano hinges
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted

Accessories

See also *Accessories*.

H2OMIT® Vent Drains, Type 4X

HOL-SEALERS™ Non-Metallic Hole Seals

Panels for Junction Boxes

Swing-Out Panel Kit

Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13

CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13

IEC 60529, IP66

Meets NEMA Type 3RX requirements

Application

Enclosures feature a flat, overlapping clear cover design that ensures a more-secure seal and provides a larger viewing area than a traditional window. Latches provide easy access and security.

Standard Product

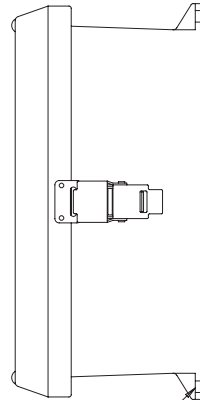
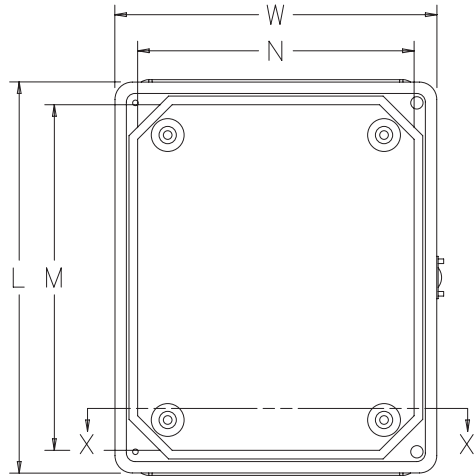
| Catalog Number | Ax B x C in./mm | No. of Latches | Window Size | | | | | | | | | | | | | Steel Panel | Aluminum Panel | Panel Size in./mm |
|----------------|----------------------|----------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|-------------|----------------|-------------------|
| | | | N x M in./mm | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | P in./mm | Q in./mm | W in./mm | | | | |
| CHJ606HWPL1LG | 6.00 x 6.00 x 4.10 | 1 | 6.00 x 6.00 | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 | |
| | 152 x 152 x 104 | | 152 x 152 | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 108 | 108 | 186 | | | 124 x 124 | |
| CHJ806HWPL1LG | 8.00 x 6.00 x 4.10 | 1 | 8.00 x 6.00 | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 4.34 | 1.65 | 9.30 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 | |
| | 203 x 152 x 104 | | 203 x 152 | 126 | 118 | 222 | 102 | 241 | 110 | 42 | 276 | 159 | 108 | 186 | | | 171 x 124 | |
| CHJ1008HWPL1LG | 10.00 x 8.00 x 4.59 | 1 | 10.00 x 8.00 | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.66 | 1.65 | 11.31 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 | |
| | 254 x 203 x 117 | | 254 x 203 | 138 | 130 | 273 | 153 | 293 | 93 | 42 | 287 | 210 | 158 | 236 | | | 222 x 102 | |
| CHJ1210HWPL2LG | 12.00 x 10.00 x 4.74 | 2 | 12.00 x 10.00 | 5.58 | 5.24 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 | |
| | 305 x 254 x 120 | | 305 x 254 | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 260 | 210 | 287 | | | 273 x 226 | |
| CHJ1412HWPL2LG | 14.00 x 12.00 x 5.74 | 2 | 14.00 x 12.00 | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 | |
| | 356 x 305 x 146 | | 356 x 305 | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 311 | 260 | 338 | | | 324 x 276 | |
| CHJ1614HWPL2LG | 16.00 x 14.00 x 5.74 | 2 | 16.00 x 14.00 | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 | |
| | 406 x 356 x 146 | | 406 x 356 | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 362 | 311 | 389 | | | 375 x 327 | |
| CHJ1816HWPL2LG | 18.00 x 16.00 x 8.62 | 2 | 18.00 x 16.00 | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 | |
| | 457 x 406 x 219 | | 457 x 406 | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 413 | 362 | 440 | | | 425 x 378 | |

A x B x C are internal dimensions.

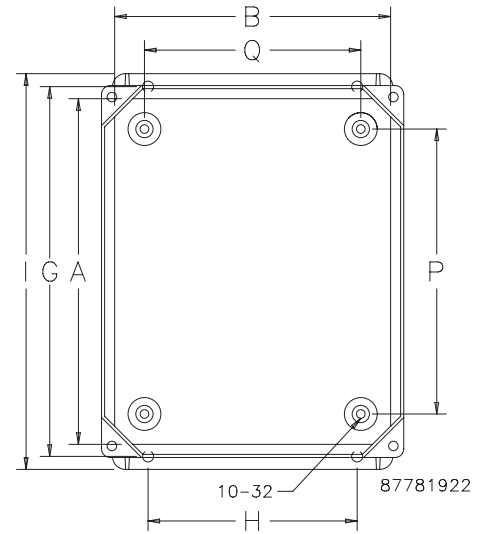
Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Overlapping Cover

Flat Clear Cover Window Enclosures

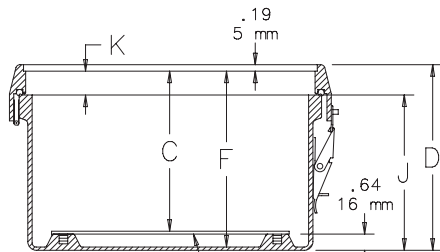


Ø.32 (4X)
8 mm



87781922

Top View with Door/Cover Removed



SECTION X-X

ULTRX®
ULTRX®, Type 4X

Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E619977
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 42186: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Providing outstanding protection against corrosion and the elements, the clean lines and molded, embossed design of ULTRX® fiberglass enclosures make them the most stylish and aesthetically pleasing of their class. These enclosures feature hidden hinges, a padlocking capability for security, and flexible internal mounting options.

Specifications

- Compression-molded fiberglass material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties, including high-impact resistance
- Fiberglass is easily punched, drilled, filed or sawed
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Enclosure may be rotated 180 degrees for left and right hinging
- Molded-in drip shields are standard with each enclosure
- Impact-resistant polycarbonate window is permanently bonded in place
- Fiberglass mounting brackets and stainless steel attachment screws are provided with each enclosure
- Unique hinge design allows for standard 180 degree door opening with a maximum opening of 270 degrees
- Door hinges are replaceable
- Type 316 stainless steel quarter-turn latch. Optional keylocking or padlocking handle available.
- Molded-in DIN bosses
- Molded bosses on door provide additional mounting provisions
- Integral mounting rails provide infinite panel adjustment front to back
- Optional data pocket is high-impact thermoplastic

Finish

Exterior surface painted light-gray acrylic enamel for enhanced UV protection. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 H2OMIT® Thermoelectric Dehumidifier
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
 Rack Angles (Type RA)

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

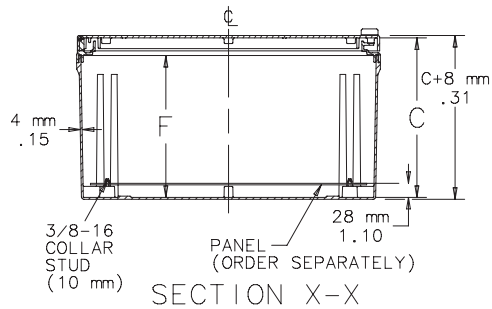
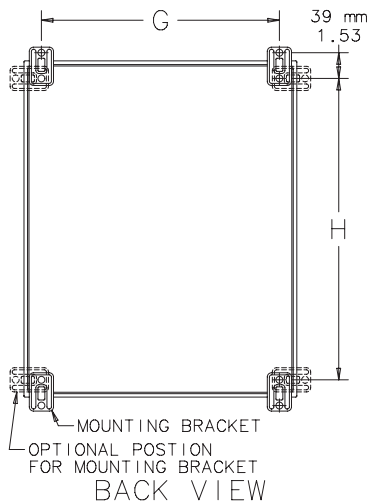
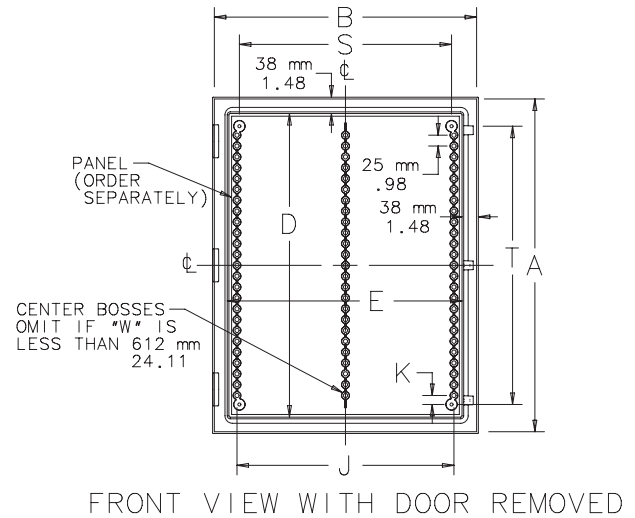
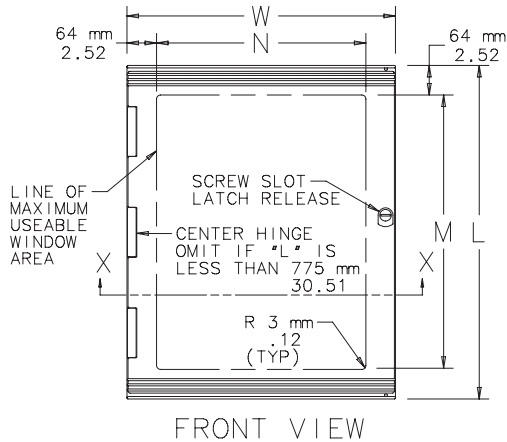
Bulletin: UX1

Standard Product

| Catalog Number | Door Style | External Dimensions | | Internal Dimensions | | Panel | Conductive Panel | Panel Size | | Mounting | | Window Size | | | | |
|----------------|------------|---------------------|--------|-----------------------|--------|--------|------------------|-----------------|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|--|
| | | L x W mm/in. | mm/in. | A x B x C mm/in. | mm/in. | | | D x E mm/in. | G x H mm/in. | M x N mm/in. | F mm/in. | J mm/in. | K mm/in. | S mm/in. | T mm/in. | |
| UU504020 | Solid | 513 x 413 | — | 496 x 396 x 220 | — | A20P16 | A20P16G | 432 x 330 | 359 x 459 | — | 186 | 297 | 19 | 286 | 387 | |
| | | 20.20 x 16.26 | — | 19.53 x 15.59 x 8.66 | — | — | — | 17.00 x 12.99 | 14.13 x 18.07 | — | 7.32 | 11.69 | 0.75 | 11.26 | 15.24 | |
| UU504020W | Window | 513 x 413 | — | 496 x 396 x 220 | — | A20P16 | A20P16G | 439 x 330 | 359 x 459 | 386 x 286 | 186 | 297 | 19 | 286 | 387 | |
| | | 20.20 x 16.26 | — | 19.53 x 15.59 x 8.66 | — | — | — | 17.00 x 12.99 | 14.13 x 18.07 | 15.20 x 11.26 | 7.32 | 11.69 | 0.75 | 11.26 | 15.24 | |
| UU606020 | Solid | 625 x 612 | — | 608 x 595 x 220 | — | A24P24 | A24P24G | 533 x 533 | 559 x 572 | — | 186 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 8.66 | — | — | — | 20.98 x 20.98 | 22.01 x 22.52 | — | 7.32 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU606020W | Window | 625 x 612 | — | 608 x 595 x 220 | — | A24P24 | A24P24G | 533 x 533 | 559 x 572 | 498 x 486 | 186 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 8.66 | — | — | — | 20.98 x 20.98 | 22.01 x 22.52 | 19.61 x 19.13 | 7.32 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU605025 | Solid | 625 x 513 | — | 608 x 496 x 270 | — | A24P20 | A24P20G | 533 x 432 | 457 x 570 | — | 239 | 400 | 21 | 387 | 489 | |
| | | 24.61 x 20.20 | — | 23.94 x 19.53 x 10.63 | — | — | — | 20.98 x 17.00 | 17.99 x 22.44 | — | 9.41 | 15.75 | 0.83 | 15.24 | 19.25 | |
| UU605025W | Window | 625 x 513 | — | 608 x 496 x 270 | — | A24P20 | A24P20G | 533 x 432 | 457 x 570 | 498 x 386 | 239 | 400 | 21 | 387 | 489 | |
| | | 24.61 x 20.20 | — | 23.94 x 19.53 x 10.63 | — | — | — | 20.98 x 17.00 | 17.99 x 22.44 | 19.61 x 15.20 | 9.41 | 15.75 | 0.83 | 15.24 | 19.25 | |
| UU504030 | Solid | 513 x 412 | — | 496 x 395 x 321 | — | A20P16 | A20P16G | 432 x 330 | 355 x 455 | — | 287 | 300 | 19 | 286 | 387 | |
| | | 20.20 x 16.22 | — | 19.53 x 15.55 x 12.64 | — | — | — | 17.00 x 12.99 | 13.98 x 17.91 | — | 11.30 | 11.81 | 0.75 | 11.26 | 15.24 | |
| UU504030W | Window | 513 x 412 | — | 496 x 395 x 321 | — | A20P16 | A20P16G | 432 x 330 | 355 x 455 | 386 x 286 | 287 | 300 | 19 | 286 | 387 | |
| | | 20.20 x 16.22 | — | 19.53 x 15.55 x 12.64 | — | — | — | 17.00 x 12.99 | 13.98 x 17.91 | 15.20 x 11.26 | 11.30 | 11.81 | 0.75 | 11.26 | 15.24 | |
| UU606030 | Solid | 625 x 612 | — | 608 x 595 x 321 | — | A24P24 | A24P24G | 533 x 533 | 555 x 568 | — | 287 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 12.64 | — | — | — | 20.98 x 20.98 | 21.85 x 22.36 | — | 11.30 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU606030W | Window | 625 x 612 | — | 608 x 595 x 321 | — | A24P24 | A24P24G | 533 x 533 | 555 x 568 | 498 x 486 | 287 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 12.64 | — | — | — | 20.98 x 20.98 | 21.85 x 22.36 | 19.61 x 19.13 | 11.30 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU756030 | Solid | 775 x 612 | — | 758 x 595 x 321 | — | A30P24 | A30P24G | 686 x 533 | 555 x 718 | — | 287 | 500 | 21 | 489 | 641 | |
| | | 30.51 x 24.09 | — | 29.84 x 23.43 x 12.64 | — | — | — | 27.01 x 20.98 | 21.85 x 28.27 | — | 11.30 | 19.68 | 0.83 | 19.25 | 25.24 | |

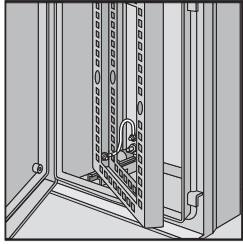
| Catalog Number | Door Style | External Dimensions | | Internal Dimensions | | Panel | Conductive Panel | Panel Size | | Mounting | | Window Size | | F | J | K | S | T |
|----------------|------------|---------------------|--------|-----------------------|--------|--------|------------------|---------------|--------|---------------|--------|---------------|--------|-------|-------|------|-------|-------|
| | | L x W | mm/in. | A x B x C | mm/in. | | | D x E | mm/in. | G x H | mm/in. | M x N | mm/in. | | | | | |
| UU756030W | Window | 775 x 612 | | 758 x 595 x 321 | | A30P24 | A30P24G | 686 x 533 | | 555 x 718 | | 648 x 486 | | 287 | 500 | 21 | 489 | 641 |
| | | 30.51 x 24.09 | | 29.84 x 23.43 x 12.64 | | | | 27.01 x 20.98 | | 21.85 x 28.27 | | 25.51 x 19.13 | | 11.30 | 19.68 | 0.83 | 19.25 | 25.24 |
| UU1008030 | Solid | 1025 x 825 | | 1008 x 808 x 321 | | A40P30 | A40P30G | 940 x 737 | | 768 x 968 | | — | | 287 | 700 | 23 | 692 | 895 |
| | | 40.35 x 32.48 | | 39.68 x 31.81 x 12.64 | | | | 37.01 x 29.02 | | 30.24 x 38.11 | | — | | 11.30 | 27.56 | 0.91 | 27.24 | 35.24 |
| UU1008030W | Window | 1025 x 825 | | 1008 x 808 x 321 | | A40P30 | A40P30G | 940 x 737 | | 768 x 968 | | 898 x 698 | | 287 | 700 | 23 | 692 | 895 |
| | | 40.35 x 32.48 | | 39.68 x 31.81 x 12.64 | | | | 37.01 x 29.02 | | 30.24 x 38.11 | | 35.35 x 27.48 | | 11.30 | 27.56 | 0.91 | 27.24 | 35.24 |
| UU606040 | Solid | 625 x 612 | | 608 x 595 x 421 | | A24P24 | A24P24G | 533 x 533 | | 555 x 568 | | — | | 387 | 500 | 21 | 489 | 489 |
| | | 24.61 x 24.09 | | 23.94 x 23.43 x 16.57 | | | | 20.98 x 20.98 | | 21.85 x 22.36 | | — | | 15.24 | 19.68 | 0.83 | 19.25 | 19.25 |
| UU606040W | Window | 625 x 612 | | 608 x 595 x 421 | | A24P24 | A24P24G | 533 x 533 | | 555 x 568 | | 498 x 486 | | 387 | 500 | 21 | 489 | 489 |
| | | 24.61 x 24.09 | | 23.94 x 23.43 x 16.57 | | | | 20.98 x 20.98 | | 21.85 x 22.36 | | 19.61 x 19.13 | | 15.24 | 19.68 | 0.83 | 19.25 | 19.25 |
| UU756040 | Solid | 775 x 612 | | 758 x 595 x 421 | | A30P24 | A30P24G | 686 x 533 | | 555 x 718 | | — | | 387 | 500 | 21 | 489 | 641 |
| | | 30.51 x 24.09 | | 29.84 x 23.43 x 16.57 | | | | 27.01 x 20.98 | | 21.85 x 28.27 | | — | | 15.24 | 19.68 | 0.83 | 19.25 | 25.24 |
| UU756040W | Window | 775 x 612 | | 758 x 595 x 421 | | A30P24 | A30P24G | 686 x 533 | | 555 x 718 | | 648 x 486 | | 387 | 500 | 21 | 489 | 641 |
| | | 30.51 x 24.09 | | 29.84 x 23.43 x 16.57 | | | | 27.01 x 20.98 | | 21.85 x 28.27 | | 25.51 x 19.13 | | 15.24 | 19.68 | 0.83 | 19.25 | 25.24 |

Purchase panels separately.



C2553-C

Grounding Device



Grounding Device provides a means to attach a grounding conductor to an ULTRX Swing-Out Panel or Swing-Out Frame. Includes all installation hardware and instructions.

Bulletin: UX1Y

| Catalog Number | Description |
|----------------|------------------------|
| UUGK | ULTRX Grounding Device |

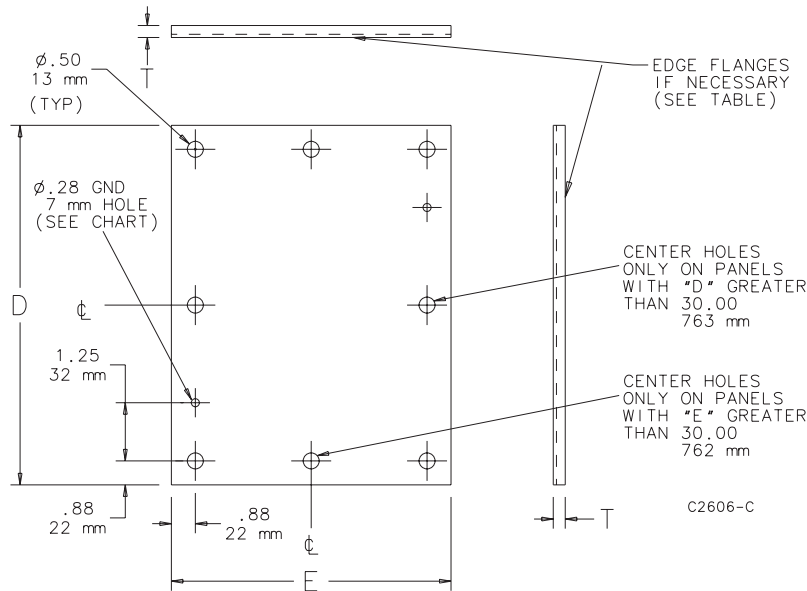
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures

Steel panels are 12 gauge with a white finish. Panel mounting hardware is furnished with all enclosures which accept these panels.

Bulletin: DWS12, PNLWM

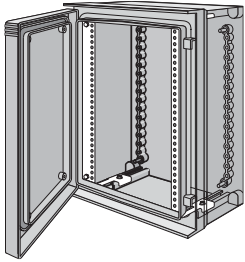
| Catalog Number | Panel Gauge | Flange | | Panel Size D x E (in.) | Panel Size D x E (mm) | Number of Holes | Edge Flanges |
|----------------|-------------|-------------------|------------------|------------------------|-----------------------|-----------------|--------------|
| | | Thickness T (in.) | Thickness T (mm) | | | | |
| A20P16 | 12 | — | — | 17.00 x 13.00 | 432 x 330 | 4 | None |
| A24P20 | — | 0.75 | 19 | 21.00 x 17.00 | 533 x 432 | 4 | 2 |
| A24P24 | — | 0.75 | 19 | 21.00 x 21.00 | 533 x 533 | 4 | 2 |
| A24P24WD | — | 0.75 | 19 | 21.00 x 21.00 | 533 x 533 | 4 | — |
| A30P24 | — | 0.75 | 19 | 27.00 x 21.00 | 686 x 533 | 4 | 2 |
| A40P30 | — | 0.75 | 19 | 37.00 x 29.00 | 940 x 737 | 4 | 4 |

Catalog number with "WD" is wood.



ULTRX®

Rack Angles (Type RA)

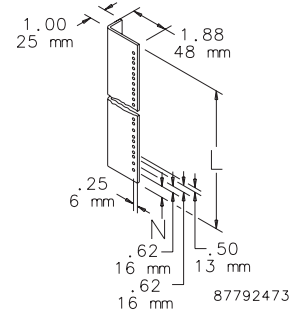


Pairs of full-length rack-mounting angles are available for mounting 1-in. (483-mm) rack-mounted equipment. Type RA angles are 14 gauge steel with .281-in. (7-mm) diameter mounting holes, spaced per EIA standard RS-310-D (universal spacing). Use Clip Nut Package (AN1032) to provide tapped holes at desired locations. Angles and mounting hardware are plated steel. Mounting hardware is furnished.

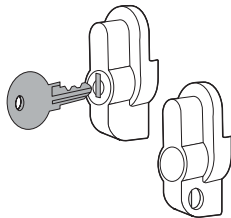
Bulletin: UX1Y

| Catalog Number | Fits A x B | | Rack Units | Pkg. Qty. |
|----------------|---------------|----------|------------|-----------|
| | mm/in. | L mm/in. | | |
| UURA6060 | 610 x 610 | 552 | 10 | 2 |
| | 24.00 x 24.00 | 21.75 | .38 | |
| UURA7560 | 762 x 610 | 705 | 19 | 2 |
| | 30.00 x 24.00 | 27.75 | .75 | |

Use UURA6060 with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.

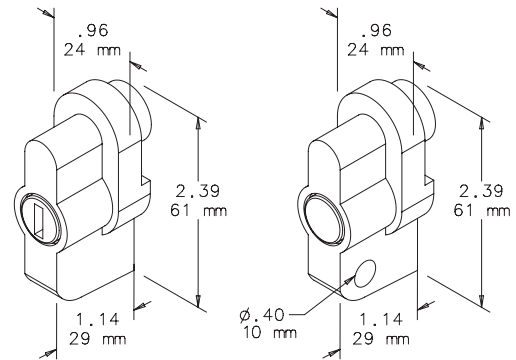


Keylock Kit and Padlock Kit



Keylock Kit or pushbutton-style Padlock Kit is easily inserted in latch hole to prevent unauthorized personnel from gaining access to enclosure contents. Each kit is fully assembled for easy installation in the field. Type 316 stainless steel construction.

Bulletin: UX1Y



Keylock Kit

Padlock Kit

87792346

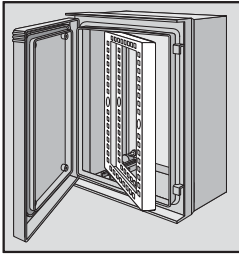
| Catalog Number | Description |
|----------------|-------------|
| UUHKL | Keylock Kit |
| UUHPL | Padlock Kit |

UUHKL: Internal key components are not stainless steel.

UUHPL: Handles maintain UL 508A, Type 3, 4, 4X and 12 when properly installed on a Hoffman enclosure. Set up for 1/4-in. or 3/8-in. padlock.

ULTRX®

Swing Frame

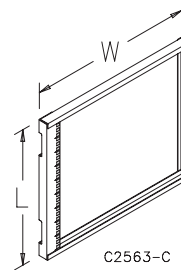


Swing Frame provides 19-in. rack-mounting capabilities with U-Style (Type RA) mounting hole pattern. Quarter-turn latch has 100-degree swing. Adjustable mounting provision. 14 gauge plated steel. Includes mounting hardware. Swing frame maintains enclosure rating if properly installed in a Hoffman enclosure. *Swing Frame will not slide all the way forward in 400-mm-deep enclosures. Consult factory for more information.*

Bulletin: UX1Y

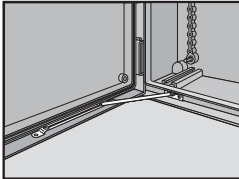
| Catalog Number | Fits A x B mm/in. | L mm/in. | W mm/in. | Rack Units |
|----------------|----------------------|-------------|-------------|---------------|
| UU6060SF | 610 x 610 | 540 | 535 | 11 |
| | 24.00 x 24.00 | 21.25 | 21.08 | |
| UU7560SF | 762 x 610 | 687 | 535 | 14 |
| | 30.00 x 24.00 | 27.05 | 21.08 | |

Use UU6060SF with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.



C2563-C

Door Stop Kit



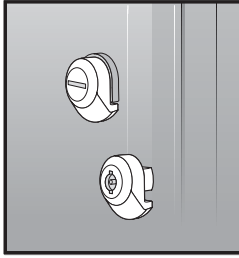
Door Stop Kit limits door to 120-degree opening. Field installable on all sizes of ULTRX enclosures. Type 304 stainless steel construction.

Bulletin: UX1Y

| Catalog Number | Description |
|----------------|---------------|
| UU5 | Door Stop Kit |

ULTRX®

ULTRX® Key Insert

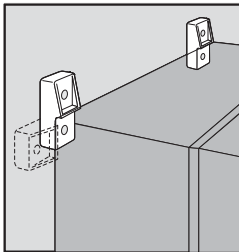


Inserts can be substituted for the standard quarter-turn latch. Inserts are Type 316 stainless steel.

Bulletin: UX1Y

| Catalog Number | Insert Type |
|----------------|-------------------|
| UUL3DB | Double-bit 3 mm |
| UULSC | Screw driver slot |

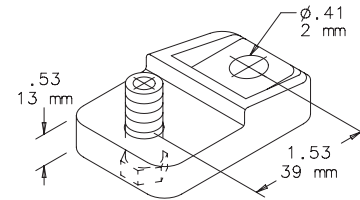
ULTRX® Mounting Bracket Kit



Kit is field-installable. Corrosion-resistant fiberglass material. Type 316 stainless steel mounting hardware is included. Four mounting brackets per kit.

Bulletin: UX1Y

| Catalog Number | Description | Kit Qty. |
|----------------|----------------------|----------|
| UUMF | Mounting Bracket Kit | 4 |



11C59177

Hinge-Cover with 3-Point Latch or Quick-Release Latches

Hinge-Cover with 3-Point Latch or Quick-Release Latches, Type 4X



Industry Standards

| |
|--|
| UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E61997 Enclosure flammability evaluated per UL 508A |
|--|

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

A full range of modification options are available for wall-mount fiberglass enclosures, including variable depths to accommodate larger controls. These enclosures feature stainless steel padlocking hasps or Hoffman's exclusive POWERGLIDE® Handle with 3-point latching for ease of access with increased security.

Specifications

- Fiberglass-reinforced material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties
- Type 316L stainless steel padlocking POWERGLIDE Handle on 3-point latch versions assures security and a water-tight seal while still allowing convenient access
- Quick-release latch versions feature fiberglass-reinforced polyester latches with integral Type 316L stainless steel padlocking hasp
- Seams are sealed; no holes or knockouts

- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Fiberglass material is easily punched, drilled, filed or sawed
- Data pocket is high-impact thermoplastic
- Copper-flashed steel collar studs for mounting optional panels and terminal block kits

Finish

Fiberglass enclosure is gray inside and out. Handle is Type 316L stainless steel electropolished. Optional steel panels are painted white. Optional stainless steel, aluminum and composite panels available in select sizes.

Accessories

See also Accessories
 H2OMIT® Thermoelectric Dehumidifier
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels
 Stainless Steel Window Kits
 Terminal Block Kit Assembly
 Thermal Accessories

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A17W3, A17WM

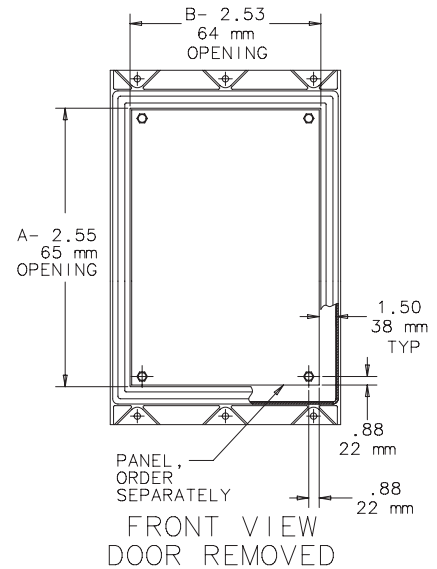
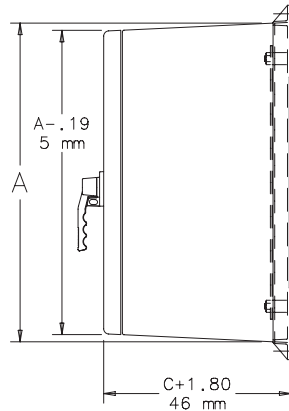
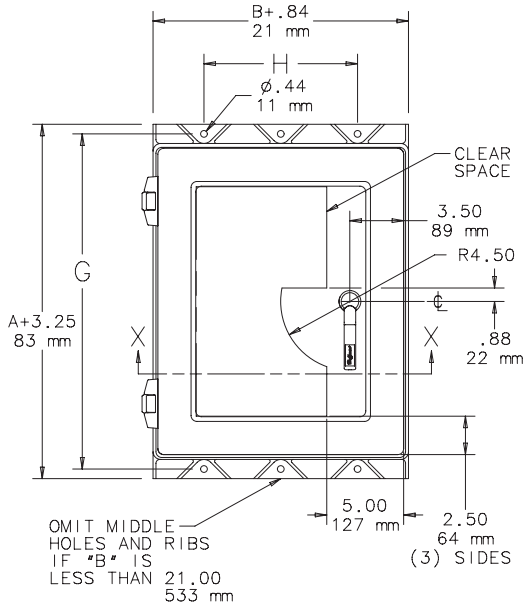
Hinge-Cover with 3-Point Latch or Quick-Release Latches

Standard Product 3-Point Latch

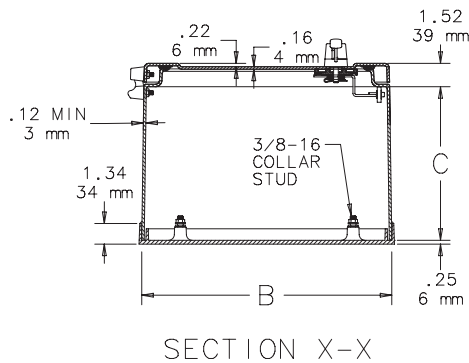
| Catalog Number | AxBxC in. | AxBxC mm | Panel | Conductive Panel | Panel Size Height (in.) | Panel Size Height (mm) | G x H (in.) | G x H (mm) |
|------------------|-----------------------|-----------------|--------|------------------|-------------------------|------------------------|---------------|------------|
| A24H2006GQRLP3PT | 24.25 x 20.25 x 6.00 | 616 x 514 x 203 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 |
| A20H2008GQRLP3PT | 20.19 x 20.25 x 8.00 | 513 x 514 x 203 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 |
| A24H2008GQRLP3PT | 24.25 x 20.25 x 8.00 | 616 x 514 x 203 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 |
| A24H2408GQRLP3PT | 24.19 x 24.19 x 8.00 | 614 x 614 x 203 | A24P24 | A24P24 | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 |
| A30H2408GQRLP3PT | 30.25 x 24.25 x 8.00 | 768 x 616 x 203 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 |
| A36H3008GQRLP3PT | 36.25 x 30.25 x 8.00 | 921 x 768 x 203 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 |
| A24H2010GQRLP3PT | 24.25 x 20.25 x 10.00 | 616 x 514 x 254 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 |
| A30H2410GQRLP3PT | 30.25 x 24.25 x 10.00 | 768 x 616 x 254 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 |
| A24H2412GQRLP3PT | 24.19 x 24.19 x 12.00 | 614 x 614 x 305 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 |
| A30H2412GQRLP3PT | 30.25 x 24.25 x 12.00 | 768 x 616 x 305 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 |
| A36H3012GQRLP3PT | 36.25 x 30.25 x 12.00 | 921 x 768 x 305 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 |

Purchase panels separately. Optional stainless steel, composite and aluminum panels available for most sizes. See General Accessories.

Hinged with 3-Point Latch Enclosures



87786694



Hinge-Cover with 3-Point Latch or Quick-Release Latches

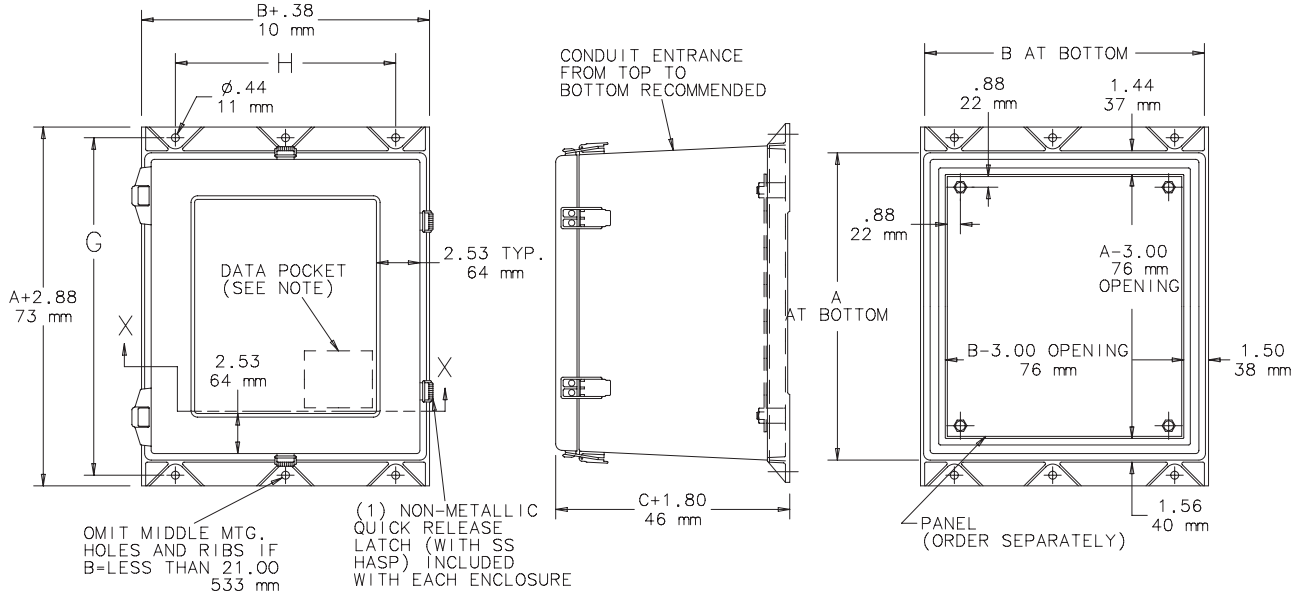
Standard Product Quick-Release Latch

| Catalog Number | AxBxC in. | AxBxC mm | Panel | Cond. Panel | Panel Size (in.) | Panel Size (mm) | Mtg G x H (in.) | Mtg G x H (mm) | No. of Latches | Add'l "C" Dim's (in.) | Add'l "C" Dim's (mm) | Add'l "C" Dim's (in.) | Add'l "C" Dim's (mm) | Add'l "C" Dim's (in.) | Add'l "C" Dim's (mm) |
|----------------|-----------------------|------------------|--------|-------------|------------------|-----------------|-----------------|----------------|----------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|
| A20H1606GQRLP | 20.19 x 16.25 x 6.00 | 513 x 413 x 152 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2006GQRLP | 20.19 x 20.25 x 6.00 | 513 x 514 x 152 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2006GQRLP | 24.25 x 20.25 x 6.00 | 616 x 514 x 152 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | — | — | — | — | — | — |
| A30H2406GQRLP | 30.25 x 24.25 x 6.00 | 768 x 616 x 152 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A20H1608GQRLP | 20.19 x 16.25 x 8.00 | 513 x 413 x 203 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2008GQRLP | 20.19 x 20.25 x 8.00 | 513 x 514 x 203 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2008GQRLP | 24.25 x 20.25 x 8.00 | 616 x 514 x 203 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | — | — | — | — | — | — |
| A24H2408GQRLP | 24.19 x 24.19 x 8.00 | 614 x 614 x 203 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | — | — | — | — | — | — |
| A30H2408GQRLP | 30.25 x 24.25 x 8.00 | 768 x 616 x 203 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A36H3008GQRLP | 36.25 x 30.25 x 8.00 | 921 x 768 x 203 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 | 5 | — | — | — | — | — | — |
| A20H1610GQRLP | 20.19 x 16.25 x 10.00 | 513 x 413 x 254 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2010GQRLP | 20.19 x 20.25 x 10.00 | 513 x 514 x 254 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2010GQRLP | 24.25 x 20.25 x 10.00 | 616 x 514 x 254 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | — | — | — | — | — | — |
| A30H2410GQRLP | 30.25 x 24.25 x 10.00 | 768 x 616 x 254 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A20H1612GQRLP | 20.19 x 16.25 x 12.00 | 513 x 413 x 305 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2012GQRLP | 20.19 x 20.25 x 12.00 | 513 x 514 x 305 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2012GQRLP | 24.25 x 20.25 x 12.00 | 616 x 514 x 305 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 11.00 | 279 | — | — | — | — |
| A24H2412GQRLP | 24.19 x 24.19 x 12.00 | 614 x 614 x 305 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | — | — | — | — | — | — |
| A30H2412GQRLP | 30.25 x 24.25 x 12.00 | 768 x 616 x 305 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A36H3012GQRLP | 36.25 x 30.25 x 12.00 | 921 x 768 x 305 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 | 5 | — | — | — | — | — | — |
| A36H3612GQRLP | 36.25 x 36.25 x 12.00 | 921 x 921 x 305 | A36P36 | A36P36G | 33.00 x 33.00 | 838 x 838 | 37.58 x 30.00 | 955 x 762 | 7 | — | — | — | — | — | — |
| A48H3612GQRLP | 48.25 x 36.25 x 12.00 | 1226 x 921 x 305 | A48P36 | A48P36G | 45.00 x 33.00 | 1143 x 838 | 49.56 x 30.00 | 1259 x 762 | 8 | — | — | — | — | — | — |
| A60H3612GQRLP | 60.25 x 36.25 x 12.00 | 1530 x 921 x 305 | A60P36 | A60P36G | 57.00 x 33.00 | 1448 x 838 | 61.58 x 30.00 | 1564 x 762 | 8 | — | — | — | — | — | — |
| A24H2016GQRLP | 24.25 x 20.25 x 16.00 | 616 x 514 x 406 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 14.00 | 356 | — | — | — | — |
| A24H2416GQRLP | 24.19 x 24.19 x 16.00 | 614 x 614 x 406 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | 6.00 | 152 | 10.00 | 254 | 14.00 | 356 |
| A30H2416GQRLP | 30.25 x 24.25 x 16.00 | 768 x 616 x 406 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A48H3616GQRLP | 48.25 x 36.25 x 16.00 | 1226 x 921 x 406 | A48P36 | A48P36G | 45.00 x 33.00 | 1143 x 838 | 49.56 x 30.00 | 1259 x 762 | 8 | — | — | — | — | — | — |
| A60H3616GQRLP | 60.25 x 36.25 x 16.00 | 1530 x 922 x 406 | A60P36 | A60P36G | 57.00 x 33.00 | 1448 x 838 | 61.65 x 30.00 | 1566 x 762 | 8 | — | — | — | — | — | — |
| A20H1620GQRLP | 20.19 x 16.25 x 20.00 | 513 x 413 x 508 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A20H2020GQRLP | 20.19 x 20.25 x 20.00 | 513 x 514 x 508 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A24H2020GQRLP | 24.25 x 20.25 x 20.00 | 616 x 514 x 508 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A24H2420GQRLP | 24.19 x 24.19 x 20.00 | 614 x 614 x 508 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | 18.00 | 457 | — | — | — | — |
| A30H2420GQRLP | 30.25 x 24.25 x 20.00 | 768 x 616 x 508 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A36H3020GQRLP | 36.25 x 30.25 x 20.00 | 921 x 768 x 508 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.72 x 24.00 | 958 x 610 | 5 | — | — | — | — | — | — |
| A48H3620GQRLP | 48.25 x 36.25 x 20.00 | 1226 x 921 x 508 | A48P36 | A48P36G | 45.00 x 33.00 | 1143 x 838 | 49.72 x 30.00 | 1263 x 762 | 8 | — | — | — | — | — | — |
| A24H2024GQRLP | 24.25 x 20.25 x 24.00 | 616 x 514 x 610 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 22.00 | 559 | — | — | — | — |
| A24H2424GQRLP | 24.19 x 24.19 x 24.00 | 614 x 614 x 610 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | 22.00 | 559 | — | — | — | — |
| A30H2424GQRLP | 30.25 x 24.25 x 24.00 | 768 x 616 x 610 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | 22.00 | 559 | — | — | — | — |

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Hinge-Cover with 3-Point Latch or Quick-Release Latches

Hinged with Quick-Release Latch Enclosures 36 X 30 or Smaller Drawing

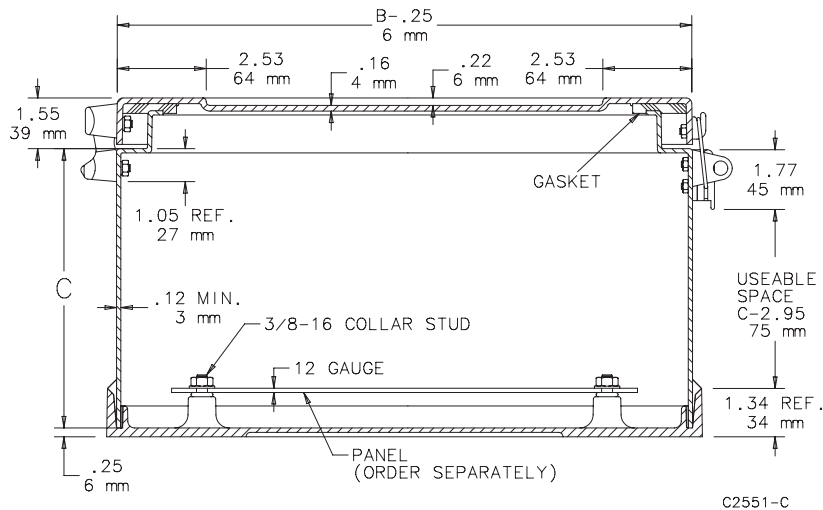


FRONT VIEW WITH DOOR

SIDE VIEW

FRONT VIEW DOOR REMOVED

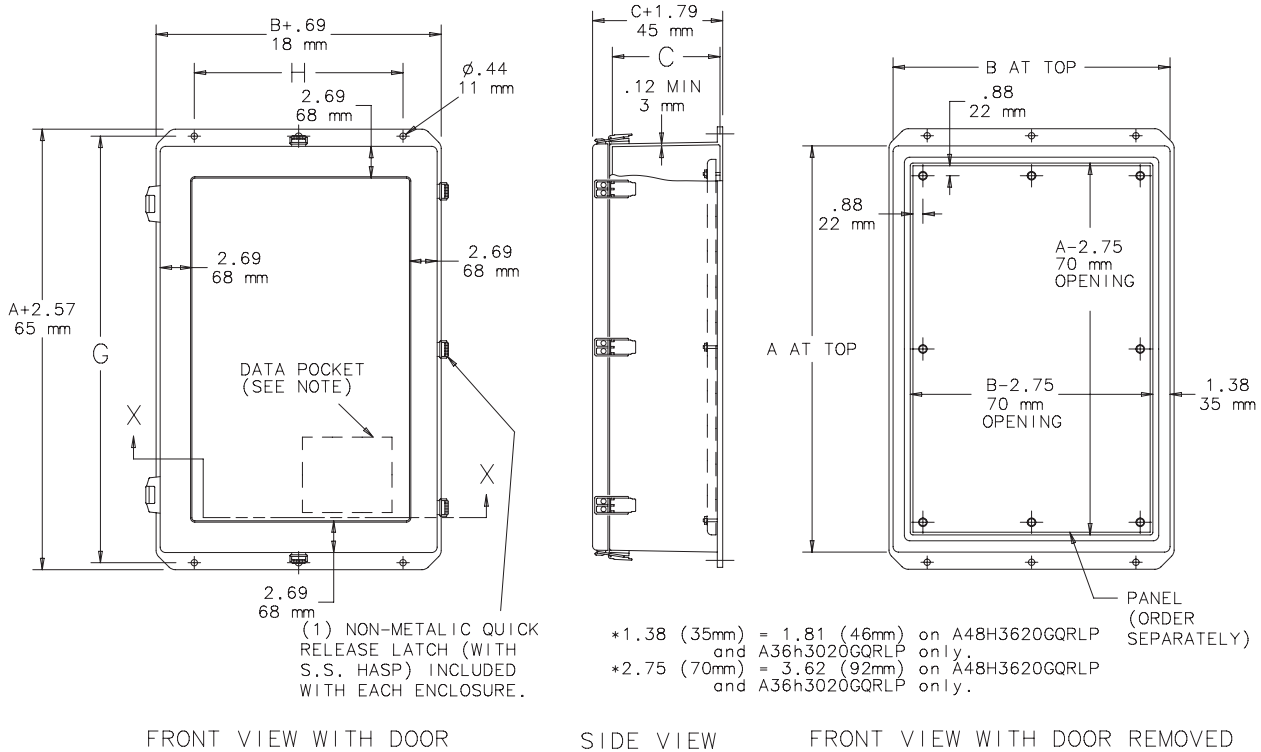
NOTE: Enclosure A36H3020GQRLP still is manufactured according to the drawing of enclosures 36 X 36 or larger.



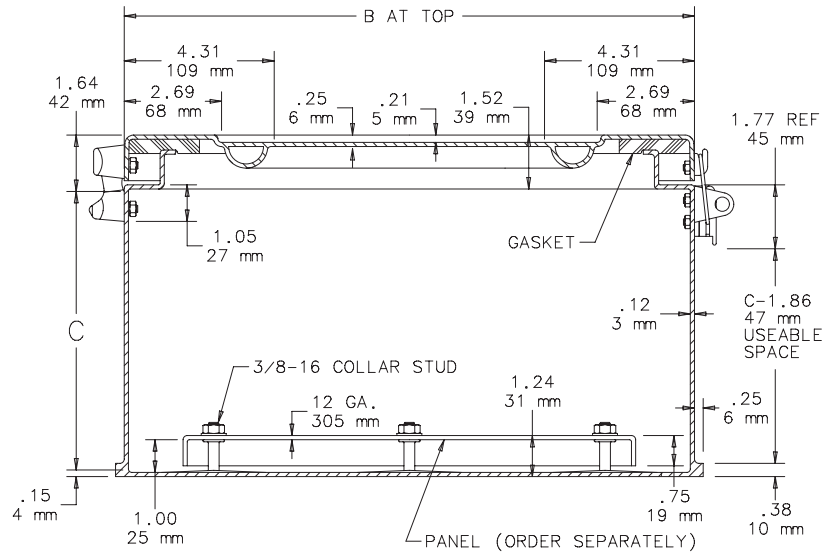
SECTION X-X

Hinge-Cover with 3-Point Latch or Quick-Release Latches

Hinged with Quick-Release Latch Enclosures 36 X 36 or Larger Drawing



NOTE: Large data pocket provision when A=30.00 (7.76mm) or more. Data pocket is furnished but not installed. Large data pocket is 12.00 X 12.00 (305mm X 305mm); small data pocket is 6.00 x 6.00 (152mm x 152mm).



Hinge-Cover with 3-Point Latch or Quick-Release Latches

Notes

Free-Stand

Free-Stand, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA Type 3, 3R, 4, 4X, 12, 13
 E.I.A. RS-310-D
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

An economical housing for corrosive environments, single-door, free-stand enclosures provide a versatile solution for applications that require flexibility when mounting panels and racks. Benefits include easy access to equipment, larger capacity for control systems, steel reinforcements for stability and strength, captivated door screws and an optional POWERGLIDE® Handle for secure latching.

Standard Product

| Catalog Number | AxBxC in./mm | Description | Estimated Ship Wt. (lb.) | Estimated Ship Wt. (kg) |
|----------------|---|---|--------------------------|-------------------------|
| A722525FGFS | 72.00 x 25.00 x 24.50 1829 x 635 x 622 | Stainless steel captivated door screws | 215 | 97.5 |
| A722525FGFS3PT | 72.00 x 25.00 x 24.50 1829 x 635 x 622 | 3-point latching system/Type 316 stainless steel handle | 215 | 97.5 |

Specifications

- Fiberglass-reinforced polyester material has excellent temperature and chemical resistance and exhibits outstanding physical properties
- Fiberglass material is easily punched, drilled, filed or sawed
- Models have either a 3-point latching system with handle or stainless steel captivated door screws
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Painted steel top, bottom and side internal reinforcements standard; stainless steel corner reinforcements optional
- Heavy-duty Type 316 stainless steel lifting eyes
- Accessory mounting channels attached horizontally to interior body sides at top, bottom and center. Painted mounting channels standard; stainless steel optional.
- Panels and rack-mounting angles can be mounted anywhere along corner channels; panels can be mounted on sides or back
- Hinges are corrosion-resistant fiberglass with Type 316 stainless steel hinge pins
- Large, high-impact thermoplastic data pocket (12.00 x 12.00 in. or 305 x 305 mm) is provided
- Molded-in angular sealing flange directs water away from gasket area
- Type 316 stainless steel POWERGLIDE® Handle on handle versions
- Material is halogen free

Finish

Fiberglass enclosure is gray inside and out. Optional mild-steel panels are painted white. Optional conductive panels are available.

Accessories

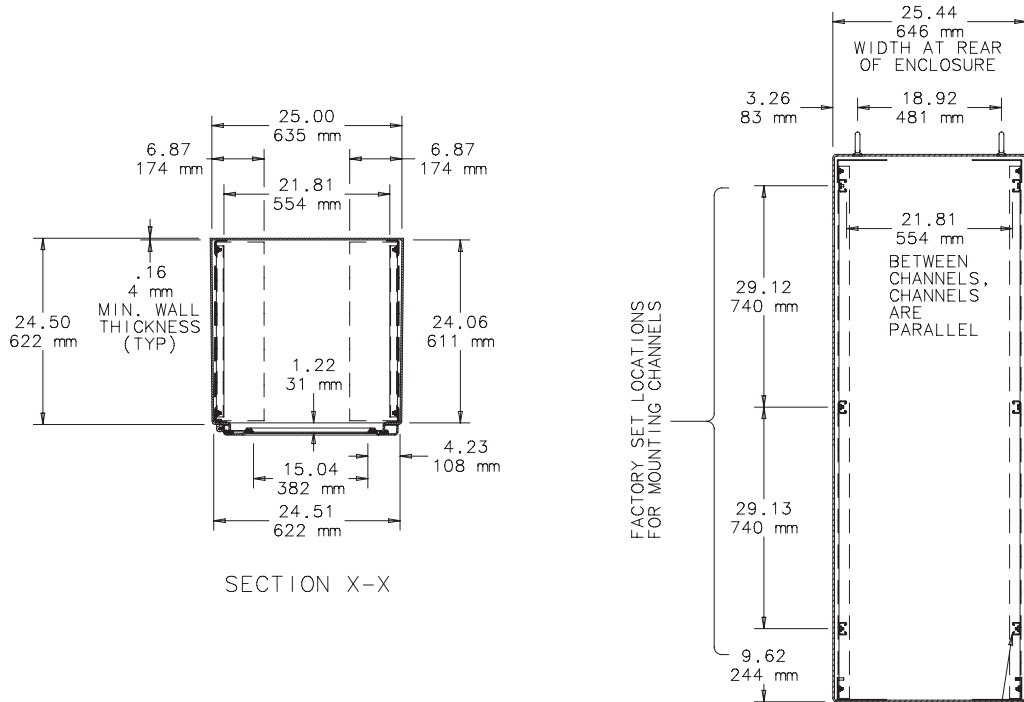
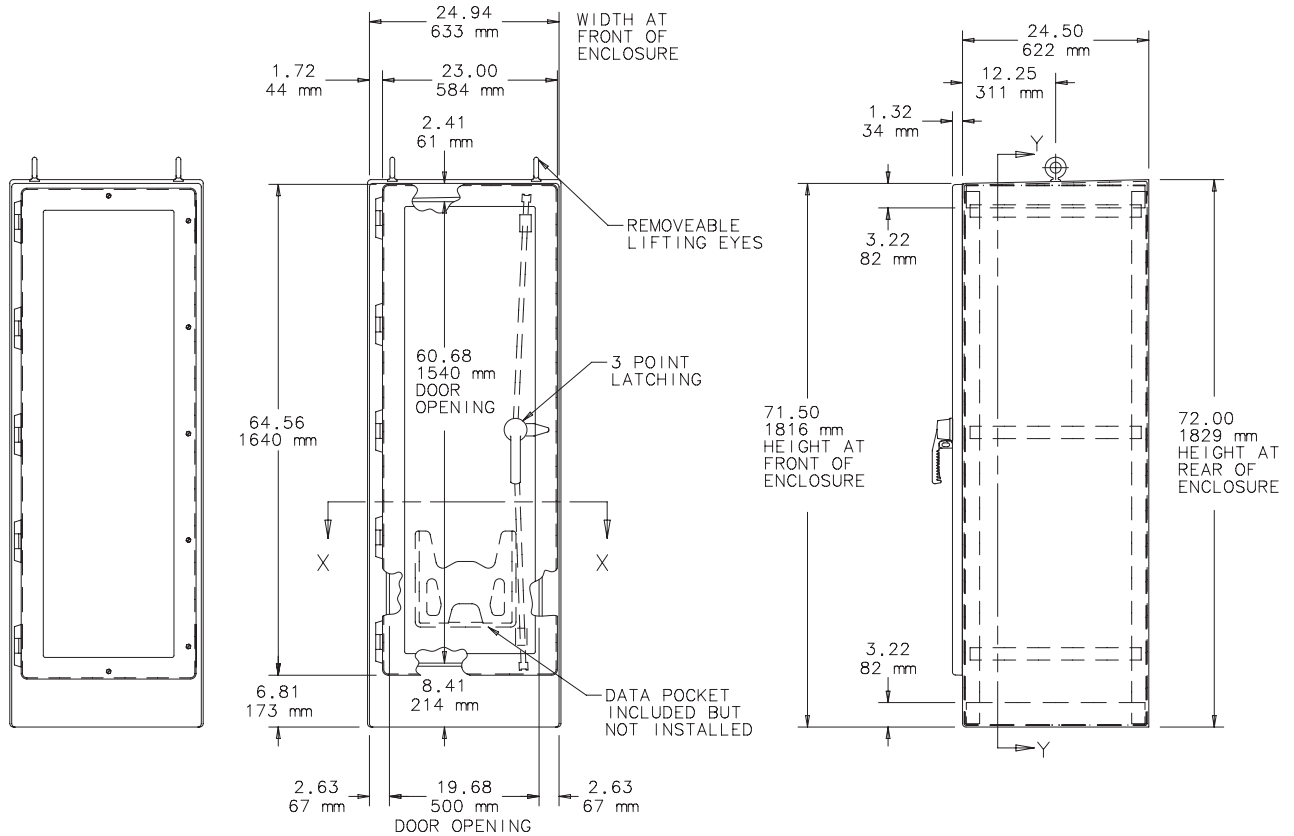
See also *Accessories*.
 Accessory Selection for Free-Stand, Type 4X
 Floor Stand Kit
 H2OMIT® Vent Drains, Type 4X
 H2OMIT® Thermoelectric Dehumidifier
 HOL-SEALERS™ Non-Metallic Hole Seals

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A17

Free-Stand



NOTE: Door opens 175°.

MOUNTING CHANNELS FOR REGULAR PANELS, SWING OUT PANELS, AND RELAY RACK ANGLES, CHANNELS ARE REMOVEABLE AND CAN BE REPOSITIONED

Accessory Selection for Free-Stand, Type 4X

For details, see Accessories chapter.

Bulletin: A17Y, A80, D10, PNL30, PNLFS

Panels

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|------------------------|---------------|------------|
| A72P24F1 | Full Panel, Steel | 60.00 x 20.00 | 1524 x 508 |
| A72P24F2 | Half Panel, Steel | 30.88 x 20.00 | 784 x 508 |
| A72P24F1G | Full Panel, Conductive | 60.00 x 20.00 | 1524 x 508 |
| A72P24F2G | Half Panel, Conductive | 30.88 x 20.00 | 784 x 508 |

Purchase panels and accessories separately.

Swing-Out Panels

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|----------------------|---------------|------------|
| A72SP24F3 | Full Swing-Out Panel | 60.00 x 18.19 | 1524 x 462 |
| A72SP24F4 | Half Swing-Out Panel | 30.88 x 18.19 | 784 x 462 |

Purchase panels and accessories separately.

Half Swing-Out Panel fits in top or bottom half of enclosure.

Side-Mounted Panels

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|--|---------------|------------|
| A72SMP14 | 14.00 inch (356mm) Wide Panel, Steel | 60.00 x 14.00 | 1524 x 356 |
| A72SMP20 | 20.00 inch (508mm) Wide Panel, Steel | 60.00 x 20.00 | 1524 x 508 |
| A72SMP14G | 14.00 inch (356mm) Wide Panel, Conductive | 60.00 x 14.00 | 1524 x 356 |
| A72SMP20G | 20.00 inch (508mm) Wide Panel, Conductive | 60.00 x 20.00 | 1524 x 508 |

Purchase panels and accessories separately.

Free-Stand

Clamping Nuts

| Catalog Number | Description | Package Qty |
|----------------|----------------------|-------------|
| APS1420CN | 1/4-20 Clamping Nut | 20 |
| APS51618CN | 5/16-18 Clamping Nut | 20 |

Purchase panels and accessories separately.

Casters

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|---------------------|-------------|-----------|
| DMCKC | Set of four casters | 4.00 x 3.00 | 102 x 76 |

Requires Bottom Support

Purchase panels and accessories separately.

Inside Bottom Support

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|--|---------------|-----------|
| A17SUPPORT1 | Enclosure bottom support allows installation of casters or floor-stand kits. | 23.70 x 23.25 | 602 x 591 |

Purchase panels and accessories separately.

Rack Mounting Accessory Selection for Free-Stand, Type 4X

For details, see Accessories chapter.

Bulletin: A80, P20

Rack Mounting Angles

| Catalog Number | Description | Length (in.) | Length (mm) | Units |
|----------------|----------------------------------|--------------|-------------|-------|
| A72RP24F5 | Two Full-Length Angles (Type RP) | 61.25 | 1556 | 35 |
| A72RP24F6 | Two Half-Length Angles (Type RP) | 31.50 | 800 | 18 |
| A60RA19TH | Two Full-Length Angles (Type RA) | 49.00 | 1245 | 28 |
| A72RA19TH | Two Full-Length Angles (Type RA) | 61.25 | 1556 | 35 |

Purchase accessories separately.

1 unit = 1.75 in. (44mm)

Clip Nut Package

| Catalog Number | Description | Package Qty | Size |
|----------------|--------------------|-------------|--|
| AN1032 | #10-32 Zinc-Plated | 20 | Fits U-Style (Type RA) Rack Mounting Angle |

Purchase accessories separately.

Rack Panels

| Catalog Number | Description | Size (in.) | Size (mm) | Units |
|----------------|-------------|---------------|-----------|-------|
| P19RP1UA | Aluminum | 19.00 x 1.75 | 483 x 44 | 1 |
| P19RP1UP | Steel | 19.00 x 1.75 | 483 x 44 | 1 |
| P19RP2UA | Aluminum | 19.00 x 3.50 | 483 x 89 | 2 |
| P19RP2UP | Steel | 19.00 x 3.50 | 483 x 89 | 2 |
| P19RP3UA | Aluminum | 19.00 x 5.25 | 483 x 133 | 3 |
| P19RP3UP | Steel | 19.00 x 5.25 | 483 x 133 | 3 |
| P19RP4UA | Aluminum | 19.00 x 7.00 | 483 x 178 | 4 |
| P19RP4UP | Steel | 19.00 x 7.00 | 483 x 178 | 4 |
| P19RP5UA | Aluminum | 19.00 x 8.75 | 483 x 222 | 5 |
| P19RP5UP | Steel | 19.00 x 8.75 | 483 x 222 | 5 |
| P19RP6UA | Aluminum | 19.00 x 10.50 | 483 x 267 | 6 |
| P19RP6UP | Steel | 19.00 x 10.50 | 483 x 267 | 6 |
| P19RP7UA | Aluminum | 19.00 x 12.25 | 483 x 311 | 7 |
| P19RP7UP | Steel | 19.00 x 12.25 | 483 x 311 | 7 |
| P19RP8UA | Aluminum | 19.00 x 14.00 | 483 x 356 | 8 |
| P19RP8UP | Steel | 19.00 x 14.00 | 483 x 356 | 8 |
| P19RP9UP | Steel | 19.00 x 15.75 | 483 x 400 | 9 |
| P19RP10UP | Steel | 19.00 x 17.50 | 483 x 445 | 10 |
| P19RP11UA | Aluminum | 19.00 x 19.25 | 483 x 489 | 11 |
| P19RP11UP | Steel | 19.00 x 19.25 | 483 x 489 | 11 |
| P19RP12UA | Aluminum | 19.00 x 21.00 | 483 x 533 | 12 |
| P19RP12UP | Steel | 19.00 x 21.00 | 483 x 533 | 12 |
| P19RP16UP | Steel | 19.00 x 28.00 | 483 x 711 | 16 |

Purchase panels and accessories separately.

1 unit = 1.75 in. (44 mm)

Free-Stand

Screw Package

| Catalog Number | Description | Package Qty |
|----------------|--------------------------------|-------------|
| AS1032 | 10-32 Truss Head Nickel-Plated | 20 |

Purchase accessories separately.

Drawers

| Catalog Number | Description | Depth (in.) | Depth (mm) | Units |
|----------------|-----------------|-------------|------------|-------|
| A19DR2U | Pull-Out Drawer | 3.47 | 88 | 2 |
| A19DR4U | Pull-Out Drawer | 6.97 | 177 | 4 |

Purchase accessories separately.

1 unit = 1.75 in. (44 mm)

Requires two sets of Type RA Rack Mounting Angles for installation.

Writing Surface for Drawers

| Catalog Number | Description | Size |
|----------------|----------------|---------------------------------|
| A19WSDR | Hinged Surface | Fits Drawer A19DR2U and A19DR4U |

Purchase accessories separately.

Shelves

| Catalog Number | Description | Units |
|----------------|----------------|-------|
| A19SHP6 | Pull-Out Shelf | 2 |
| A19SH5 | Fixed Shelf | 1 |
| A19SH6 | Fixed Shelf | 1 |

Purchase accessories separately.

1 unit = 1.75 in. (44 mm)

Guides

| Catalog Number | Description | Unit |
|----------------|----------------------------|------|
| AG1U6 | Chassis Guide (set of two) | 1 |

Purchase accessories separately.

1 unit = 1.75 in. (44 mm)

Two-Door Free-Stand

Two-Door Free-Stand, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

An economical way to house electronics in corrosive environments, two-door enclosures provide easy access to equipment, larger capacity for control systems and steel reinforcements that ensure stability and strength. These enclosures feature captivated door screws and an optional POWERGLIDE® Handle for secure latching.

Specifications

- Fiberglass-reinforced polyester material has excellent temperature and chemical resistance and exhibits outstanding physical properties
- Seams are sealed; no holes or knockouts
- Fiberglass material is easily punched, drilled, filed or sawed
- Models have either a 3-point latching system with handle or stainless steel captivated door screws
- Type 316 stainless steel POWERGLIDE Handle on handle versions
- Stainless steel captivated door screws on screw versions
- Seamless foam-in-place gasket assures a water-tight and dust-tight seal

- Painted steel top, bottom and side internal reinforcements standard; stainless steel corner reinforcements optional
- Solid centerpost (not removable) has heavy-gauge stiffener
- Heavy-duty Type 316 stainless steel lifting eyes
- Hinges are corrosion-resistant fiberglass with Type 316 stainless steel hinge pins
- Large data pocket (12.00 x 12.00 in. or 305 x 305 mm) is high-impact thermoplastic
- Molded-in angular sealing flange directs water away from gasket area
- Material is halogen free

Finish

Fiberglass enclosure is gray inside and out. White painted mild steel panels are included. Optional conductive panels are available.

Accessories

See also Accessories.
 Accessory Selection for Free-Stand, Type 4X
 Bottom Support Kits
 Floor Stand Kit
 H2OMIT® Vent Drains, Type 4X
 H2OMIT® Thermoelectric Dehumidifier
 HOL-SEALERS™ Non-Metallic Hole Seals

Modification and Customization

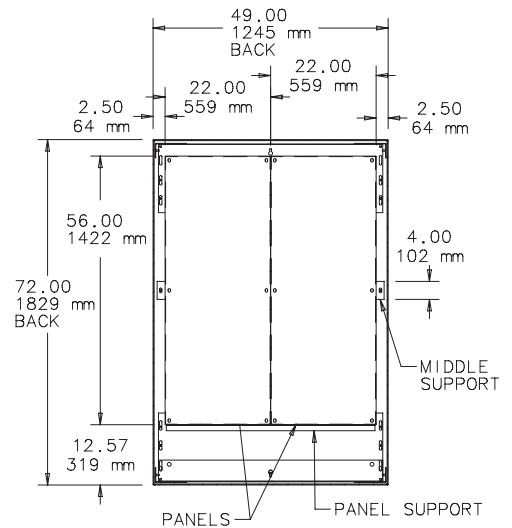
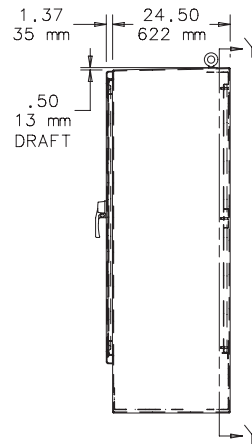
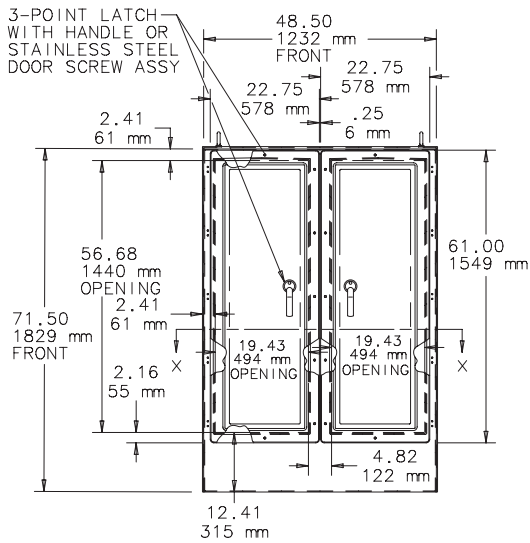
Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A17

Standard Product

| Catalog Number | AxBxC in./mm | Number of Panels | Panel Size in./mm |
|----------------|--|------------------|-----------------------------|
| A724925FG | 72.00 x 49.00 x 24.50 1829 x 1245 x 622 | 2 | 56.00 x 22.00 1422 x 559 |
| A724925FGF53PT | 72.00 x 49.00 x 24.50 1830 x 1245 x 622 | 2 | 56.00 x 22.00 1422 x 559 |

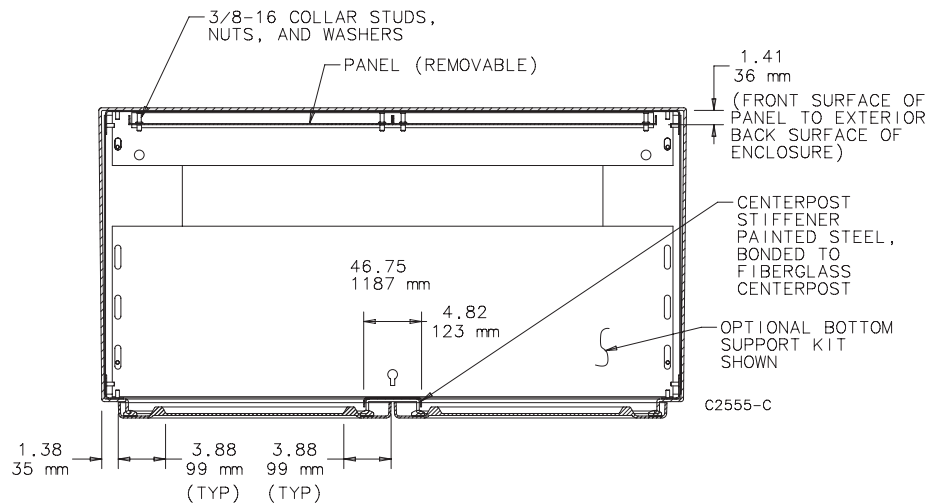
Two-Door Free-Stand



SECTION Y-Y

- NOTE: 1. Upper, middle, and lower supports as well as centerpost stiffener are steel.
 2. Optional Bottom Support Kit required when installing Caster, Floor-Stand Kit, or Unistrut Mounting Kit.

NOTE: Section Y-Y shown with the optional Bottom Support Kit and Unistrut Mounting Kit accessories installed.



SECTION X-X

Bottom Support Kits

Bulletin: A17Y

| Catalog Number | Description |
|----------------|---|
| A17SUPPORT2 | Inside Bottom Support -- Enclosure bottom support to allow option of installing casters or floor stand kits |
| A17UNISTRUT | Bolt-On Unistrut Channel (8 channels) -- Painted steel unistrut for accessory mounting |

A17SUPPORT2 required to install A17UNISTRUT in two-door enclosures

QLINE® D
QLINE® D Pushbutton, Type 4X

Industry Standards

 UL 508A Listed; Type 4, 4X, 12, 13; No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; No. E61997
 Enclosure flammability evaluated per UL 508A

 NEMA/EEMAC Type 4, 4X, 12
 CSA File Number 42186: Type 4, 4X, 12
 IEC 60529, IP67

Application

Used for insulating and housing 30.5-mm or 22.5-mm pushbuttons in hostile environments, QLINE® D Enclosures have contoured bodies with flush cover screws for an attractive, contemporary appearance.

Specifications

- High-impact polycarbonate material is used for both body and cover
- Polycarbonate material is easily punched, drilled, filed or sawed
- Straight side walls permit ganging of multiple enclosures
- Cross-point captivated cover screws are stainless steel
- Mounting holes molded directly adjacent to cover screws
- Cover screws protected by removable caps that are both aesthetic and provide tamper resistance
- Molded internal pads for mounting optional panels, rails or other components
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Screws provided for mounting optional panel
- Mounting hardware furnished
- Material is halogen free

Finish

Polycarbonate enclosure material is RAL 7035 light-gray inside and out. Optional panels are unpainted plated steel.

Accessories

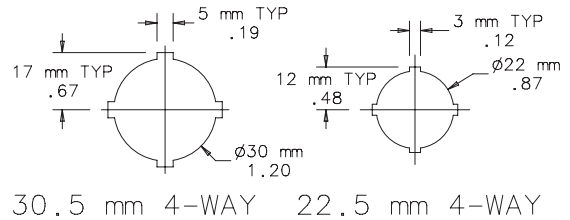
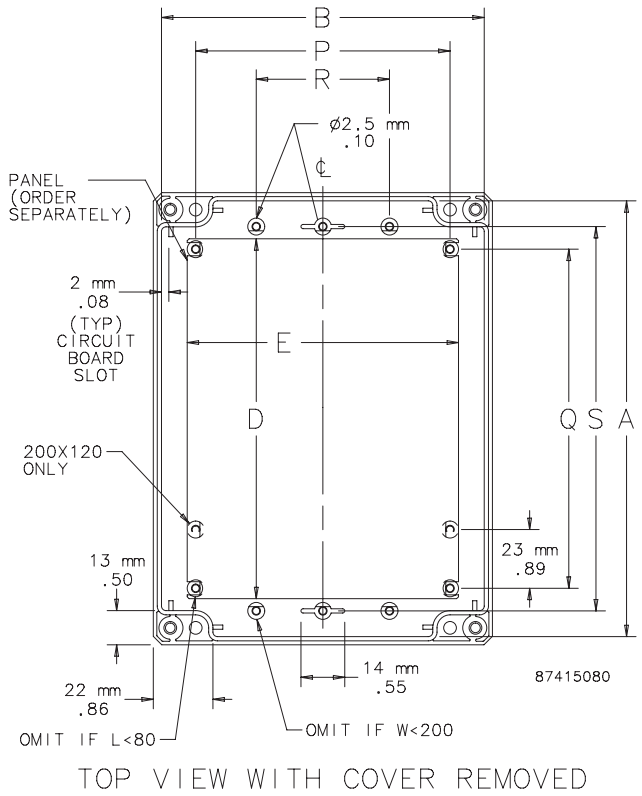
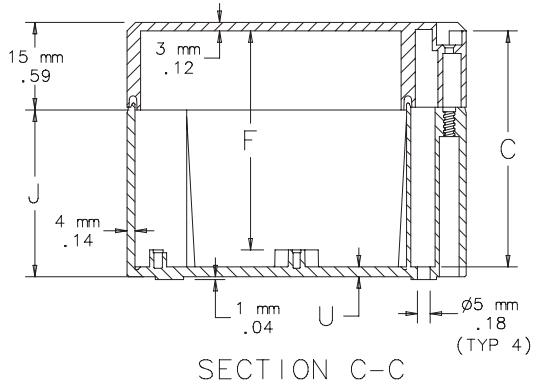
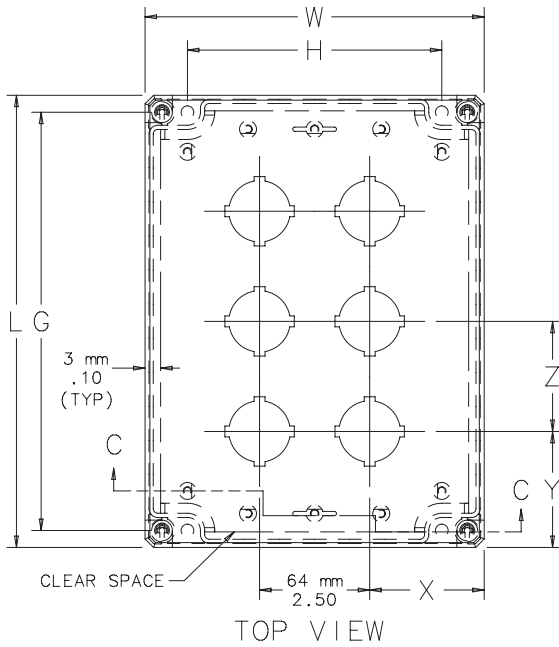
 See also *Accessories*.
 Hardware Kit
 Hinge Kit
 Mounting Bracket Kit
Bulletin: Q41
Standard Product

| Catalog Number | Ax B x C mm/in. | Hole Size mm/in. | External Dimensions L x W mm/in. | Panel | Panel Size D x E mm/in. | Mounting | | | | | | | | | | |
|----------------|--------------------|------------------|----------------------------------|---------|-------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | G x H mm/in. | F mm/in. | J mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | U mm/in. | X mm/in. | Y mm/in. | Z mm/in. |
| Q1PBPCD | 75 x 73 x 79 | 30.5 | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 58 | 44 | — | 58 | 3 | 40 | 41 | — |
| | 2.95 x 2.87 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | 2.28 | 1.73 | — | 2.28 | 0.12 | 1.57 | 1.61 | — |
| Q1PBPCDM | 75 x 73 x 79 | 22.5 | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 58 | 44 | — | 58 | 3 | 40 | 41 | — |
| | 2.95 x 2.87 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | 2.28 | 1.73 | — | 2.28 | 0.12 | 1.57 | 1.61 | — |
| Q2PBPCDM | 113 x 73 x 79 | 22.5 | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 58 | 82 | — | 96 | 3 | 40 | 36 | 48 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | 2.28 | 3.22 | — | 3.78 | 0.12 | 1.57 | 1.42 | 1.89 |
| Q2PBPCD | 153 x 73 x 79 | 30.5 | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 58 | 122 | — | 136 | 3 | 40 | 48 | 64 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 2.28 | 4.80 | — | 5.35 | 0.12 | 1.57 | 1.89 | 2.52 |
| Q3PBPCDM | 153 x 73 x 79 | 22.5 | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 58 | 122 | — | 136 | 3 | 40 | 32 | 48 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 2.28 | 4.80 | — | 5.35 | 0.12 | 1.57 | 1.26 | 1.89 |
| Q3PBPCD | 193 x 113 x 79 | 30.5 | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 90 | 160 | 40 | 176 | 3 | 60 | 36 | 64 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | 2.36 | 1.42 | 2.52 |
| Q4PBPCD | 193 x 113 x 79 | 30.5 | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 90 | 160 | 40 | 176 | 3 | 28 | 68 | 64 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | 1.10 | 2.68 | 2.52 |
| Q4PBPCDM | 193 x 113 x 79 | 22.5 | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 90 | 160 | 40 | 176 | 3 | 60 | 28 | 48 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | 2.36 | 1.10 | 1.89 |
| Q6PBPCD | 233 x 153 x 84 | 30.5 | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 138 | 202 | 75 | 215 | 4 | 48 | 56 | 64 |
| | 9.17 x 6.02 x 3.29 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 3.07 | 2.95 | 5.43 | 7.95 | 2.95 | 8.46 | 0.16 | 1.89 | 2.20 | 2.52 |

A x B x C are internal dimensions.

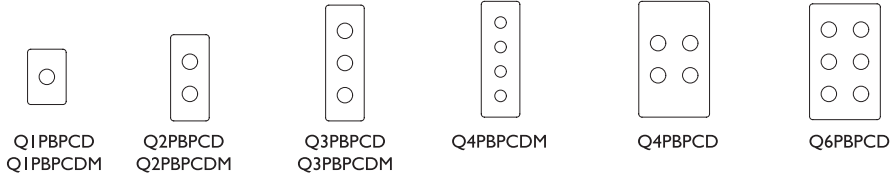
Purchase panels separately.

QLINE® D



QLINE D Polycarbonate Type 4X Pushbutton Hole Arrangement Drawing

Hole Arrangement



QLINE® D
QLINE® D, Type 4X

Industry Standards
Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 6, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 6, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 CSA File No. 42186: Type 4, 4X, 6, 12, 13
 IEC 60529, IP67

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 IEC 60529, IP67

Application

QLINE® D polycarbonate and ABS enclosures have contoured bodies with flush cover screws for an attractive, contemporary appearance. Tough as well as stylish, they are functional in corrosive environments and can withstand occasional submersion.

The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

Specifications

- Body is impact-resistant polycarbonate for PCD series and ABS for ABD series
- Opaque and clear covers are impact-resistant polycarbonate for PCD series and ABS for ABD series
- Polycarbonate material is easily punched, drilled, filed or sawed
- Straight side walls permit ganging of multiple enclosures
- Cross-point captivated cover screws are stainless steel
- Mounting holes molded directly adjacent to cover screws
- Cover screws protected by removable caps that are aesthetic and provide tamper resistance
- Molded internal pads for mounting optional panels, rails and other components
- Panel mounting feature on both body and cover
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Screws provided for mounting optional panel
- Material is halogen free

Finish

Polycarbonate and ABS enclosures are light-gray (RAL 7035) inside and out. Optional panels are plated steel.

Accessories

See also Accessories.
 Hardware Kit
 Hinge Kit
 HOL-SEALERS™ Non-Metallic Hole Seals
 Mounting Bracket Kit

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: Q41

QLINE® D
Standard Product Polycarbonate

| Catalog Number | Ax B x C mm/in. | Cover Style | External Dimensions | | Panel | Panel Size D x E mm/in. | Mounting G x H mm/in. | F mm/in. | J mm/in. | K mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | U mm/in. |
|----------------|---------------------|-------------|---------------------|--------------|---------|-------------------------|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | L x W mm/in. | | | | | | | | | | | | |
| Q554PCD | 50 x 48 x 31 | Opaque | 55 x 53 | — | — | — | 43 x 41 | 28 | 25 | 10 | 16 | — | — | — | 2 |
| | 1.97 x 1.89 x 1.22 | | 2.17 x 2.09 | — | | — | 1.69 x 1.61 | 1.10 | 0.98 | 0.39 | 0.63 | — | — | — | 0.08 |
| Q554PCDCC | 50 x 48 x 31 | Clear | 55 x 53 | — | — | — | 43 x 41 | 28 | 25 | 10 | 16 | — | — | — | 2 |
| | 1.97 x 1.89 x 1.22 | | 2.17 x 2.09 | — | | — | 1.69 x 1.61 | 1.10 | 0.98 | 0.39 | 0.63 | — | — | — | 0.08 |
| Q886PCD | 76 x 74 x 49 | Opaque | 82 x 80 | Q88PD | Q88PD | 68 x 55 | 70 x 50 | 42 | 40 | 15 | 58 | 44 | — | 58 | 3 |
| | 2.96 x 2.89 x 1.93 | | 3.23 x 3.15 | 2.68 x 2.17 | | 2.76 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 1.73 | — | 2.28 | 0.12 | |
| Q886PCDCC | 76 x 74 x 49 | Clear | 82 x 80 | Q88PD | Q88PD | 68 x 55 | 70 x 50 | 42 | 40 | 15 | 58 | 44 | — | 58 | 3 |
| | 2.99 x 2.91 x 1.93 | | 3.23 x 3.15 | 2.68 x 2.17 | | 2.76 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 1.73 | — | 2.28 | 0.12 | |
| Q1286PCD | 114 x 74 x 49 | Opaque | 120 x 80 | Q128PD | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.49 x 2.91 x 1.93 | | 4.72 x 3.15 | 3.58 x 2.56 | | 4.25 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 | |
| Q1286PCDCC | 114 x 74 x 49 | Clear | 120 x 80 | Q128PD | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.49 x 2.91 x 1.93 | | 4.72 x 3.15 | 3.58 x 2.56 | | 4.25 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 | |
| Q1686PCD | 154 x 74 x 49 | Opaque | 160 x 80 | Q168PD | Q168PD | 131 x 65 | 148 x 50 | 42 | 40 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.06 x 2.91 x 1.93 | | 6.30 x 3.15 | 5.16 x 2.56 | | 5.83 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 | |
| Q1686PCDCC | 154 x 74 x 49 | Clear | 160 x 80 | Q168PD | Q168PD | 131 x 65 | 148 x 50 | 42 | 40 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.06 x 2.91 x 1.93 | | 6.30 x 3.15 | 5.16 x 2.56 | | 5.83 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 | |
| Q12126PCD | 116 x 114 x 49 | Opaque | 122 x 120 | Q1212PD | Q1212PD | 105 x 93 | 110 x 90 | 42 | 40 | 15 | 98 | 84 | — | 98 | 3 |
| | 4.57 x 4.49 x 1.93 | | 4.80 x 4.72 | 4.13 x 3.66 | | 4.33 x 3.54 | 1.65 | 1.57 | 0.59 | 3.86 | 3.31 | — | 3.86 | 0.12 | |
| Q12126PCDCC | 116 x 114 x 49 | Clear | 122 x 120 | Q1212PD | Q1212PD | 105 x 93 | 110 x 90 | 42 | 40 | 15 | 98 | 84 | — | 98 | 3 |
| | 4.57 x 4.49 x 1.93 | | 4.80 x 4.72 | 4.13 x 3.66 | | 4.33 x 3.54 | 1.65 | 1.57 | 0.59 | 3.86 | 3.31 | — | 3.86 | 0.12 | |
| Q20158PCD | 193 x 143 x 69 | Opaque | 200 x 150 | Q2015PD | Q2015PD | 170 x 128 | 188 x 120 | 62 | 60 | 15 | 118 | 160 | 118 | 176 | 3 |
| | 7.60 x 5.63 x 2.72 | | 7.87 x 5.91 | 6.69 x 5.04 | | 7.40 x 4.72 | 2.44 | 2.36 | 0.59 | 4.65 | 6.30 | 4.65 | 6.93 | 0.12 | |
| Q20158PCDCC | 193 x 143 x 69 | Clear | 200 x 150 | Q2015PD | Q2015PD | 170 x 128 | 188 x 120 | 62 | 60 | 15 | 118 | 160 | 118 | 176 | 3 |
| | 7.60 x 5.63 x 2.72 | | 7.87 x 5.91 | 6.69 x 5.04 | | 7.40 x 4.72 | 2.44 | 2.36 | 0.59 | 4.65 | 6.30 | 4.65 | 6.93 | 0.12 | |
| Q889PCD | 76 x 74 x 79 | Opaque | 82 x 80 | Q88PD | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 15 | 58 | 44 | 37 | 58 | 3 |
| | 2.99 x 2.91 x 3.11 | | 3.23 x 3.15 | 2.68 x 2.17 | | 2.76 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 1.73 | 1.46 | 2.28 | 0.12 | |
| Q889PCDCC | 76 x 74 x 79 | Clear | 82 x 80 | Q88PD | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 15 | 58 | 44 | 37 | 58 | 3 |
| | 2.99 x 2.91 x 3.11 | | 3.23 x 3.15 | 2.68 x 2.17 | | 2.76 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 1.73 | 1.46 | 2.28 | 0.12 | |
| Q1289PCD | 113 x 73 x 79 | Opaque | 120 x 80 | Q128PD | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | 3.58 x 2.56 | | 4.25 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 | |
| Q1289PCDCC | 113 x 73 x 79 | Clear | 120 x 80 | Q128PD | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | 3.58 x 2.56 | | 4.25 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 | |
| Q1689PCD | 153 x 73 x 79 | Opaque | 160 x 80 | Q168PD | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | 5.16 x 2.56 | | 5.83 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 | |
| Q1689PCDCC | 153 x 73 x 79 | Clear | 160 x 80 | Q168PD | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | 5.16 x 2.56 | | 5.83 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 | |
| Q12129PCD | 116 x 114 x 79 | Opaque | 122 x 120 | Q1212PD | Q1212PD | 105 x 93 | 110 x 90 | 72 | 70 | 15 | 98 | 84 | 97 | 98 | 3 |
| | 4.57 x 4.49 x 3.11 | | 4.80 x 4.72 | 4.13 x 3.66 | | 4.33 x 3.54 | 2.83 | 2.76 | 0.59 | 3.86 | 3.31 | 3.82 | 3.86 | 0.12 | |
| Q12129PCDCC | 116 x 114 x 79 | Clear | 122 x 120 | Q1212PD | Q1212PD | 105 x 93 | 110 x 90 | 72 | 70 | 15 | 98 | 84 | 97 | 98 | 3 |
| | 4.57 x 4.49 x 3.11 | | 4.80 x 4.72 | 4.13 x 3.66 | | 4.33 x 3.54 | 2.83 | 2.76 | 0.59 | 3.86 | 3.31 | 3.82 | 3.86 | 0.12 | |
| Q20129PCD | 193 x 113 x 79 | Opaque | 200 x 120 | Q2012PD | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | 6.69 x 3.94 | | 7.40 x 3.54 | 2.83 | 2.76 | 0.59 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | |
| Q20129PCDCC | 193 x 113 x 79 | Clear | 200 x 120 | Q2012PD | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | 6.69 x 3.94 | | 7.40 x 3.54 | 2.83 | 2.76 | 0.59 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | |
| Q30239PCD | 293 x 223 x 79 | Opaque | 300 x 230 | Q3023PD | Q3023PD | 265 x 210 | 288 x 200 | 73 | 55 | 30 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 3.11 | | 11.81 x 9.05 | 10.43 x 8.27 | | 11.34 x 7.87 | 2.87 | 2.17 | 1.18 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 | |
| Q30239PCDCC | 293 x 223 x 79 | Clear | 300 x 230 | Q3023PD | Q3023PD | 265 x 210 | 288 x 200 | 73 | 55 | 30 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 3.11 | | 11.81 x 9.05 | 10.43 x 8.27 | | 11.34 x 7.87 | 2.87 | 2.17 | 1.18 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 | |
| Q16129PCD | 153 x 113 x 84 | Opaque | 160 x 120 | Q1612PD | Q1612PD | 130 x 100 | 148 x 90 | 78 | 60 | 30 | 90 | 120 | — | 136 | 3 |
| | 6.02 x 4.45 x 3.31 | | 6.30 x 4.72 | 5.12 x 3.94 | | 5.83 x 3.54 | 3.07 | 2.36 | 1.18 | 3.54 | 4.72 | — | 5.35 | 0.12 | |
| Q16129PCDCC | 153 x 113 x 84 | Clear | 160 x 120 | Q1612PD | Q1612PD | 130 x 100 | 148 x 90 | 78 | 60 | 30 | 90 | 120 | — | 136 | 3 |
| | 6.02 x 4.45 x 3.31 | | 6.30 x 4.72 | 5.12 x 3.94 | | 5.83 x 3.54 | 3.07 | 2.36 | 1.18 | 3.54 | 4.72 | — | 5.35 | 0.12 | |
| Q24169PCD | 233 x 153 x 84 | Opaque | 240 x 160 | Q2416PD | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 15 | 138 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 3.31 | | 9.45 x 6.30 | 8.31 x 5.83 | | 8.98 x 5.12 | 3.07 | 2.95 | 0.59 | 5.43 | 7.95 | 2.95 | 8.46 | 0.16 | |
| Q24169PCDCC | 233 x 153 x 84 | Clear | 240 x 160 | Q2416PD | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 15 | 138 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 3.31 | | 9.45 x 6.30 | 8.31 x 5.83 | | 8.98 x 5.12 | 3.07 | 2.95 | 0.59 | 5.43 | 7.95 | 2.95 | 8.46 | 0.16 | |
| Q302311PCD | 293 x 223 x 104 | Opaque | 300 x 230 | Q3023PD | Q3023PD | 265 x 210 | 288 x 200 | 98 | 55 | 55 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 4.09 | | 11.81 x 9.06 | 10.43 x 8.27 | | 11.34 x 7.87 | 3.86 | 2.17 | 2.17 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 | |
| Q302311PCDCC | 293 x 223 x 104 | Clear | 300 x 230 | Q3023PD | Q3023PD | 265 x 210 | 288 x 200 | 98 | 55 | 55 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 4.09 | | 11.81 x 9.06 | 10.43 x 8.27 | | 11.34 x 7.87 | 3.86 | 2.17 | 2.17 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 | |
| Q241612PCD | 233 x 153 x 114 | Opaque | 240 x 160 | Q2416PD | Q2416PD | 211 x 148 | 228 x 130 | 108 | 75 | 45 | 75 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 4.49 | | 9.45 x 6.30 | 8.31 x 5.83 | | 8.98 x 5.12 | 4.25 | 2.95 | 1.77 | 2.95 | 7.95 | 2.95 | 8.46 | 0.16 | |
| Q241612PCDCC | 233 x 153 x 114 | Clear | 240 x 160 | Q2416PD | Q2416PD | 211 x 148 | 228 x 130 | 108 | 75 | 45 | 75 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 4.49 | | 9.45 x 6.30 | 8.31 x 5.83 | | 8.98 x 5.12 | 4.25 | 2.95 | 1.77 | 2.95 | 7.95 | 2.95 | 8.46 | 0.16 | |

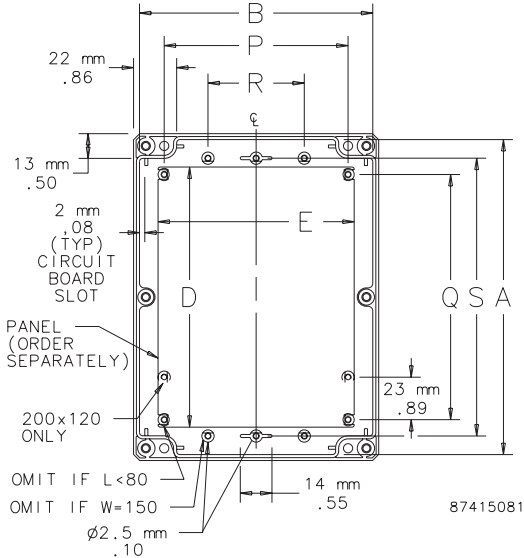
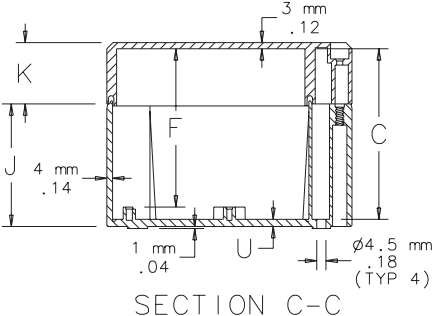
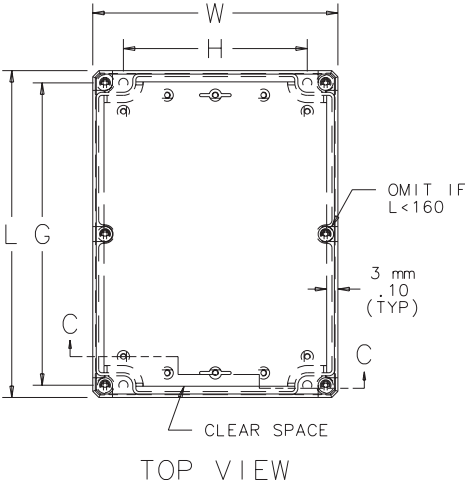
A x B x C are internal dimensions.

Purchase panels separately.

QLINE® D
Standard Product ABS

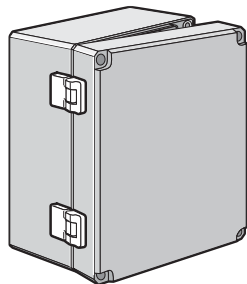
| Catalog Number | AxBxC mm/in. | Cover Style | External Dimensions | | Panel | Panel Size D x E mm/in. | Mtg. G x H mm/in. | F mm/in. | J mm/in. | K mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | U mm/in. |
|----------------|---------------------|-------------|---------------------|---------|--------------|-------------------------|-------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | L x W mm/in. | | | | | | | | | | | | |
| Q554ABD | 50 x 48 x 31 | Opaque | 55 x 53 | — | — | 43 x 41 | 28 | 25 | 10 | 16 | — | — | — | — | 2 |
| | 1.97 x 1.89 x 1.22 | | 2.17 x 2.09 | — | — | 1.69 x 1.61 | 1.10 | .98 | .39 | .63 | — | — | — | — | .08 |
| Q554ABDCC | 50 x 48 x 31 | Clear | 55 x 53 | — | — | 43 x 41 | 28 | 25 | 10 | 16 | — | — | — | — | 2 |
| | 1.97 x 1.89 x 1.22 | | 2.17 x 2.09 | — | — | 1.69 x 1.61 | 1.10 | .98 | .39 | .63 | — | — | — | — | .08 |
| Q886ABD | 76 x 74 x 49 | Opaque | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 42 | 40 | 15 | 58 | 44 | — | — | 58 | 3 |
| | 2.99 x 2.91 x 1.93 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 2.17 | 1.65 | 1.57 | .59 | 2.28 | 1.73 | — | — | 2.28 | .12 |
| Q886ABDCC | 76 x 74 x 49 | Clear | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 42 | 40 | 15 | 58 | 44 | — | — | 58 | 3 |
| | 2.99 x 2.91 x 1.93 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 2.17 | 1.65 | 1.57 | .59 | 2.28 | 1.73 | — | — | 2.28 | .12 |
| Q1286ABD | 114 x 74 x 49 | Opaque | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | — | 96 | 3 |
| | 4.49 x 2.91 x 1.93 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 1.65 | 1.57 | .59 | 2.28 | 3.23 | — | — | 3.78 | .12 |
| Q1286ABDCC | 114 x 74 x 49 | Clear | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | — | 96 | 3 |
| | 4.49 x 2.91 x 1.93 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 1.65 | 1.57 | .59 | 2.28 | 3.23 | — | — | 3.78 | .12 |
| Q1686ABD | 154 x 74 x 49 | Opaque | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 42 | 40 | 15 | 58 | 122 | — | — | 136 | 3 |
| | 6.06 x 2.91 x 1.93 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 1.65 | 1.57 | .59 | 2.28 | 4.80 | — | — | 5.35 | .12 |
| Q1686ABDCC | 154 x 74 x 49 | Clear | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 42 | 40 | 15 | 58 | 122 | — | — | 136 | 3 |
| | 6.06 x 2.91 x 1.93 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 1.65 | 1.57 | .59 | 2.28 | 4.80 | — | — | 5.35 | .12 |
| Q12126ABD | 116 x 114 x 49 | Opaque | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 42 | 40 | 15 | 98 | 84 | — | — | 98 | 3 |
| | 4.57 x 4.49 x 1.93 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 1.65 | 1.57 | .59 | 3.86 | 3.31 | — | — | 3.86 | .12 |
| Q12126ABDCC | 116 x 114 x 49 | Clear | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 42 | 40 | 15 | 98 | 84 | — | — | 98 | 3 |
| | 4.57 x 4.49 x 1.93 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 1.65 | 1.57 | .59 | 3.86 | 3.31 | — | — | 3.86 | .12 |
| Q20158ABD | 193 x 143 x 69 | Opaque | 200 x 150 | Q2015PD | 170 x 128 | 188 x 120 | 62 | 60 | 15 | 118 | 160 | 118 | 118 | 176 | 3 |
| | 7.60 x 5.63 x 2.72 | | 7.87 x 5.91 | | 6.69 x 5.04 | 7.40 x 4.72 | 2.44 | 2.36 | .59 | 4.65 | 6.30 | 4.65 | 4.65 | 6.93 | .12 |
| Q20158ABDCC | 193 x 143 x 69 | Clear | 200 x 150 | Q2015PD | 170 x 128 | 188 x 120 | 62 | 60 | 15 | 118 | 160 | 118 | 118 | 176 | 3 |
| | 7.60 x 5.63 x 2.72 | | 7.87 x 5.91 | | 6.69 x 5.04 | 7.40 x 4.72 | 2.44 | 2.36 | .59 | 4.65 | 6.30 | 4.65 | 4.65 | 6.93 | .12 |
| Q889ABD | 76 x 74 x 79 | Opaque | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 15 | 58 | 44 | 37 | — | 58 | 3 |
| | 2.99 x 2.91 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | .59 | 2.28 | 1.73 | 1.46 | — | 2.28 | .12 |
| Q889ABDCC | 76 x 74 x 79 | Clear | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 15 | 58 | 44 | 37 | — | 58 | 3 |
| | 2.99 x 2.91 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | .59 | 2.28 | 1.73 | 1.46 | — | 2.28 | .12 |
| Q1289ABD | 113 x 73 x 79 | Opaque | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | — | 58 | 3 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | .59 | 2.28 | 3.23 | — | — | 2.28 | .12 |
| Q1289ABDCC | 113 x 73 x 79 | Clear | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | — | 58 | 3 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | .59 | 2.28 | 3.23 | — | — | 2.28 | .12 |
| Q1689ABD | 153 x 73 x 79 | Opaque | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | — | 136 | 3 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | .59 | 2.28 | 4.80 | — | — | 5.35 | .12 |
| Q1689ABDCC | 153 x 73 x 79 | Clear | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | — | 136 | 3 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | .59 | 2.28 | 4.80 | — | — | 5.35 | .12 |
| Q12129ABD | 116 x 114 x 79 | Opaque | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 72 | 70 | 15 | 98 | 84 | 97 | — | 98 | 3 |
| | 4.57 x 4.49 x 3.11 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 2.83 | 2.76 | .59 | 3.86 | 3.31 | 3.82 | — | 3.86 | .12 |
| Q12129ABDCC | 116 x 114 x 79 | Clear | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 72 | 70 | 15 | 98 | 84 | 97 | — | 98 | 3 |
| | 4.57 x 4.49 x 3.11 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 2.83 | 2.76 | .59 | 3.86 | 3.31 | 3.82 | — | 3.86 | .12 |
| Q20129ABD | 193 x 113 x 79 | Opaque | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 | |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | .59 | 3.54 | 6.30 | 1.67 | 6.93 | .12 | |
| Q20129ABDCC | 193 x 113 x 79 | Clear | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 | |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | .59 | 3.54 | 6.30 | 1.67 | 6.93 | .12 | |
| Q30239ABD | 293 x 223 x 79 | Opaque | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 73 | 55 | 30 | 198 | 255 | 160 | 275 | 4 | |
| | 11.54 x 8.78 x 3.11 | | 11.81 x 9.05 | | 10.43 x 8.27 | 11.34 x 7.87 | 2.87 | 2.17 | 1.18 | 7.80 | 10.04 | 6.30 | 10.83 | .16 | |
| Q30239ABDCC | 293 x 223 x 79 | Clear | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 73 | 55 | 30 | 198 | 255 | 160 | 275 | 4 | |
| | 11.54 x 8.78 x 3.11 | | 11.81 x 9.05 | | 10.43 x 8.27 | 11.34 x 7.87 | 2.87 | 2.17 | 1.18 | 7.80 | 10.04 | 6.30 | 10.83 | .16 | |
| Q16129ABD | 153 x 113 x 84 | Opaque | 160 x 120 | Q1612PD | 130 x 100 | 148 x 90 | 78 | 60 | 30 | 90 | 120 | — | — | 136 | 3 |
| | 6.02 x 4.45 x 3.31 | | 6.30 x 4.72 | | 5.12 x 3.94 | 5.83 x 3.54 | 3.07 | 2.36 | 1.18 | 3.54 | 4.72 | — | — | 5.35 | .12 |
| Q16129ABDCC | 153 x 113 x 84 | Clear | 160 x 120 | Q1612PD | 130 x 100 | 148 x 90 | 78 | 60 | 30 | 90 | 120 | — | — | 136 | 3 |
| | 6.02 x 4.45 x 3.31 | | 6.30 x 4.72 | | 5.12 x 3.94 | 5.83 x 3.54 | 3.07 | 2.36 | 1.18 | 3.54 | 4.72 | — | — | 5.35 | .12 |
| Q24169ABD | 233 x 153 x 84 | Opaque | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 15 | 138 | 202 | 75 | 215 | 4 | |
| | 9.17 x 6.02 x 3.31 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 3.07 | 2.95 | .59 | 5.43 | 7.95 | 2.95 | 8.46 | .16 | |
| Q24169ABDCC | 233 x 153 x 84 | Clear | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 15 | 138 | 202 | 75 | 215 | 4 | |
| | 9.17 x 6.02 x 3.31 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 3.07 | 2.95 | .59 | 5.43 | 7.95 | 2.95 | 8.46 | .16 | |
| Q302311ABD | 293 x 223 x 104 | Opaque | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 98 | 55 | 55 | 198 | 255 | 160 | 275 | 4 | |
| | 11.54 x 8.78 x 4.09 | | 11.81 x 9.06 | | 10.43 x 8.27 | 11.34 x 7.87 | 3.86 | 2.17 | 2.17 | 7.80 | 10.04 | 6.30 | 10.83 | .16 | |
| Q302311ABDCC | 293 x 223 x 104 | Clear | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 98 | 55 | 55 | 198 | 255 | 160 | 275 | 4 | |
| | 11.54 x 8.78 x 4.09 | | 11.81 x 9.06 | | 10.43 x 8.27 | 11.34 x 7.87 | 3.86 | 2.17 | 2.17 | 7.80 | 10.04 | 6.30 | 10.83 | .16 | |
| Q241612ABD | 233 x 153 x 114 | Opaque | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 108 | 75 | 45 | 75 | 202 | 75 | 215 | 4 | |
| | 9.17 x 6.02 x 4.49 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 4.25 | 2.95 | 1.77 | 2.95 | 7.95 | 2.95 | 8.46 | .16 | |
| Q241612ABDCC | 223 x 153 x 114 | Clear | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 108 | 75 | 45 | 75 | 202 | 75 | 215 | 4 | |
| | 9.17 x 6.02 x 4.49 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 4.25 | 2.95 | 1.77 | 2.95 | 7.95 | 2.95 | 8.46 | .16 | |

QLINE® D



QLINE® D

Hinge Kit

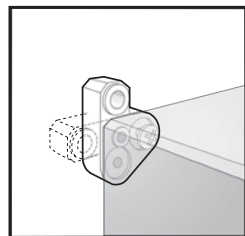


Hinge Kit includes two polyamide hinges, eight M4 self-tapping, plated screws, eight flat washers and drilling templates. Use on all QLINE® D enclosures. *Hinge Kit meets Type 4 requirements.*

Bulletin: Q41Y

| |
|----------------|
| Catalog Number |
| QDEHK |

Mounting Bracket Kit

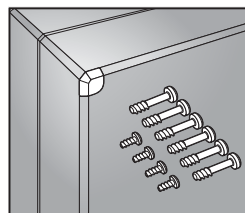


Mounting Bracket Kit has four polycarbonate brackets and four M4 self-tapping, plated screws. Kit is field-installable. Use on all QLINE® D enclosures. Maintains listed ratings for enclosure.

Bulletin: Q41Y

| |
|----------------|
| Catalog Number |
| QDMFK |

Hardware Kit

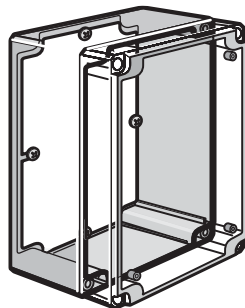


Hardware Kit includes six self-tapping, stainless steel cover screws, four self-tapping plated panel screws and six removable plastic caps that fit over the screws to provide tamper resistance as well as a clean aesthetic appearance. This kit is offered as a replacement kit for lost or damaged hardware originally furnished with the enclosure.

Bulletin: Q41Y

| |
|----------------|
| Catalog Number |
| QDHHK |

Panels



Bulletin: Q41Y

| Catalog Number | Panel Size D x E mm/in. | Mounting G x H mm/in. |
|----------------|-------------------------------|-----------------------------|
| Q88PD | 68 x 55 2.68 x 2.17 | 70 x 50 2.76 x 1.97 |
| Q128PD | 91 x 65 3.58 x 2.56 | 108 x 50 4.25 x 1.97 |
| Q168PD | 131 x 65 5.16 x 2.56 | 148 x 50 5.83 x 1.97 |
| Q1212PD | 105 x 93 4.13 x 3.66 | 110 x 90 4.33 x 3.54 |
| Q1612PD | 130 x 100 5.12 x 3.94 | 148 x 90 5.83 x 3.54 |
| Q2012PD | 170 x 100 6.69 x 3.94 | 188 x 90 7.40 x 3.54 |
| Q2015PD | 170 x 128 6.69 x 5.04 | 188 x 120 7.40 x 4.72 |
| Q2416PD | 211 x 148 8.31 x 5.83 | 228 x 130 8.98 x 5.12 |
| Q3023PD | 265 x 210 10.43 x 8.27 | 288 x 200 11.34 x 7.87 |

QLINE® D

Notes

QLINE® D

QLINE® D, EMC, Type 4X



Industry Standards

UL 508A Listed; Type 4, 4X, 12, 13
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

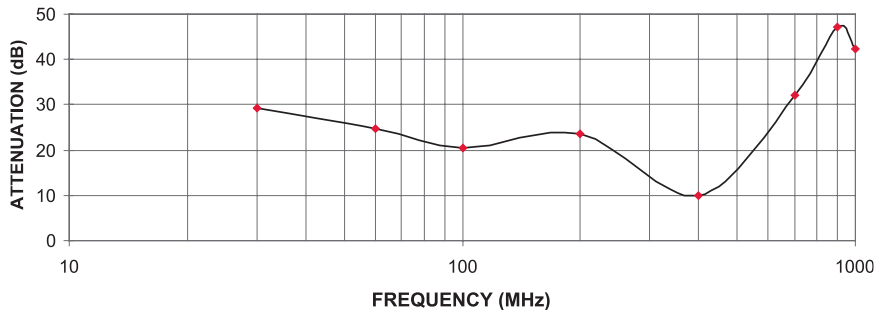
NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Standard Product

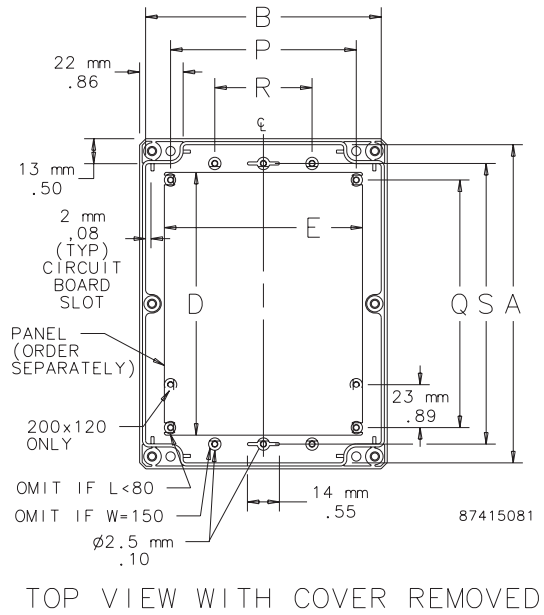
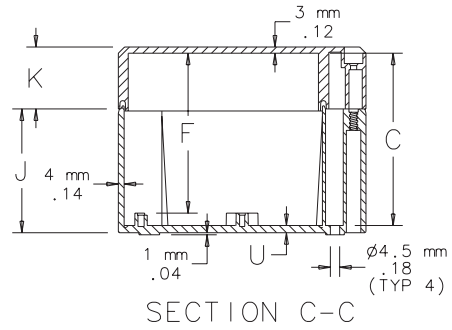
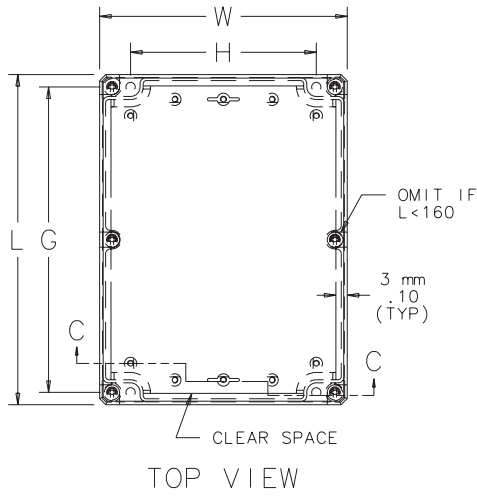
| Catalog Number | External Dimensions | | Internal Dimensions | | Panel | Panel Size | | Mounting | | | | | | | |
|----------------|---------------------|-------------|---------------------|--------------|-------------|-------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | AxBxC mm/in. | LxW mm/in. | AxBxC mm/in. | AxBxC mm/in. | | DxE mm/in. | GxH mm/in. | F mm/in. | J mm/in. | K mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | U mm/in. |
| Q1286PCEMC | 120 x 80 x 55 | 120 x 80 | 114 x 74 x 49 | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | 96 | 3 | |
| | 4.70 x 3.10 x 2.20 | 4.72 x 3.15 | 4.47 x 2.89 x 1.93 | Q128PD | 3.58 x 2.56 | 4.25 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 3.21 | — | 3.78 | 0.12 | |
| Q1289PCEMC | 120 x 80 x 85 | 120 x 80 | 113 x 73 x 79 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | 96 | 3 | |
| | 4.70 x 3.10 x 3.30 | 4.72 x 3.15 | 4.45 x 2.87 x 3.11 | Q128PD | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 3.21 | — | 3.78 | 0.12 | |
| Q16129PCEMC | 160 x 120 x 90 | 160 x 120 | 153 x 113 x 84 | Q1612PD | 130 x 100 | 148 x 90 | 77.5 | 60 | 30 | 90 | 120 | — | 136 | 3 | |
| | 6.30 x 4.70 x 3.50 | 6.30 x 4.72 | 6.02 x 4.45 x 3.29 | Q1612PD | 5.12 x 3.94 | 5.83 x 3.54 | 3.05 | 2.36 | 1.18 | 3.54 | 4.72 | — | 5.35 | 0.12 | |
| Q1689PCEMC | 160 x 80 x 85 | 160 x 80 | 153 x 73 x 79 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | 136 | 3 | |
| | 6.30 x 3.10 x 3.30 | 6.30 x 3.15 | 6.02 x 2.87 x 3.11 | Q168PD | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 4.78 | — | 5.35 | 0.12 | |
| Q20129PCEMC | 200 x 120 x 85 | 200 x 120 | 193 x 113 x 79 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 | |
| | 7.90 x 4.70 x 3.30 | 7.87 x 4.72 | 7.60 x 4.45 x 3.11 | Q2012PD | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 0.59 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | |
| Q24169PCEMC | 240 x 160 x 90 | 240 x 160 | 233 x 153 x 84 | Q2416PD | 211 x 148 | 228 x 130 | 77.5 | 75 | 15 | 138 | 202 | 75 | 215 | 3.5 | |
| | 9.40 x 6.30 x 3.50 | 9.45 x 6.30 | 9.17 x 6.02 x 3.29 | Q2416PD | 8.31 x 5.83 | 8.98 x 5.12 | 3.05 | 2.95 | 0.59 | 5.43 | 7.93 | 2.95 | 8.46 | 0.14 | |

Purchase panels separately.

Q1286PCEMC QLINE® D Enclosure Shielding Effectiveness



QLINE® D



QLINE® E
QLINE® E, Type 4X

Industry Standards
Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 6, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 6, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 CSA File No. 42186: Type 4, 4X, 12, 13
 IEC 60529, IP67

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 IEC 60529, IP67

Application

QLINE® E Enclosures house larger controls, provide additional size-range options and offer greater internal mounting flexibility than smaller QLINE products. Featuring contoured bodies with flush cover screws, they are functional in corrosive environments and can withstand occasional submersion.

The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

Specifications

- Body is impact-resistant polycarbonate for PCE series and ABS for ABE series
- Opaque and clear covers are impact-resistant polycarbonate for PCE, opaque covers are ABS for ABE series
- Polycarbonate and ABS material is easily punched, drilled, filed or sawed
- Cross-point flush cover screws are strong, durable polyamide
- Cover includes a molded-in wire lead hole
- Mounting tracks along body side walls for PC card installation
- Molded internal pads for mounting optional panels, rails and other components
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Material is halogen free

Finish

Polycarbonate and ABS enclosure material is RAL 7035 light-gray inside and out. Optional panels are plated steel.

Accessories

See also Accessories.
 Brass Inserts
 Hardware Kit
 Hinge Kit
 HOL-SEALERS™ Non-Metallic Hole Seals
 Mounting Bracket Kit

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: Q41

Standard Product Polycarbonate

| Catalog Number | AxBxC mm/in. | Cover Style | External Dimensions | | Panel | Panel Size D x E mm/in. | Mounting G x H mm/in. | F mm/in. | K mm/in. | P mm/in. | Q mm/in. | S mm/in. |
|----------------|--------------------|-------------|---------------------|-------------|---------|-------------------------|-----------------------|----------|----------|----------|----------|----------|
| | | | L x W mm/in. | | | | | | | | | |
| Q1388PCE | 119 x 69 x 67 | Opaque | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 2.40 | 0.98 | 1.57 | 2.95 | 3.54 | |
| Q1388PCECC | 119 x 69 x 67 | Clear | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 2.40 | 0.98 | 1.57 | 2.95 | 3.54 | |
| Q13138PCE | 119 x 119 x 67 | Opaque | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 2.40 | 0.98 | 3.54 | 2.95 | 3.54 | |
| Q13138PCECC | 119 x 119 x 67 | Clear | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 2.40 | 0.98 | 3.54 | 2.95 | 3.54 | |
| Q18138PCE | 169 x 119 x 67 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 2.40 | 0.98 | 3.54 | 3.94 | 5.51 | |
| Q18138PCECC | 169 x 119 x 67 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 2.40 | 0.98 | 3.54 | 3.94 | 5.51 | |
| Q18188PCE | 169 x 169 x 67 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 2.40 | 0.98 | 5.51 | 4.92 | 5.51 | |
| Q18188PCECC | 169 x 169 x 67 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 2.40 | 0.98 | 5.51 | 4.92 | 5.51 | |
| Q25188PCE | 244 x 169 x 67 | Opaque | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 2.40 | 0.98 | 5.47 | 7.95 | 8.46 | |
| Q25188PCECC | 244 x 169 x 67 | Clear | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 2.40 | 0.98 | 5.47 | 7.95 | 8.46 | |
| Q13810PCE | 119 x 69 x 92 | Opaque | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 | |
| Q13810PCECC | 119 x 69 x 92 | Clear | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 | |
| Q131310PCE | 119 x 119 x 92 | Opaque | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 | |
| Q131310PCECC | 119 x 119 x 92 | Clear | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 | |
| Q181310PCE | 169 x 119 x 92 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 | |
| Q181310PCECC | 169 x 119 x 92 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 | |
| Q181810PCE | 169 x 169 x 92 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 | |
| Q181810PCECC | 169 x 169 x 92 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 | |
| Q251810PCE | 244 x 169 x 92 | Opaque | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 | |
| Q251810PCECC | 244 x 169 x 92 | Clear | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 | |
| Q13813PCE | 119 x 69 x 117 | Opaque | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 | |
| Q13813PCECC | 119 x 69 x 117 | Clear | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 | |
| Q131313PCE | 119 x 119 x 117 | Opaque | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 | |
| Q131313PCECC | 119 x 119 x 117 | Clear | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 | |
| Q181313PCE | 169 x 119 x 117 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 | |
| Q181313PCECC | 169 x 119 x 117 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 | |
| Q181813PCE | 169 x 169 x 117 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 | |
| Q181813PCECC | 169 x 169 x 117 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 | |
| Q181315PCE | 169 x 119 x 142 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 | |
| Q181315PCECC | 169 x 119 x 142 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 | |
| Q181815PCE | 169 x 169 x 142 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 | |
| Q181815PCECC | 169 x 169 x 142 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 | |
| Q251815PCE | 244 x 169 x 142 | Opaque | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 | |
| Q251815PCECC | 244 x 169 x 142 | Clear | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 | |

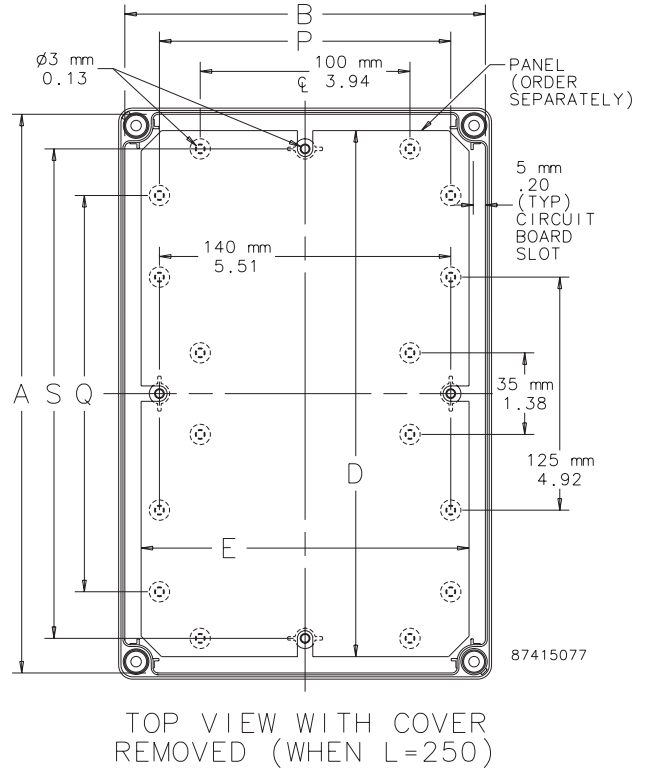
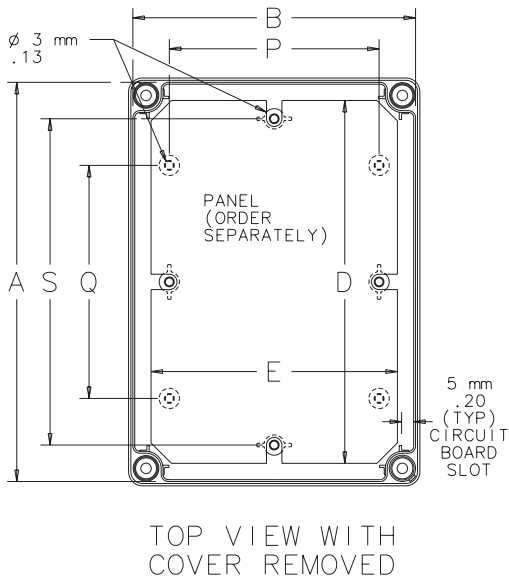
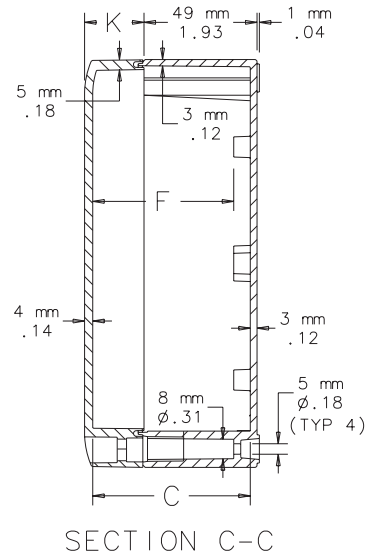
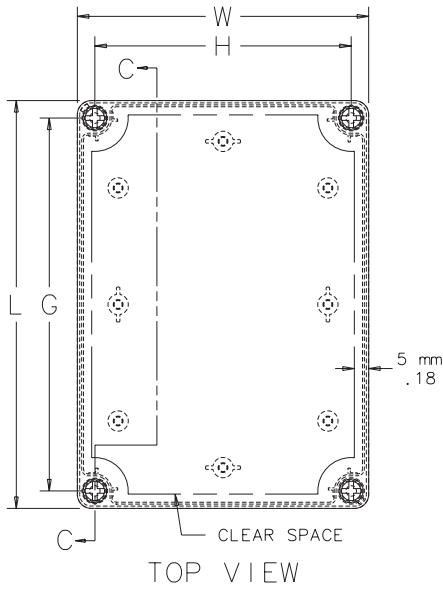
A x B x C are internal dimensions.

Purchase panels separately.

QLINE® E
Standard Product ABS

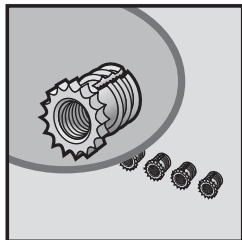
| Catalog Number | AxBxC mm/in. | Cover Style | External Dimensions L x W mm/in. | Panel | Panel Size D x E mm/in. | Mounting G x H mm/in. | F mm/in. | K mm/in. | P mm/in. | Q mm/in. | S mm/in. |
|----------------|--------------------|-------------|----------------------------------|---------|-------------------------|-----------------------|----------|----------|----------|----------|----------|
| Q1388ABE | 119 x 69 x 67 | Opaque | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 2.40 | .98 | 1.57 | 2.95 | 3.54 |
| Q1388ABECC | 119 x 69 x 67 | Clear | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 2.40 | .98 | 1.57 | 2.95 | 3.54 |
| Q13138ABE | 119 x 119 x 67 | Opaque | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 2.40 | .98 | 3.54 | 2.95 | 3.54 |
| Q13138ABECC | 119 x 119 x 67 | Clear | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 2.40 | .98 | 3.54 | 2.95 | 3.54 |
| Q18138ABE | 169 x 119 x 67 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 2.40 | .98 | 3.54 | 3.94 | 5.51 |
| Q18138ABECC | 169 x 119 x 67 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 2.40 | .98 | 3.54 | 3.94 | 5.51 |
| Q18188ABE | 169 x 169 x 67 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 2.40 | .98 | 5.51 | 4.92 | 5.51 |
| Q18188ABECC | 169 x 169 x 67 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 2.40 | .98 | 5.51 | 4.92 | 5.51 |
| Q25188ABE | 244 x 169 x 67 | Opaque | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 2.40 | .98 | 5.47 | 7.95 | 8.46 |
| Q25188ABECC | 244 x 169 x 67 | Clear | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 2.40 | .98 | 5.47 | 7.95 | 8.46 |
| Q13810ABE | 119 x 69 x 92 | Opaque | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 |
| Q13810ABECC | 119 x 69 x 92 | Clear | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 |
| Q131310ABE | 119 x 119 x 92 | Opaque | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 |
| Q131310ABECC | 119 x 119 x 92 | Clear | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 |
| Q181310ABE | 169 x 119 x 92 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 |
| Q181310ABECC | 169 x 119 x 92 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 |
| Q181810ABE | 169 x 169 x 92 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 |
| Q181810ABECC | 169 x 169 x 92 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 |
| Q251810ABE | 244 x 169 x 92 | Opaque | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 |
| Q251810ABECC | 244 x 169 x 92 | Clear | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 |
| Q13813ABE | 119 x 69 x 117 | Opaque | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 |
| Q13813ABECC | 119 x 69 x 117 | Clear | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 |
| Q131313ABE | 119 x 119 x 117 | Opaque | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 |
| Q131313ABECC | 119 x 119 x 117 | Clear | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 |
| Q181313ABE | 169 x 119 x 117 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 |
| Q181313ABECC | 169 x 119 x 117 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 |
| Q181813ABE | 169 x 169 x 117 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 |
| Q181813ABECC | 169 x 169 x 117 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 |
| Q181315ABE | 169 x 119 x 142 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 |
| Q181315ABECC | 169 x 119 x 142 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 |
| Q181815ABE | 169 x 169 x 142 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 |
| Q181815ABECC | 169 x 169 x 142 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 |
| Q251815ABE | 244 x 169 x 142 | Opaque | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 |
| Q251815ABECC | 244 x 169 x 142 | Clear | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 |

QLINE® E



QLINE® E

Brass Inserts

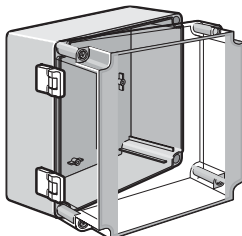


Self-tapping Brass Inserts fit into molded pads in the bottom of the enclosure. Inserts have an M2 internal machine screw thread and M4 self-tapping external thread.

Bulletin: Q41Y

| Catalog Number | Description | Qty. Pkg. |
|----------------|-------------------|-----------|
| QEBI | M2 thread inserts | 4 |

Hinge Kit



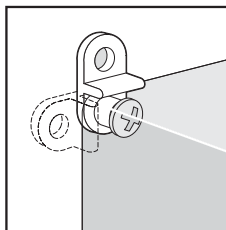
Includes two polyamid hinges, eight M4 self-tapping zinc-plated screws, eight flat washers and drilling template. Use on all QLINE® E enclosures.

Kit might not meet Type 4 requirements and should, therefore, be verified by customer.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QDEHK |

Mounting Bracket Kit

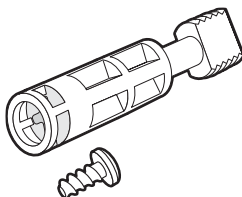


Kit includes four polycarbonate brackets and four M4 self-tapping, plated screws. Use on all QLINE® E enclosures. No modification to the enclosure is required for installation. Maintains listed ratings.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QEMFK |

Hardware Kit

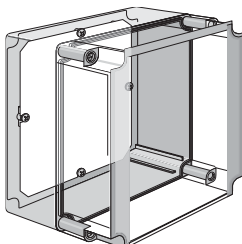


Four cross-point polyamide cover screws and four self-tapping plated screws used to mount optional panels, rails and other components. This kit is offered as a replacement kit for lost or damaged hardware originally furnished with the enclosure.

Bulletin: Q41Y

| Catalog Number | Description | Fits QLINE Enclosure |
|----------------|-------------|----------------------------------|
| QEHK35 | 35-mm screw | when C = 67 mm, 117 mm or 142 mm |
| QEHK60 | 60-mm screw | when C = 92 mm |

Panels



Bulletin: Q41Y

| Catalog Number | Panel Size D x E mm/in. |
|----------------|--------------------------|
| Q138PE | 98 x 48 3.86 x 1.89 |
| Q1313PE | 98 x 98 3.86 x 3.86 |
| Q1813PE | 148 x 98 5.83 x 3.86 |
| Q1818PE | 148 x 148 5.83 x 5.83 |
| Q2518PE | 223 x 148 8.78 x 5.83 |

QLINE® E
QLINE® E, EMC, Type 4X

Industry Standards

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94: Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Application

Medium-size QLINE® E polycarbonate EMC enclosures have contoured bodies and flush cover screws for an attractive, contemporary appearance while also providing EMC protection in corrosive environments.

Specifications

- Body is impact-resistant polycarbonate
- EMC conductive coating in base and cover
- Gasket of silver/silicone
- Mounting holes molded directly under cover screws
- Screws provided for mounting optional panel
- Polycarbonate material is easily punched, drilled, filed or sawed
- Cross-point flush cover screws are strong, durable polyamide
- Mounting tracks along body side walls for PC card installation
- Molded internal pads for mounting optional panels, rails and other components

Finish

Enclosure material is RAL 7035 light-gray outside. Optional panels are conductive steel.

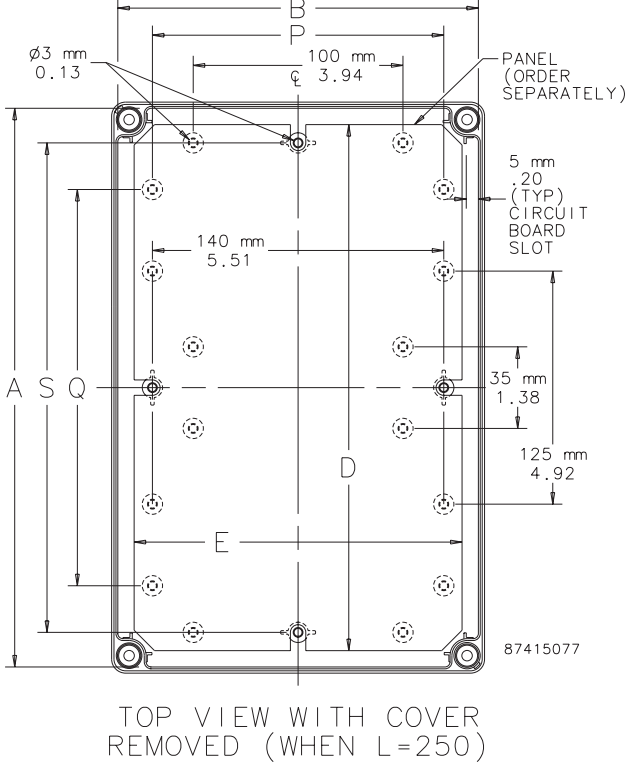
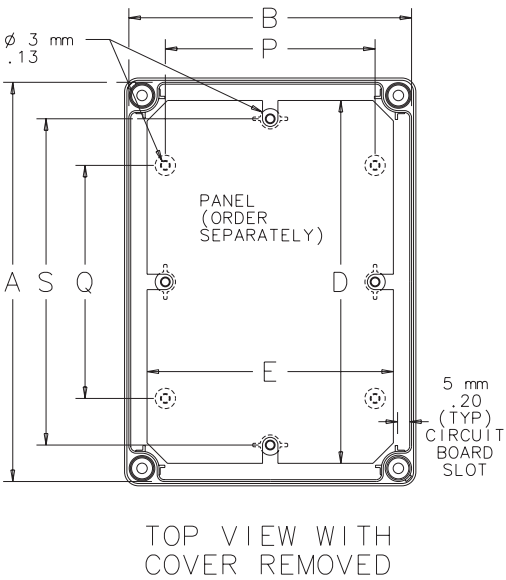
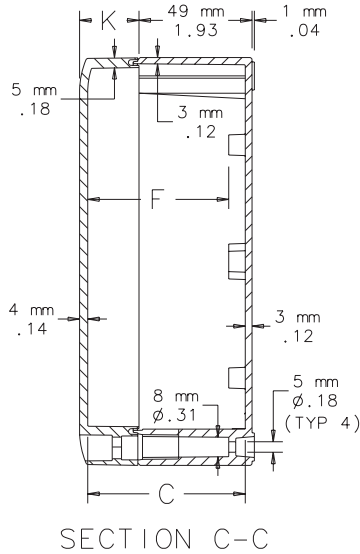
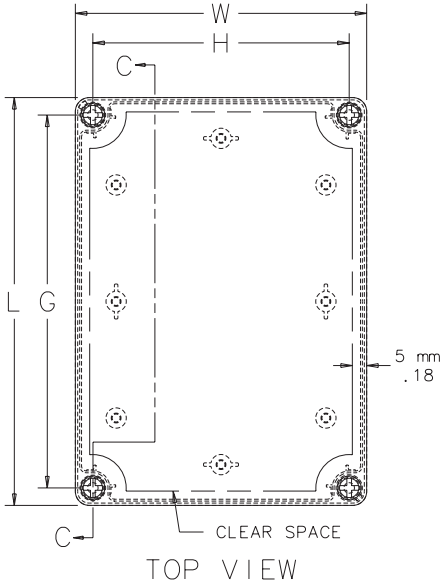
Bulletin: Q41EM

Standard Product

| Catalog Number | External Dimensions | | Internal Dimensions | | Panel | Panel Size | | Mounting | | | | | | | |
|----------------|---------------------|--------------|---------------------|--------------|-------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| | AxBxC mm/in. | L x W mm/in. | A x B x C mm/in. | D x E mm/in. | | G x H mm/in. | F mm/in. | K mm/in. | P mm/in. | Q mm/in. | S mm/in. | T mm/in. | W mm/in. | X mm/in. | |
| Q1388PCEMC | 125 x 75 x 74 | 125 x 75 | 119 x 69 x 67 | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 | — | — | — | |
| | 4.90 x 3.00 x 2.90 | 4.92 x 2.95 | 4.67 x 2.70 x 2.65 | Q1313PE | 3.86 x 1.89 | 4.33 x 2.36 | 2.38 | 0.98 | 1.57 | 2.95 | 3.54 | — | — | — | |
| Q1313PCEMC | 125 x 125 x 74 | 125 x 125 | 119x 119 x 67 | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 | — | 23 | — | |
| | 4.90 x 4.90 x 2.90 | 4.92 x 4.92 | 4.67 x 4.67 x 2.65 | Q1313PE | 3.86 x 3.86 | 4.33 x 4.33 | 2.38 | 0.98 | 3.54 | 2.95 | 3.54 | — | 0.89 | — | |
| Q131310PCEMC | 125 x 125 x 99 | 125 x 125 | 119 x 119 x 92 | Q1313PE | 98 x 98 | 110 x 110 | 86 | 25 | 90 | 75 | 90 | — | 23 | — | |
| | 4.90 x 4.90 x 3.90 | 4.92 x 4.92 | 4.67 x 4.67 x 3.64 | Q1813PE | 3.86 x 3.86 | 4.33 x 4.33 | 3.37 | 0.98 | 3.54 | 2.95 | 3.54 | — | 0.89 | — | |
| Q18138PCEMC | 175 x 125 x 74 | 175 x 125 | 169 x 119 x 67 | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 | 15 | 23 | — | |
| | 6.90 x 4.90 x 2.90 | 6.89 x 4.92 | 6.63 x 4.67 x 2.65 | Q1813PE | 5.83 x 3.86 | 6.30 x 4.33 | 2.38 | 0.98 | 3.54 | 3.94 | 5.51 | 0.59 | 0.89 | — | |
| Q181310PCEMC | 175 x 125 x 99 | 175 x 125 | 169 x 119 x 92 | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 | 15 | 23 | — | |
| | 6.90 x 4.90 x 3.90 | 6.89 x 4.92 | 6.63 x 4.67 x 3.64 | Q1818PE | 5.83 x 3.86 | 6.30 x 4.33 | 3.37 | 1.97 | 3.54 | 3.94 | 5.51 | 0.59 | 0.89 | — | |
| Q18188PCEMC | 175 x 175 x 74 | 175 x 175 | 169 x 169 x 67 | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 | — | 15 | 35 | |
| | 6.90 x 6.90 x 2.90 | 6.89 x 6.89 | 6.63 x 6.63 x 2.65 | | 5.83 x 5.83 | 6.30 x 6.30 | 2.38 | 0.98 | 5.51 | 4.92 | 5.51 | — | 0.59 | 1.38 | |

Purchase panels separately.

QLINE® E



QLINE® I
QLINE® I, Type 4X

Industry Standards
Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 CSA File No. 42186: Type 4, 4X, 12, 13
 IEC 60529, IP66

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Application

The largest-sized QLINE® enclosure, QLINE I provides easy access and protects larger controls from corrosive environments. Choose from screw cover, hinge, internal mounting, variable depth and quick-release latch options to meet your design and security requirements. The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

Specifications

- Body is impact-resistant polycarbonate for PCI series and ABS for ABI series
- Opaque and clear covers are impact-resistant polycarbonate for PCI; opaque covers are ABS for ABI series
- Polycarbonate and ABS material is easily punched, drilled, filed or sawed
- Mounting holes molded directly under cover screws
- Molded internal pads for mounting optional panels, rails and other components
- Molded internal rails for mounting adjustable-depth panel kit
- Screws provided for mounting optional panel
- Optional extension rings are molded polycarbonate
- Cover includes a molded-in hole for wire lead
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Material is halogen free

Screw Cover Enclosures have easy-to-remove covers attached to body with strong, durable polyamide cross-point cover screws.

Enclosures with Quick-Release Latches have polycarbonate hinges and polyester latches with a padlock provision.

Finish

Polycarbonate and ABS enclosure material is RAL 7035 light-gray inside and out. Optional panels are plated steel.

Accessories

See also Accessories.

- Brass Insert Kit
- Cover Screw Kit
- Extension Rings
- Hardware Kit
- H2OMIT® Vent Drains, Type 4X
- Hinge Kit
- HOL-SEALERS™ Non-Metallic Hole Seals
- Mounting Bracket Kit
- Panel Depth Fitting

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: Q41

QLINE® I

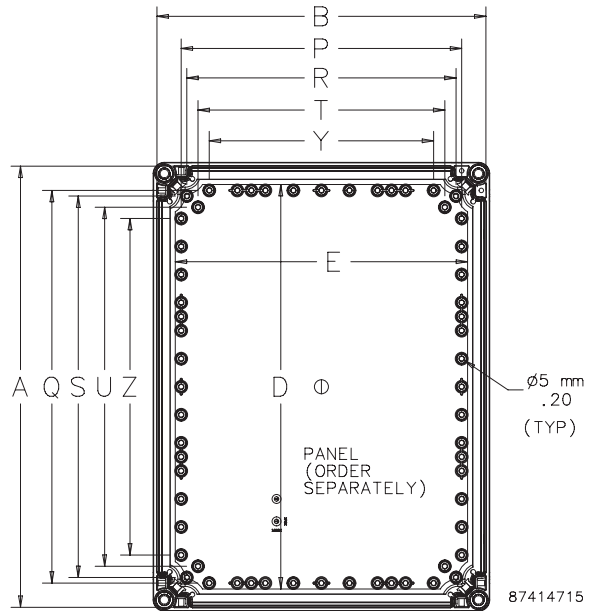
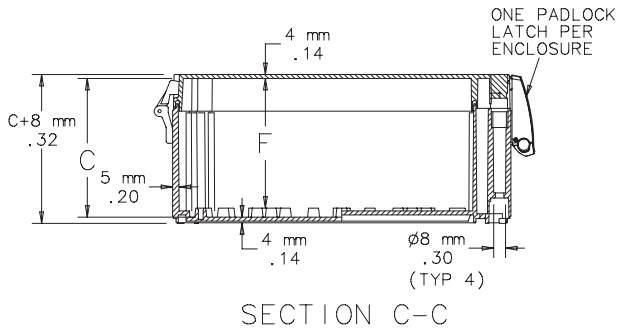
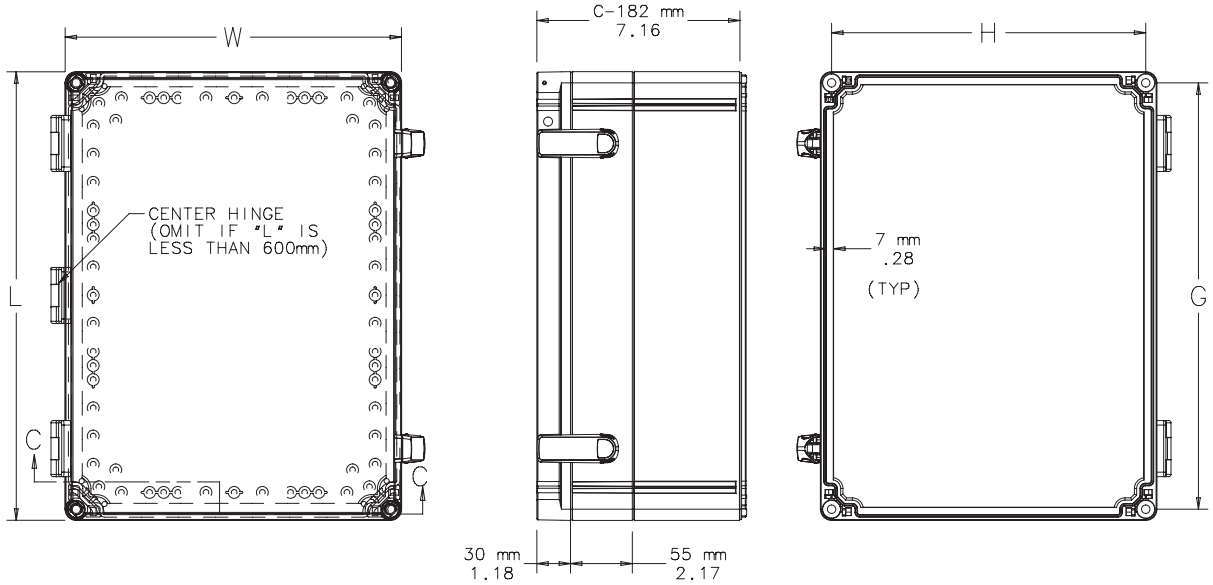
| Catalog Number | Ax B x C mm/in. | Cover Style | Cover Fastener | External Dim's | | Panel Size | | Extension Ring | Mounting | | | | | | | | |
|-----------------|----------------------|-------------|----------------|----------------|---------|---------------|--------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | L x W mm/in. | Panel | D x E mm/in. | G x H mm/in. | | F mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | T mm/in. | U mm/in. | Y mm/in. | Z mm/in. |
| Q403013PCIQRCCR | 388 x 288 x 123 | Clear | QR | 400 x 300 | Q4030PI | 360 x 260 | — | 380 x 280 | 115 | 250 | 350 | 240 | 340 | 220 | 310 | 200 | 300 |
| | 15.28 x 11.34 x 4.84 | | Latch | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 4.53 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 | 7.87 | 11.81 |
| Q603013PCIQRRR | 588 x 288 x 123 | Opaque | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 115 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.34 x 4.84 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 4.53 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q603013PCIQRCCR | 588 x 288 x 123 | Clear | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 115 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.34 x 4.84 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 4.53 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q604013PCIQRRR | 588 x 388 x 123 | Opaque | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 115 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 4.84 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 4.53 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 | 11.81 | 19.69 |
| Q604013PCIQRCCR | 588 x 388 x 123 | Clear | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 115 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 4.84 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 4.53 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 | 11.81 | 19.69 |
| Q202018PCIQRRR | 188 x 188 x 173 | Opaque | QR | 200 x 200 | Q2020PI | 160 x 160 | — | 180 x 180 | 115 | 150 | 150 | 140 | 140 | 120 | 110 | 100 | 100 |
| | 7.40 x 7.40 x 6.81 | | Latch | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 6.50 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 | 3.94 | 3.94 |
| Q202018PCIQRCCR | 188 x 188 x 173 | Clear | QR | 200 x 200 | Q2020PI | 160 x 160 | — | 180 x 180 | 165 | 150 | 150 | 140 | 140 | 120 | 110 | 100 | 100 |
| | 7.40 x 7.40 x 6.81 | | Latch | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 6.50 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 | 3.94 | 3.94 |
| Q302018PCIQRRR | 288 x 188 x 173 | Opaque | QR | 300 x 200 | Q3020PI | 260 x 160 | — | 280 x 180 | 165 | 150 | 250 | 140 | 240 | 120 | 110 | 100 | 200 |
| | 11.34 x 7.40 x 6.81 | | Latch | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 6.50 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 4.33 | 3.94 | 7.87 |
| Q302018PCIQRCCR | 288 x 188 x 173 | Clear | QR | 300 x 200 | Q3020PI | 260 x 160 | — | 280 x 180 | 165 | 150 | 250 | 140 | 240 | 120 | 110 | 100 | 200 |
| | 11.34 x 7.40 x 6.81 | | Latch | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 6.50 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 4.33 | 3.94 | 7.87 |
| Q402018PCIQRRR | 388 x 188 x 173 | Opaque | QR | 400 x 200 | Q4020PI | 360 x 160 | — | 380 x 180 | 165 | 150 | 350 | 140 | 340 | 120 | 310 | 100 | 300 |
| | 15.28 x 7.40 x 6.81 | | Latch | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 6.50 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 | 3.94 | 11.81 |
| Q402018PCIQRCCR | 388 x 188 x 173 | Clear | QR | 400 x 200 | Q4020PI | 360 x 160 | — | 380 x 180 | 165 | 150 | 350 | 140 | 340 | 120 | 310 | 100 | 300 |
| | 15.28 x 7.40 x 6.81 | | Latch | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 6.50 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 | 3.94 | 11.81 |
| Q303018PCIQRRR | 288 x 288 x 173 | Opaque | QR | 300 x 300 | Q3030PI | 260 x 260 | — | 280 x 280 | 165 | 250 | 250 | 240 | 240 | 220 | 210 | 200 | 200 |
| | 11.34 x 11.34 x 6.81 | | Latch | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 6.50 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 | 7.87 | 7.87 |
| Q303018PCIQRCCR | 288 x 288 x 173 | Clear | QR | 300 x 300 | Q3030PI | 260 x 260 | — | 280 x 280 | 165 | 250 | 250 | 240 | 240 | 220 | 210 | 200 | 200 |
| | 11.34 x 11.34 x 6.81 | | Latch | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 6.50 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 | 7.87 | 7.87 |
| Q403018PCIQRRR | 388 x 288 x 173 | Opaque | QR | 400 x 300 | Q4030PI | 360 x 260 | — | 380 x 280 | 165 | 250 | 350 | 240 | 340 | 220 | 310 | 200 | 300 |
| | 15.28 x 11.34 x 6.81 | | Latch | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 6.50 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 | 7.87 | 11.81 |
| Q403018PCIQRCCR | 388 x 288 x 173 | Clear | QR | 400 x 300 | Q4030PI | 360 x 260 | — | 380 x 280 | 165 | 250 | 350 | 240 | 340 | 220 | 310 | 200 | 300 |
| | 15.28 x 11.34 x 6.81 | | Latch | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 6.50 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 | 7.87 | 11.81 |
| Q603018PCIQRRR | 588 x 288 x 173 | Opaque | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 165 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.34 x 6.81 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 6.50 | 9.84 | 21.65 | 9.45 | 21.25 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q603018PCIQRCCR | 588 x 288 x 173 | Clear | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 165 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.37 x 6.81 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 6.50 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q604018PCIQRRR | 588 x 388 x 173 | Opaque | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 165 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 6.81 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 6.50 | 13.78 | 21.65 | 13.39 | 21.28 | 12.60 | 20.08 | 11.81 | 19.69 |
| Q604018PCIQRCCR | 588 x 388 x 173 | Clear | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 165 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 6.81 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 6.50 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 | 11.81 | 19.69 |

A x B x C are internal dimensions.

Purchase panels and extension rings separately.

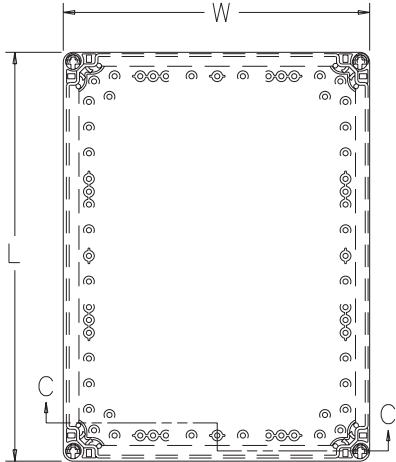
QLINE® I

QLINE I Polycarbonate and ABS Type 4X Enclosures with Quick-Release Latches Dimension Drawing

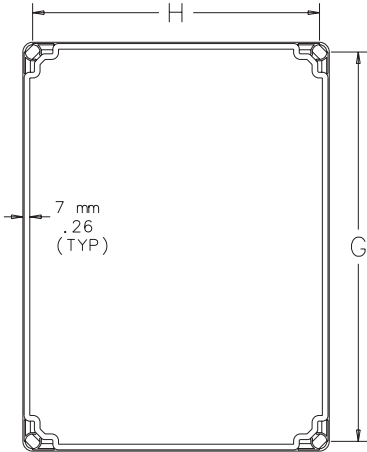


QLINE® I

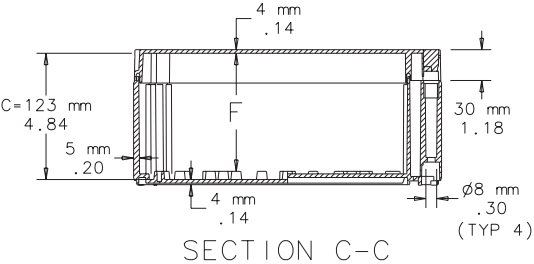
QLINE I Polycarbonate and ABS Screw Cover Dimension Drawing



TOP VIEW

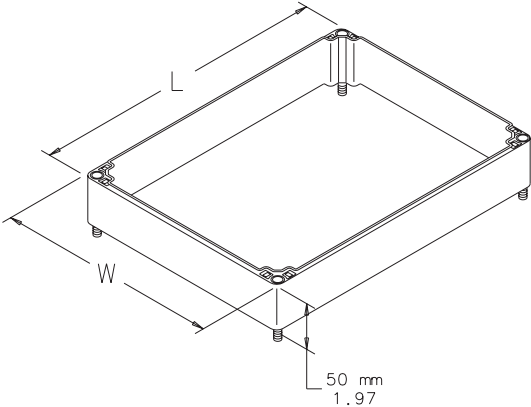


BOTTOM VIEW

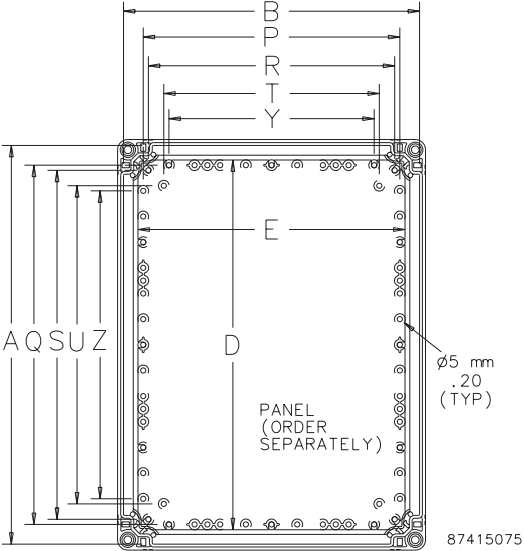


SECTION C-C

NOTE: Panel screws are M5 pan head.



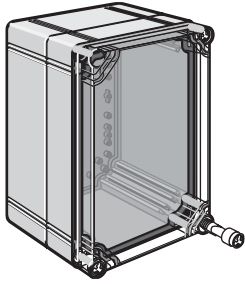
OPTIONAL EXTENSION RING



TOP VIEW WITH COVER REMOVED

QLINE® I

Cover Screw Kit

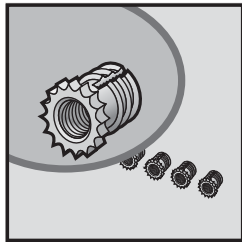


Screws are polyamide. Wing-head-style screws provide rapid access to enclosure interior without requiring special tools to open. Kit includes four polyamide cover screws and four self-tapping, plated panel screws. Tamper-resistant screws have molded 3-mm double-bit drive; kit includes four cover screws, one key and four self-tapping, plated panel screws. Use on all QLINE® I enclosures.

Bulletin: Q41Y

| Catalog Number | Description |
|----------------|----------------------------------|
| QIWHSK | wing-head screw |
| QITSK | 3-mm tamper-resistant double-bit |

Brass Insert Kit

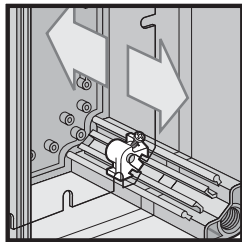


Four M5 self-tapping brass inserts screw into molded pads in bottom of enclosure. Inserts have M3 internal thread.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QBIK |

Panel Depth Fitting



Panel Depth Fitting attaches to corner molded rails of enclosure to facilitate full-range front-to-back panel adjustment. Package includes four polyamide fittings and plated screws. Use on all QLINE I enclosures.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QIPDF |

Swing Panel



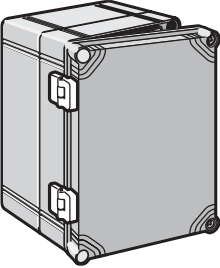
Adjustable-depth aluminum swing panels, for use in QLINE® I polycarbonate enclosures, provide a convenient way to install controls and instruments near enclosure body opening while providing access and security. Suitable applications include water, pulp and paper, petroleum and chemical processing, food, packaging and pharmaceutical applications.

Bulletin: Q41Y

| Catalog Number | Panel Size D x E mm/in. | Fits Enclosure Size A x B mm/in. | Hinged Side of Enclosure |
|----------------|-------------------------------|--|-----------------------------|
| QIHFP22A | 186 x 180 7.32 x 7.09 | 200 x 200 7.87 x 7.87 | 200 |
| QIHFP23A | 186 x 280 7.32 x 11.02 | 300 x 200 11.81 x 7.87 | 200 |
| QIHFP32A | 286 x 180 11.26 x 7.09 | 300 x 200 11.81 x 7.87 | 300 |
| QIHFP42A | 386 x 180 15.20 x 7.09 | 400 x 200 15.75 x 7.87 | 400 |
| QIHFP33A | 286 x 280 11.26 x 11.02 | 300 x 300 11.81 x 11.81 | 300 |
| QIHFP43A | 386 x 280 15.20 x 11.02 | 400 x 300 15.75 x 11.81 | 400 |
| QIHFP63A | 586 x 280 23.07 x 11.02 | 600 x 300 23.62 x 11.81 | 600 |
| QIHFP64A | 586 x 380 23.07 x 14.96 | 600 x 400 23.62 x 15.75 | 600 |

QLINE® I

Hinge Kit

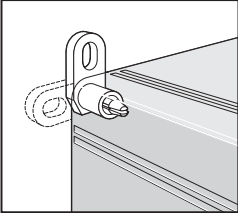


Hinge Kit includes two polyamide hinges, eight M4 self-tapping plated screws, eight flat washers and drilling template. Use on all QLINE® I enclosures.
Hinge Kit meets Type 4 requirements. Three hinges required for 600-mm sides.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QIHK |

Mounting Bracket Kit

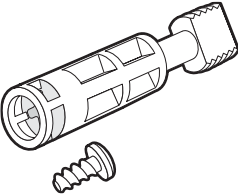


Mounting Bracket Kit has four polycarbonate brackets and four M3 self-tapping, plated screws. Kit is field-installable. Use on all QLINE® I Enclosures. Maintains listed ratings for enclosure.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QIMFK |

Hardware Kit

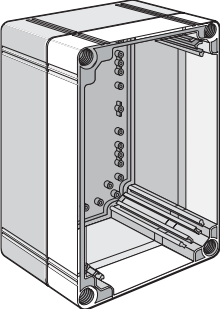


Hardware Kit includes four polyamide cover screws and four self-tapping, plated panel screws. This kit is offered as a replacement kit for lost or damaged hardware originally furnished with the enclosure.

Bulletin: Q41Y

| Catalog Number | Description |
|----------------|--------------|
| QIHK424 | 42-mm screws |

Extension Rings

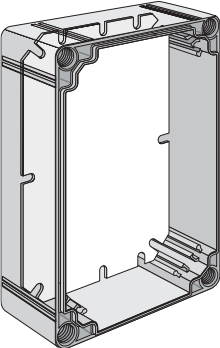


Extension rings can be added to QLINE® I enclosures to provide additional 50-mm to enclosure depth. Extension rings are polycarbonate and cannot be used with quick-release latches.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| Q2020EXTI |
| Q3020EXTI |
| Q3030EXTI |
| Q4020EXTI |
| Q4030EXTI |
| Q6030EXTI |
| Q6040EXTI |

Panels



Bulletin: Q41Y

| Catalog Number | Panel Size D x E (mm) | Panel Size D x E (in.) |
|----------------|--------------------------|---------------------------|
| Q2020PI | 160 x 160 | 6.30 x 6.30 |
| Q3020PI | 260 x 160 | 10.24 x 6.30 |
| Q3030PI | 260 x 260 | 10.24 x 10.24 |
| Q4020PI | 360 x 160 | 14.17 x 6.30 |
| Q4030PI | 360 x 260 | 14.17 x 10.24 |
| Q6030PI | 560 x 360 | 22.05 x 10.24 |
| Q6040PI | 260 x 260 | 22.05 x 14.17 |

QLINE® I

QLINE® I, EMC, Type 4X



Industry Standards

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Application

The largest-size enclosures in the QLINE® EMC series, the screw-cover QLINE I protects larger controls from electromagnetic interference in corrosive environments.

Specifications

- Body is impact-resistant polycarbonate
- Polycarbonate material is easily punched, drilled, filed or sawed
- EMC coating in base and cover
- Gasket of silver/silicone
- Mounting holes molded directly under cover screws
- Molded internal pads for mounting optional panels, rails and other components
- Molded internal rails for mounting adjustable depth panel kit
- Screws provided for mounting optional panel
- Easily removable covers attached to body with strong, durable polyamide cross-point cover screws

Finish

Enclosure material is RAL 7035 light gray outside. Optional panels are conductive steel.

Bulletin: Q41EM

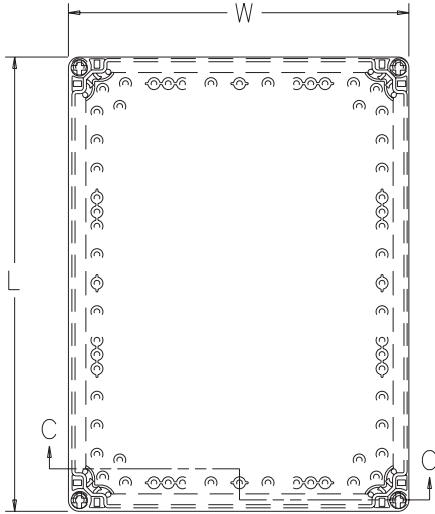
Standard Product

| Catalog Number | External Dimensions | | Internal Dimensions | | Panel | Panel Size | | Mounting | | | | | | | |
|----------------|---------------------|--------------|---------------------|--------------|--------------|--------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | A x B x C mm/in. | L x W mm/in. | A x B x C mm/in. | D x E mm/in. | | D x E mm/in. | G x H mm/in. | F mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | T mm/in. | U mm/in. | Y mm/in. |
| Q202013PCEMC | 200 x 200 x 123 | 200 x 200 | 188 x 188 | Q2020PI | 160 x 160 | 180 x 180 | 115 | 150 | 150 | 140 | 140 | 120 | 110 | 100 | 100 |
| | 7.90 x 7.90 x 4.80 | 7.87 x 7.87 | 7.40 x 7.40 | | 6.30 x 6.30 | 7.09 x 7.09 | 4.53 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 | 3.94 | 3.94 |
| Q302013PCEMC | 300 x 200 x 123 | 300 x 200 | 288 x 188 | Q3020PI | 260 x 160 | 280 x 180 | 115 | 150 | 250 | 140 | 240 | 120 | 210 | 100 | 200 |
| | 11.80 x 7.90 x 4.80 | 11.81 x 7.87 | 11.34 x 7.40 | | 10.24 x 6.30 | 11.02 x 7.09 | 4.53 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 8.27 | 3.94 | 7.87 |
| Q402013PCEMC | 400 x 200 x 123 | 400 x 200 | 388 x 188 | Q4020PI | 360 x 160 | 380 x 180 | 115 | 150 | 350 | 140 | 340 | 120 | 310 | 100 | 300 |
| | 15.70 x 7.90 x 4.80 | 15.75 x 7.87 | 15.28 x 7.40 | | 14.17 x 6.30 | 14.96 x 7.09 | 4.53 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 | 3.94 | 11.81 |

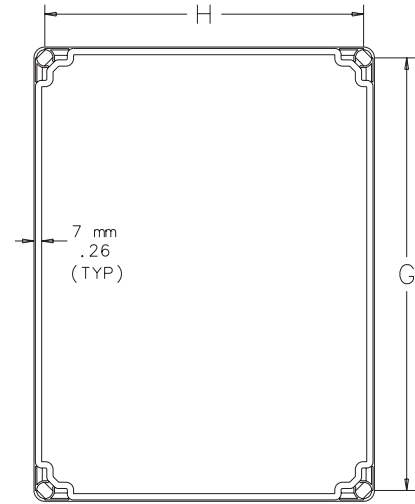
Purchase panels separately.

QLINE® I

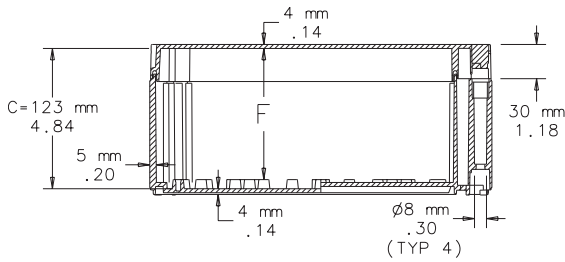
QLINE I Polycarbonate EMC Enclosures Dimension Drawing



TOP VIEW

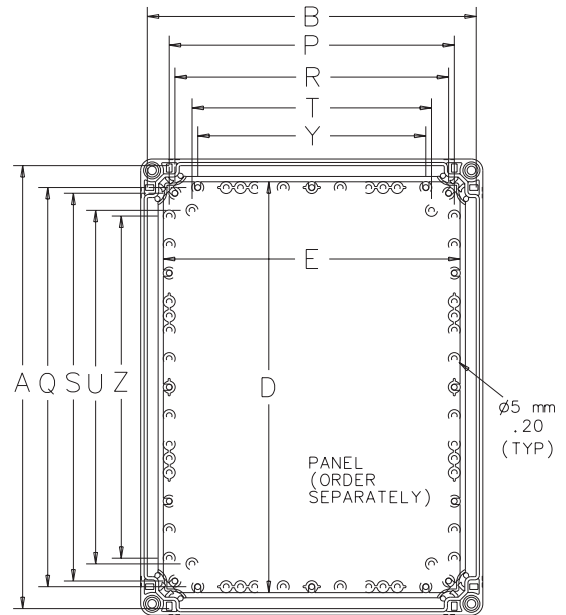


BOTTOM VIEW



SECTION C-C

Note: Panel screws are M5 pan head.



TOP VIEW WITH COVER REMOVED

CHAPTER

3

Non-Metallic

Featured Products in this Chapter



► POLYPRO®, Type 4X

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POLYPRO®, Type 4X

POLYPRO
ENCLOSURES

POLYPRO®, Type 4X



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 CSA File No. 42186; Type 4, 4X, 12, 13 (solid covers only)
 IEC 60529, IP66

Application

POLYPRO® polyester enclosures perform exceptionally well in applications where harsh chemicals, weather extremes and corrosive environments demand toughness from a lightweight enclosure. Providing excellent ultraviolet protection and a tight environmental seal, these versatile, feature-rich enclosures are also recyclable.

Specifications

- Non-glass-filled polyester material offers superior UV resistance; eliminates fiberbloom associated with fiberglass
- Provides excellent chemical resistance to a broad range of solvents, alkalis and acids
- Resists cracking and provides excellent impact resistance
- Lighter-weight than fiberglass
- Recyclable
- Easy, dustless in-field modifications using standard tools
- Overlapping tongue-and-groove raised cover and gasket provide a secure Type 4X seal

- Removable snap-hinge cover allows for easy access to cover and body for modifications
- Molded layout grid on inside of body and solid covers assists with component mounting
- Molded-in embosses for rear panel mounting
- Optional cover screws included with all models
- Internal rail system and adjustable panel blocks allow for panel height adjustment and installation of multiple panels
- Scratch-resistant polycarbonate windows
- Standard models include body and cover, two mounting feet, two latch assemblies with optional cover screws and hardware (adjustable panel blocks and panels sold separately)

Finish

RAL 7035 light-gray textured finish inside and out

Accessories

See also *Accessories*.
 Adjustable Panel Block Kit
 Panels for Junction Boxes
 HOL-SEALERS™ Non-Metallic Hole Seals
 Aluminum Swing-Out Panels
 Stainless Steel Latches (Padlockable)
 Hinge Retainers

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

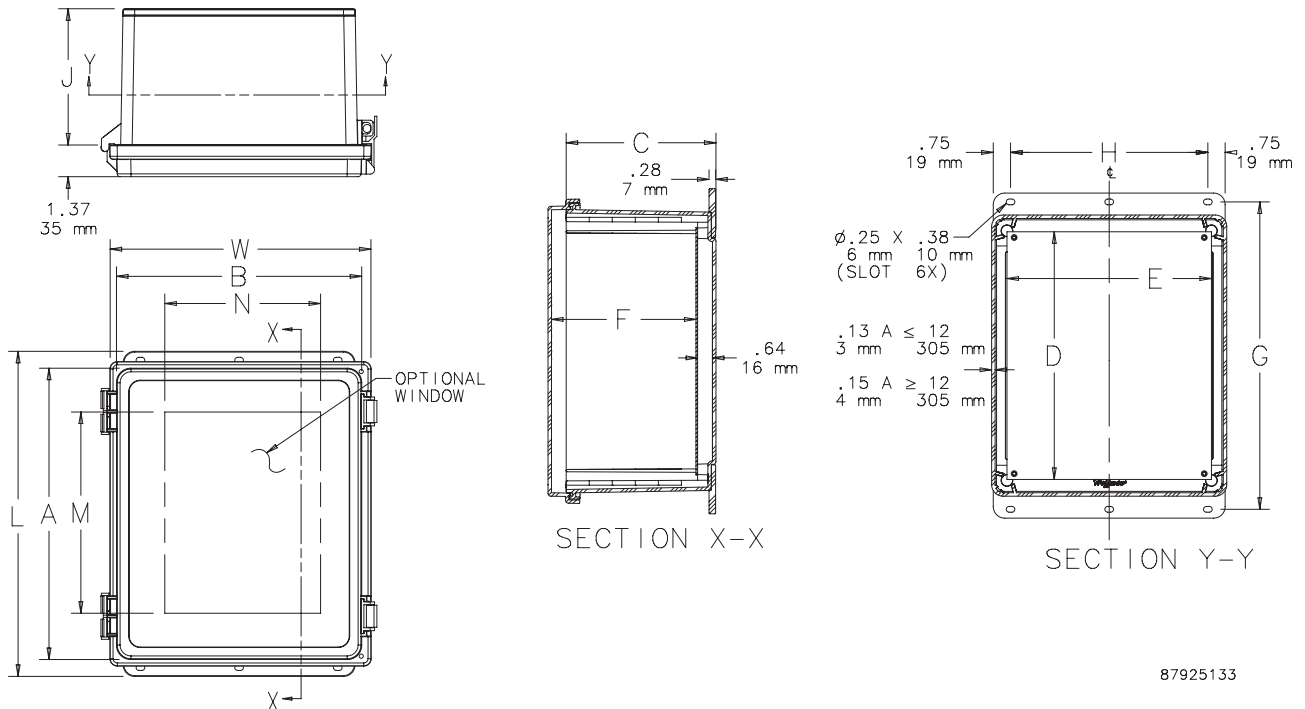
Bulletin: PCR

POLYPRO®, Type 4X

Standard Product

| Catalog Number | AxBxC in./mm | Cover Type | Steel Panel | Aluminum Panel | Panel Size | | | | | | | | |
|----------------|-----------------------|------------|-------------|----------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | D x E in./mm | F in./mm | G in./mm | H in./mm | J in./mm | L in./mm | M in./mm | N in./mm | W in./mm |
| A644PHC | 6.12 x 4.12 x 4.38 | Solid | A6P4 | A6P4AL | 4.88 x 2.88 | 4.32 | 7.38 | 2.56 | 3.91 | 8.15 | — | — | 5.23 |
| | 155 x 105 x 111 | | | | 124 x 73 | 110 | 187 | 65 | 99 | 207 | — | — | 133 |
| A644PHCW | 6.12 x 4.12 x 4.38 | Window | A6P4 | A6P4AL | 4.88 x 2.88 | 4.32 | 7.38 | 2.56 | 3.91 | 8.15 | 4.25 | 2.25 | 5.23 |
| | 155 x 105 x 111 | | | | 124 x 73 | 110 | 187 | 65 | 99 | 207 | 108 | 57 | 133 |
| A664PHC | 6.12 x 6.12 x 4.38 | Solid | A6P6 | A6P6AL | 4.88 x 4.88 | 4.32 | 7.38 | 4.56 | 3.91 | 8.15 | — | — | 7.23 |
| | 155 x 155 x 111 | | | | 124 x 124 | 110 | 187 | 116 | 99 | 207 | — | — | 184 |
| A664PHCW | 6.12 x 6.12 x 4.38 | Window | A6P6 | A6P6AL | 4.88 x 4.88 | 4.32 | 7.38 | 4.56 | 3.91 | 8.15 | 4.25 | 4.25 | 7.23 |
| | 155 x 155 x 111 | | | | 124 x 124 | 110 | 187 | 116 | 99 | 207 | 108 | 108 | 184 |
| A864PHC | 8.12 x 6.12 x 4.38 | Solid | A8P6 | A8P6AL | 6.75 x 4.88 | 4.32 | 9.38 | 4.56 | 3.91 | 10.15 | — | — | 7.23 |
| | 206 x 155 x 111 | | | | 171 x 124 | 110 | 238 | 116 | 99 | 258 | — | — | 184 |
| A864PHCW | 8.12 x 6.12 x 4.38 | Window | A8P6 | A8P6AL | 6.75 x 4.88 | 4.32 | 9.38 | 4.56 | 3.91 | 10.15 | 6.25 | 4.25 | 7.23 |
| | 206 x 155 x 111 | | | | 171 x 124 | 110 | 238 | 116 | 99 | 258 | 159 | 108 | 184 |
| A884PHC | 8.12 x 8.12 x 4.38 | Solid | A8P8 | A8P8AL | 6.75 x 6.88 | 4.32 | 9.38 | 6.56 | 3.91 | 10.15 | — | — | 9.23 |
| | 206 x 206 x 111 | | | | 171 x 175 | 110 | 238 | 167 | 99 | 258 | — | — | 234 |
| A884PHCW | 8.12 x 8.12 x 4.38 | Window | A8P8 | A8P8AL | 6.75 x 6.88 | 4.32 | 9.38 | 6.56 | 3.91 | 10.15 | 6.25 | 6.25 | 9.23 |
| | 206 x 206 x 111 | | | | 171 x 175 | 110 | 238 | 167 | 99 | 258 | 159 | 159 | 234 |
| A1084PHC | 10.12 x 8.12 x 4.38 | Solid | A10P8 | A10P8AL | 8.75 x 6.88 | 4.32 | 11.38 | 6.56 | 3.91 | 12.15 | — | — | 9.23 |
| | 257 x 155 x 111 | | | | 222 x 175 | 110 | 289 | 167 | 99 | 309 | — | — | 234 |
| A1084PHCW | 10.12 x 8.12 x 4.38 | Window | A10P8 | A10P8AL | 8.75 x 6.88 | 4.32 | 11.38 | 6.56 | 3.91 | 12.15 | 8.25 | 6.25 | 9.23 |
| | 257 x 155 x 111 | | | | 222 x 175 | 110 | 289 | 167 | 99 | 309 | 210 | 159 | 234 |
| A10106PHC | 10.04 x 10.04 x 6.38 | Solid | A10P10 | A10P10AL | 8.75 x 8.88 | 6.32 | 11.31 | 8.56 | 5.91 | 12.08 | — | — | 11.23 |
| | 255 x 255 x 162 | | | | 222 x 226 | 161 | 287 | 217 | 150 | 307 | — | — | 285 |
| A10106PHCW | 10.04 x 10.04 x 6.38 | Window | A10P10 | A10P10AL | 8.75 x 8.88 | 6.32 | 11.31 | 8.56 | 5.91 | 12.08 | 8.25 | 8.25 | 11.23 |
| | 255 x 255 x 162 | | | | 222 x 226 | 161 | 287 | 217 | 150 | 307 | 210 | 210 | 285 |
| A12106PHC | 12.08 x 10.09 x 6.38 | Solid | A12P10 | A12P10AL | 10.75 x 8.88 | 6.32 | 13.34 | 8.56 | 5.91 | 14.08 | — | — | 11.23 |
| | 307 x 256 x 162 | | | | 273 x 226 | 161 | 339 | 217 | 150 | 358 | — | — | 285 |
| A12106PHCW | 12.08 x 10.09 x 6.38 | Window | A12P10 | A12P10AL | 10.75 x 8.88 | 6.32 | 13.34 | 8.56 | 5.91 | 14.08 | 10.25 | 8.25 | 11.23 |
| | 307 x 256 x 162 | | | | 273 x 226 | 161 | 339 | 217 | 150 | 358 | 260 | 210 | 285 |
| A14128PHC | 14.02 x 12.01 x 8.35 | Solid | A14P12 | A14P12AL | 12.75 x 10.88 | 8.27 | 15.27 | 10.56 | 7.91 | 16.04 | — | — | 13.32 |
| | 356 x 305 x 212 | | | | 324 x 276 | 210 | 388 | 268 | 201 | 407 | — | — | 338 |
| A14128PHCW | 14.02 x 12.01 x 8.35 | Window | A14P12 | A14P12AL | 12.75 x 10.88 | 8.27 | 15.27 | 10.56 | 7.91 | 16.04 | 12.25 | 10.25 | 13.32 |
| | 356 x 305 x 212 | | | | 324 x 276 | 210 | 388 | 268 | 201 | 407 | 311 | 260 | 338 |
| A16148PHC | 16.02 x 14.01 x 8.35 | Solid | A16P14 | A16P14AL | 14.75 x 12.88 | 8.27 | 17.27 | 12.56 | 7.91 | 18.04 | — | — | 15.32 |
| | 407 x 356 x 212 | | | | 375 x 327 | 210 | 439 | 319 | 201 | 458 | — | — | 389 |
| A16148PHCW | 16.02 x 14.01 x 8.35 | Window | A16P14 | A16P14AL | 14.75 x 12.88 | 8.27 | 17.27 | 12.56 | 7.91 | 18.04 | 14.25 | 12.25 | 15.32 |
| | 407 x 356 x 212 | | | | 375 x 327 | 210 | 439 | 319 | 201 | 458 | 362 | 311 | 389 |
| A181610PHC | 17.95 x 15.94 x 10.35 | Solid | A18P16 | A18P16AL | 16.75 x 14.88 | 10.27 | 19.20 | 14.56 | 9.91 | 19.97 | — | — | 17.32 |
| | 456 x 405 x 263 | | | | 425 x 378 | 261 | 488 | 370 | 252 | 507 | — | — | 440 |
| A181610PHCW | 17.95 x 15.94 x 10.35 | Window | A18P16 | A18P16AL | 16.75 x 14.88 | 10.27 | 19.20 | 14.56 | 9.91 | 19.97 | 16.25 | 14.25 | 17.32 |
| | 456 x 405 x 263 | | | | 425 x 378 | 261 | 488 | 370 | 252 | 507 | 413 | 362 | 440 |

Purchase panels separately. Panels are available in aluminum, mild steel, stainless steel, conductive and composite materials.



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POLYPRO®, Type 4X

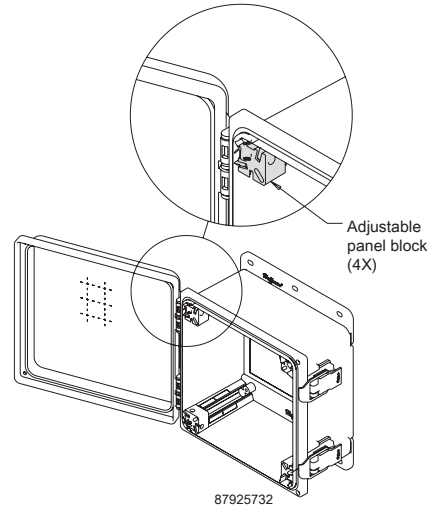
Adjustable Panel Block Kit

Panel blocks slide inside POLYPRO internal rail system for panel height adjustment within top 5 in. of enclosure. Allows for installation of multiple panels.

Bulletin: PCRY

| Catalog Number | Qty. |
|----------------|------|
| APNLBLK | 4 |

Includes Allen wrench

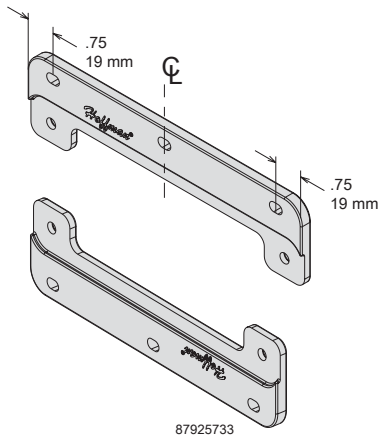


Polyester Mounting Bracket Kits

Replacement POLYPRO mounting brackets are sold in sets of two and include hardware for mounting to enclosure. Included with standard POLYPRO models.

Bulletin: PCRY

| Catalog Number | Description (in.) | Qty. |
|----------------|-------------------|------|
| APOLYFT4 | 4.00 | 2 |
| APOLYFT6 | 6.00 | 2 |
| APOLYFT8 | 8.00 | 2 |
| APOLYFT10 | 10.00 | 2 |
| APOLYFT12 | 12.00 | 2 |
| APOLYFT14 | 14.00 | 2 |
| APOLYFT16 | 16.00 | 2 |

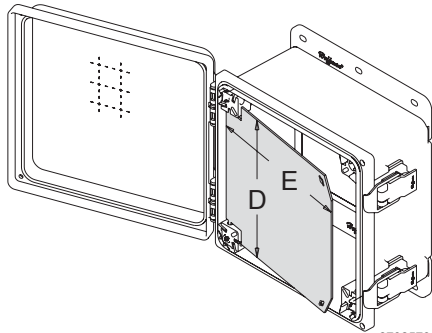


POLYPRO®, Type 4X

Aluminum Swing-Out Panels

Includes four POLYPRO Adjustable Panel Blocks. No enclosure modification is required for installation.

Bulletin: PCRY



87925734

| Catalog Number | D x E (in.) | D x E (mm) |
|----------------|---------------|------------|
| A64PSWPNL | 5.00 x 3.62 | 127 x 92 |
| A66PSWPNL | 5.00 x 5.62 | 127 x 143 |
| A86PSWPNL | 7.00 x 5.62 | 178 x 143 |
| A88PSWPNL | 7.00 x 7.62 | 178 x 194 |
| A108PSWPNL | 9.00 x 7.62 | 229 x 194 |
| A1010PSWPNL | 9.00 x 9.62 | 229 x 244 |
| A1210PSWPNL | 11.00 x 9.62 | 279 x 244 |
| A1412PSWPNL | 13.00 x 11.62 | 330 x 295 |
| A1614PSWPNL | 15.00 x 13.62 | 381 x 346 |
| A1816PSWPNL | 17.00 x 15.62 | 432 x 397 |

POLYPRO®, Type 4X

Stainless Steel Latches (Padlockable)



Stainless Steel Latches can be retrofitted on all POLYPRO models with no modification or drilling required. Hinge/latch constructed of corrosion-resistant polyester with a Type 316L stainless steel bail. Included with standard POLYPRO models.

Bulletin: PCRY

| Catalog Number | Qty. |
|----------------|------|
| AQLSS6 | 2 |

Hinge Retainers



Hinge Retainers can be field-installed without modification to POLYPRO hinges for applications where easy cover removal is not desired. Two retainers per enclosure is recommended. Kit includes ten hinge retainers.

Bulletin: PCRY

| Catalog Number | Description | Pkg. Qty. |
|----------------|-------------------------|-----------|
| AHGCLP | POLYPRO Hinge Retainers | 10 |

Notes

Continuous Hinge

Continuous Hinge, Type 4X



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 CSA File No. 42186: Type 4, 4X, 12, 13
 IEC 60529, IP66

Application

The efficient design and simple construction of these enclosures make them durable in corrosive environments, yet aesthetically pleasing. Corner latches provide unobstructed access. The continuous hinge provides a secure seal, and double latching creates added security.

Specifications

- Compression-molded fiberglass has outstanding chemical- and temperature-resistance qualities and exhibits excellent weatherability and physical properties
- Fiberglass is easily punched, drilled, filed or sawed
- Gasket assures water-tight and dust-tight seal
- Polyester mounting brackets and stainless steel attachment screws are provided with each enclosure
- Scratch-resistant polycarbonate 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
- Screw-cover enclosures are secured with two captivated Type 316 stainless steel slotted cover screws
- Enclosures with 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
- Padlock provisions included in each latch

Finish

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

Accessories

See also *Accessories*.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Threaded Panel Extenders
 Quick-Release Latch Kit
 Swing-Out Panel Kit

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A48

Continuous Hinge

Standard Product **Solid Cover**

| Catalog Number | AxBxC in./mm | Type | Steel Panel | Alum. Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | F in./mm | J in./mm | K in./mm | O in./mm | P in./mm | Q in./mm | T in./mm | U in./mm |
|----------------------|--|---------------|-------------|-------------|----------------------------|----------------------------|----------------------------|-------------|-------------|------------|--------------|--------------|--------------|-----------|--------------|
| A664CHSCFG | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Screw Cover | A6P6 | A6P6AL | 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 | 0.12 3 | 5.64 143 |
| A664CHQRFG | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Quick Release | A6P6 | A6P6AL | 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 | 0.12 3 | 5.64 143 |
| A864CHSCFG | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Screw Cover | A8P6 | A8P6AL | 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 | 0.12 3 | 5.64 143 |
| A864CHQRFG | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Quick Release | A8P6 | A8P6AL | 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 | 0.12 3 | 5.64 143 |
| A1086CHSCFG | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Screw Cover | A10P8 | A10P8AL | 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 | 0.12 3 | 7.61 193 |
| A1086CHQRFG | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Quick Release | A10P8 | A10P8AL | 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 | 0.12 3 | 7.61 193 |
| A12106CHSCFG | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Screw Cover | A12P10 | A12P10AL | 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 | 0.12 3 | 9.58 243 |
| A12106CHQRFG | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Quick Release | A12P10 | A12P10AL | 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 | 0.12 3 | 9.58 243 |
| A14128CHSCFG | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Screw Cover | A14P12 | A14P12AL | 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 | 0.15 4 | 11.59 294 |
| A14128CHQRFG | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Quick Release | A14P12 | A14P12AL | 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 | 0.15 4 | 11.59 294 |
| A16148CHSCFG | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Screw Cover | A16P14 | A16P14AL | 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 | 14.25 311 | 14.25 362 | 15.56 395 | 0.15 4 | 13.56 344 |
| A16148CHQRFG | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Quick Release | A16P14 | A16P14AL | 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 | 14.25 311 | 14.25 362 | 15.56 395 | 0.15 4 | 13.56 344 |
| A181610CHSCFG | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Screw Cover | A18P16 | A18P16AL | 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 | 0.16 4 | 15.53 394 |
| A181610CHQRFG | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Quick Release | A18P16 | A18P16AL | 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 | 0.16 4 | 15.53 394 |

Purchase panels separately. Optional stainless steel, aluminum, conductive and composite material panels available for most sizes.

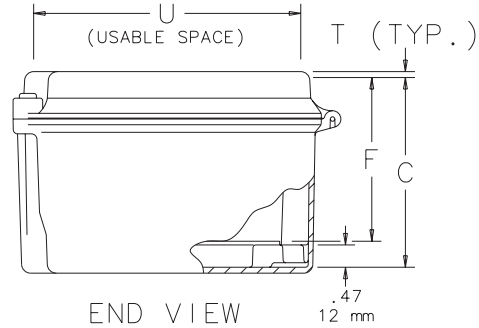
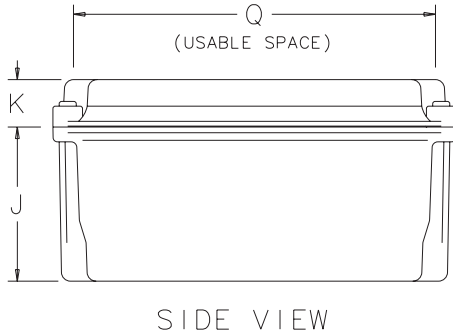
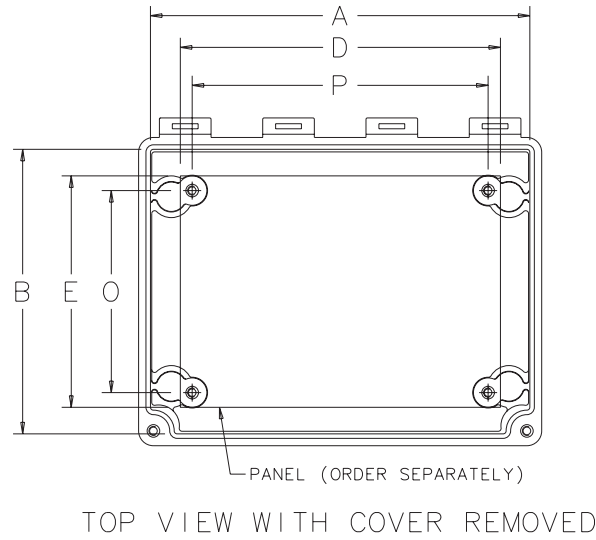
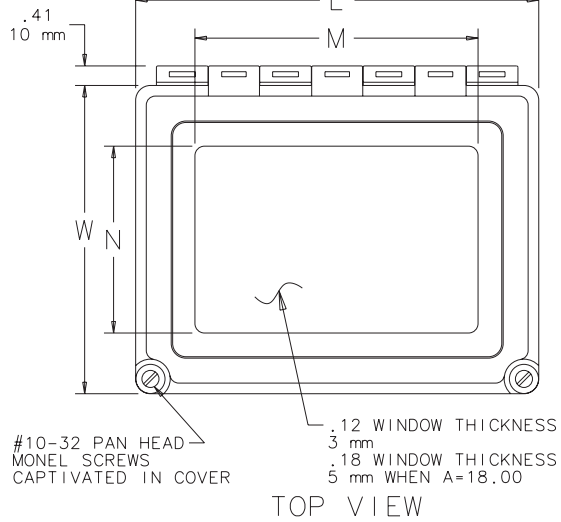
Standard Product **Window Cover**

| Catalog Number | AxBxC in./mm | Type | Steel Panel | Alum. Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | F in./mm | J in./mm | K in./mm | M in./mm | N in./mm | O in./mm | P in./mm | Q in./mm | T in./mm | U in./mm |
|-----------------------|--|---------------|-------------|-------------|----------------------------|----------------------------|----------------------------|-------------|-------------|------------|--------------|--------------|--------------|--------------|--------------|-----------|--------------|
| A664CHSCFGW | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Screw Cover | A6P6 | A6P6AL | 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 | 0.12 3 | 5.64 143 |
| A664CHQRFGW | 6.00 x 6.00 x 4.00 152 x 152 x 102 | Quick Release | A6P6 | A6P6AL | 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 | 0.12 3 | 5.64 143 |
| A864CHSCFGW | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Screw Cover | A8P6 | A8P6AL | 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 | 0.12 3 | 5.64 143 |
| A864CHQRFGW | 8.00 x 6.00 x 4.00 203 x 152 x 102 | Quick Release | A8P6 | A8P6AL | 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 | 0.12 3 | 5.64 143 |
| A1086CHSCFGW | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Screw Cover | A10P8 | A10P8AL | 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 | 0.12 3 | 7.61 193 |
| A1086CHQRFGW | 10.00 x 8.00 x 6.00 254 x 203 x 152 | Quick Release | A10P8 | A10P8AL | 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 | 0.12 3 | 7.61 193 |
| A12106CHSCFGW | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Screw Cover | A12P10 | A12P10AL | 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 | 0.12 3 | 9.58 243 |
| A12106CHQRFGW | 12.00 x 10.00 x 6.00 305 x 254 x 152 | Quick Release | A12P10 | A12P10AL | 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 | 0.12 3 | 9.58 243 |
| A14128CHSCFGW | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Screw Cover | A14P12 | A14P12AL | 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 | 0.15 4 | 11.59 294 |
| A14128CHQRFGW | 14.00 x 12.00 x 8.00 356 x 305 x 203 | Quick Release | A14P12 | A14P12AL | 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 | 0.15 4 | 11.59 294 |
| A16148CHSCFGW | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Screw Cover | A16P14 | A16P14AL | 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 | 14.25 311 | 12.25 311 | 12.25 311 | 14.25 362 | 15.56 395 | 0.15 4 | 13.56 344 |
| A16148CHQRFGW | 16.00 x 14.00 x 8.00 406 x 356 x 203 | Quick Release | A16P14 | A16P14AL | 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 | 14.25 311 | 12.25 311 | 12.25 311 | 14.25 362 | 15.56 395 | 0.15 4 | 13.56 344 |
| A181610CHSCFGW | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Screw Cover | A18P16 | A18P16AL | 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 | 0.16 4 | 15.53 394 |
| A181610CHQRFGW | 18.00 x 16.00 x 10.00 457 x 406 x 254 | Quick Release | A18P16 | A18P16AL | 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 | 0.16 4 | 15.53 394 |

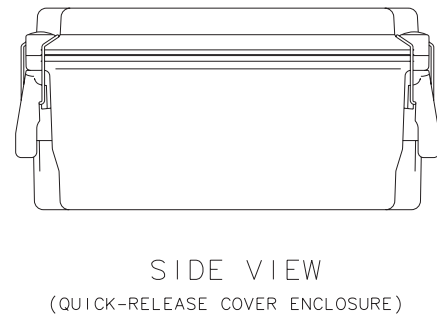
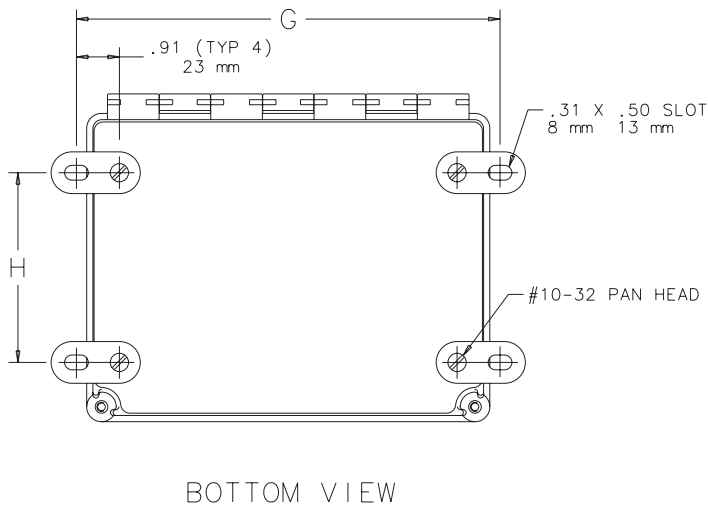
Purchase panels separately. Optional stainless steel, aluminum, conductive and composite material panels available for most sizes.

Continuous Hinge

Hinged Window Cover Type 4X



NOTE: 1. Panel screws have #10-32 threads.
2. Mounting brackets are .16 (4mm) thick.



C2567-C

Quick-Release Latch Kit



Continuous Hinge

Two fiberglass-reinforced gray polyester latches with 316L stainless steel bail and screw-hole plugs are included in each package. Supplied with Continuous Hinge, Type 4X enclosures and available for Fiberglass Hinged Cover WiFi Cabinet, Type 4X. Kit converts screw-cover enclosures to quick-release without modification. No tools needed to install. Padlocking provision is included.

Bulletin: A48Y

| Catalog Number | Description | Kit Qty. |
|----------------|-------------------------|----------|
| AL48 | Quick-Release Latch Kit | 2 |

Continuous Hinge

Screw- or Hinge-Cover with Quick-Release Latch, Type 4X



Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13;
 File No. E61997
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13

CSA File No. 42186; Type 3R, 4, 4X, 12

IEC 60529, IP66

Meets NEMA Type 3RX requirements

Application

Able to withstand harsh environments, these small enclosures feature a simple, traditional non-metallic design that is suitable for a broad range of applications.

Specifications

- Compression-molded fiberglass material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties
- Fiberglass material is easily punched, drilled, filed or sawed
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Threaded internal bosses provided for mounting optional panels and terminal block kits

- Scratch-resistant polycarbonate windows are permanently bonded in place
- Screw-cover enclosures have easily removable covers attached to body with internal plated steel hinges. Cover securely fastens to the body with four captivated Type 316 stainless steel cover screws.
- Enclosures with quick-release latches have corrosion-resistant polyester hinges and polyester latches with a Type 316L stainless steel bail. Attached with Type 316 stainless steel screws. A Type 316L stainless steel padlock hasp is furnished with each enclosure.
- Sealing washers are furnished with enclosure

Finish

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

Accessories

See also Accessories.

H2OMIT® Vent Drains, Type 4X

HOL-SEALERS™ Non-Metallic Hole Seals

Panels for Junction Boxes

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A50

Continuous Hinge

Standard Product **Solid Cover with Screws**

| Catalog Number | Ax B x C in./mm | Inside Dimensions | | Steel Panel | Aluminum Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | F in./mm | J in./mm | K in./mm | V in./mm | X in./mm | Y in./mm |
|----------------|----------------------|----------------------|--------|-------------|----------------|-------------------------|-----------------------|----------------------|----------|----------|----------|----------|----------|----------|
| | | A x B x C in./mm | in./mm | | | | | | | | | | | |
| A645JFGR | 6.00 x 4.00 x 5.00 | 5.50 x 4.00 x 4.94 | | No Panel | No Panel | No Panel | 4.75 x 2.00 | 6.00 x 4.50 | 4.41 | 4.13 | 1.00 | -- | 4.22 | 3.59 |
| | 152 x 102 x 127 | 140 x 102 x 125 | | | | No Panel | 121 x 51 | 152 x 114 | 112 | 105 | 25 | -- | 107 | 91 |
| A845JFGR | 8.00 x 4.00 x 5.00 | 7.50 x 4.00 x 4.94 | A6P4 | A6P4AL | 4.88 x 2.88 | 6.75 x 2.00 | 8.00 x 4.50 | 4.41 | 4.13 | 1.00 | 0.31 | 6.22 | 3.59 | |
| | 203 x 102 x 127 | 191 x 102 x 125 | | | 124 x 73 | 171 x 51 | 203 x 114 | 112 | 105 | 25 | 8 | 158 | 91 | |
| A865JFGR | 8.00 x 6.00 x 5.00 | 7.50 x 6.00 x 5.19 | A6P6 | A6P6AL | 4.88 x 4.88 | 6.75 x 4.00 | 8.00 x 6.50 | 4.66 | 4.38 | 1.00 | 0.31 | 6.22 | 5.59 | |
| | 203 x 152 x 127 | 191 x 152 x 132 | | | 124 x 124 | 171 x 102 | 203 x 165 | 118 | 111 | 25 | 8 | 158 | 142 | |
| A1066JFGR | 10.00 x 6.00 x 6.00 | 9.50 x 6.00 x 5.69 | A8P6 | A8P6AL | 6.75 x 4.88 | 8.75 x 4.00 | 10.00 x 6.50 | 5.16 | 4.63 | 1.25 | 0.25 | 8.12 | 5.50 | |
| | 254 x 152 x 152 | 241 x 152 x 145 | | | 171 x 124 | 222 x 102 | 254 x 165 | 131 | 118 | 32 | 6 | 206 | 140 | |
| A1287JFGR | 12.00 x 8.00 x 7.00 | 11.50 x 8.00 x 6.69 | A10P8 | A10P8AL | 8.75 x 6.88 | 10.75 x 6.00 | 12.00 x 8.50 | 6.16 | 5.13 | 1.75 | 0.25 | 9.97 | 7.34 | |
| | 305 x 203 x 178 | 292 x 203 x 170 | | | 222 x 175 | 273 x 152 | 305 x 216 | 156 | 130 | 44 | 6 | 253 | 186 | |
| A14107JFGR | 14.00 x 10.00 x 7.00 | 13.50 x 10.00 x 7.19 | A12P10 | A12P10AL | 10.75 x 8.88 | 12.75 x 8.00 | 14.00 x 10.50 | 6.66 | 5.63 | 1.75 | 0.25 | 11.97 | 9.34 | |
| | 356 x 254 x 178 | 343 x 254 x 183 | | | 273 x 226 | 324 x 203 | 356 x 267 | 169 | 143 | 44 | 6 | 304 | 237 | |
| A16128JFGR | 16.00 x 12.00 x 8.00 | 15.50 x 12.00 x 8.19 | A14P12 | A14P12AL | 12.75 x 10.88 | 14.75 x 10.00 | 16.00 x 12.50 | 7.66 | 6.13 | 2.25 | 0.25 | 13.78 | 11.16 | |
| | 406 x 305 x 203 | 394 x 305 x 208 | | | 324 x 276 | 375 x 254 | 406 x 318 | 195 | 156 | 57 | 6 | 350 | 283 | |
| A18149JFGR | 18.00 x 14.00 x 9.00 | 17.50 x 14.00 x 8.69 | A16P14 | A16P14AL | 14.75 x 12.88 | 16.75 x 12.00 | 18.00 x 14.50 | 8.16 | 6.63 | 2.25 | 0.25 | 15.78 | 13.16 | |
| | 457 x 356 x 229 | 445 x 356 x 221 | | | 375 x 327 | 425 x 305 | 457 x 368 | 207 | 168 | 57 | 6 | 401 | 334 | |

Purchase panels separately. Optional stainless steel, aluminum and composite material panels available for most sizes.

Standard Product **Solid Cover with Quick-Release Latches**

| Catalog Number | Ax B x C in./mm | Inside Dimensions | | Steel Panel | Aluminum Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | F in./mm | J in./mm | K in./mm | V in./mm | X in./mm | Y in./mm | Number of Latches |
|----------------|----------------------|----------------------|--------|-------------|----------------|-------------------------|-----------------------|----------------------|----------|----------|----------|----------|----------|----------|-------------------|
| | | A x B x C in./mm | in./mm | | | | | | | | | | | | |
| A645JFGRR | 6.00 x 4.00 x 5.00 | 5.50 x 4.00 x 5.02 | | No Panel | No Panel | No Panel | 4.75 x 2.00 | 6.00 x 5.39 | 4.50 | 4.13 | 1.00 | -- | 4.22 | 3.59 | 1 |
| | 152 x 102 x 127 | 140 x 102 x 128 | | | | No Panel | 121 x 51 | 152 x 137 | 114 | 105 | 25 | -- | 107 | 91 | |
| A845JFGRR | 8.00 x 4.00 x 5.00 | 7.50 x 4.00 x 5.02 | A6P4 | A6P4AL | 4.88 x 2.88 | 6.75 x 2.00 | 8.00 x 5.39 | 4.50 | 4.13 | 1.00 | 0.31 | 6.22 | 3.59 | 1 | |
| | 203 x 102 x 127 | 191 x 102 x 128 | | | 124 x 73 | 171 x 51 | 203 x 137 | 114 | 105 | 25 | 8 | 158 | 91 | | |
| A865JFGRR | 8.00 x 6.00 x 5.00 | 7.50 x 6.00 x 5.28 | A6P6 | A6P6AL | 4.88 x 4.88 | 6.75 x 4.00 | 8.00 x 7.39 | 4.75 | 4.38 | 1.00 | 0.31 | 6.22 | 5.59 | 2 | |
| | 203 x 152 x 127 | 191 x 152 x 134 | | | 124 x 124 | 171 x 102 | 203 x 188 | 121 | 111 | 25 | 8 | 158 | 142 | | |
| A1066JFGRR | 10.00 x 6.00 x 6.00 | 9.50 x 6.00 x 5.78 | A8P6 | A8P6AL | 6.75 x 4.88 | 8.75 x 4.00 | 10.00 x 7.39 | 5.25 | 4.63 | 1.25 | 0.25 | 8.12 | 5.50 | 2 | |
| | 254 x 152 x 152 | 241 x 152 x 147 | | | 171 x 124 | 222 x 102 | 254 x 188 | 133 | 118 | 32 | 6 | 206 | 140 | | |
| A1287JFGRR | 12.00 x 8.00 x 7.00 | 11.50 x 8.00 x 6.78 | A10P8 | A10P8AL | 8.75 x 6.88 | 10.75 x 6.00 | 12.00 x 9.39 | 6.25 | 5.13 | 1.75 | 0.25 | 9.97 | 7.34 | 2 | |
| | 305 x 203 x 178 | 292 x 203 x 172 | | | 222 x 175 | 273 x 152 | 305 x 239 | 159 | 130 | 44 | 6 | 253 | 186 | | |
| A14107JFGRR | 14.00 x 10.00 x 7.00 | 13.50 x 10.00 x 7.28 | A12P10 | A12P10AL | 10.75 x 8.88 | 12.75 x 8.00 | 14.00 x 11.39 | 6.75 | 5.63 | 1.75 | 0.25 | 11.97 | 9.34 | 2 | |
| | 356 x 254 x 178 | 343 x 254 x 185 | | | 273 x 226 | 324 x 203 | 256 x 289 | 171 | 143 | 44 | 6 | 304 | 237 | | |
| A16128JFGRR | 16.00 x 12.00 x 8.00 | 15.50 x 12.00 x 8.28 | A14P12 | A14P12AL | 12.75 x 10.88 | 14.75 x 10.00 | 16.00 x 13.39 | 7.75 | 6.13 | 2.25 | 0.25 | 13.78 | 11.16 | 2 | |
| | 406 x 305 x 203 | 394 x 305 x 210 | | | 324 x 276 | 375 x 254 | 406 x 340 | 197 | 156 | 57 | 6 | 350 | 283 | | |
| A18149JFGRR | 18.00 x 14.00 x 9.00 | 17.50 x 14.00 x 8.78 | A16P14 | A16P14AL | 14.75 x 12.88 | 16.75 x 12.00 | 18.00 x 15.39 | 8.25 | 6.63 | 2.25 | 0.25 | 15.78 | 13.16 | 2 | |
| | 457 x 356 x 229 | 445 x 356 x 223 | | | 375 x 327 | 425 x 305 | 457 x 391 | 210 | 168 | 57 | 6 | 401 | 334 | | |

Purchase panels separately. Optional stainless steel, aluminum and composite material panels available for most sizes.

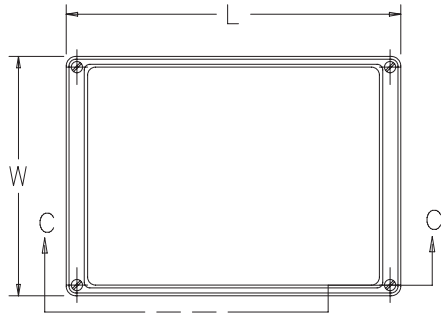
Standard Product **Window Cover with Quick-Release Latches**

| Catalog Number | Ax B x C in./mm | Inside Dimensions | | Steel Panel | Aluminum Panel | Panel Size D x E in./mm | Mounting G x H in./mm | Overall L x W in./mm | Window Size | | | | Number of Latches |
|----------------|----------------------|----------------------|--------|-------------|----------------|-------------------------|-----------------------|----------------------|--------------|----------|----------|----------|-------------------|
| | | A x B x C in./mm | in./mm | | | | | | M x N in./mm | F in./mm | J in./mm | K in./mm | |
| A865JFGQPWR | 8.00 x 6.00 x 5.00 | 7.50 x 6.00 x 5.03 | A6P6 | A6P6AL | 4.88 x 4.88 | 6.75 x 4.00 | 8.00 x 7.39 | 4.55 x 4.00 | 4.52 | 4.38 | 1.00 | 0.31 | 1 |
| | 203 x 152 x 127 | 191 x 152 x 128 | | | 124 x 124 | 171 x 102 | 203 x 188 | 116 x 102 | 115 | 111 | 25 | 8 | |
| A1066JFGQPWR | 10.00 x 6.00 x 6.00 | 9.50 x 6.00 x 5.53 | A8P6 | A8P6AL | 6.75 x 4.88 | 8.75 x 4.00 | 10.00 x 7.39 | 6.55 x 4.00 | 5.00 | 4.63 | 1.25 | 0.25 | 2 |
| | 254 x 152 x 152 | 241 x 152 x 140 | | | 171 x 124 | 222 x 102 | 254 x 188 | 166 x 102 | 127 | 118 | 32 | 6 | |
| A1287JFGQPWR | 12.00 x 8.00 x 7.00 | 11.50 x 8.00 x 6.53 | A10P8 | A10P8AL | 8.75 x 6.88 | 10.75 x 6.00 | 12.00 x 9.39 | 8.25 x 5.84 | 6.00 | 5.13 | 1.75 | 0.25 | 2 |
| | 305 x 203 x 178 | 292 x 203 x 166 | | | 222 x 175 | 273 x 152 | 305 x 239 | 210 x 148 | 152 | 130 | 44 | 6 | |
| A14107JFGQPWR | 14.00 x 10.00 x 7.00 | 13.50 x 10.00 x 7.03 | A12P10 | A12P10AL | 10.75 x 8.88 | 12.75 x 8.00 | 14.00 x 11.39 | 10.28 x 6.84 | 6.52 | 5.63 | 1.75 | 0.25 | 2 |
| | 356 x 254 x 178 | 343 x 254 x 179 | | | 273 x 226 | 324 x 203 | 253 x 289 | 261 x 174 | 166 | 143 | 44 | 6 | |
| A16128JFGQPWR | 16.00 x 12.00 x 8.00 | 15.50 x 12.00 x 8.03 | A14P12 | A14P12AL | 12.75 x 10.88 | 14.75 x 10.00 | 16.00 x 13.39 | 12.34 x 9.10 | 7.52 | 6.13 | 2.25 | 0.25 | 2 |
| | 406 x 305 x 203 | 394 x 305 x 204 | | | 324 x 276 | 375 x 254 | 406 x 340 | 313 x 231 | 191 | 156 | 57 | 6 | |
| A18149JFGQPWR | 18.00 x 14.00 x 9.00 | 17.50 x 14.00 x 8.53 | A16P14 | A16P14AL | 14.75 x 12.88 | 16.75 x 12.00 | 18.00 x 15.39 | 14.45 x 11.06 | 8.00 | 6.63 | 2.25 | 0.25 | 2 |
| | 457 x 356 x 229 | 445 x 356 x 217 | | | 375 x 327 | 425 x 305 | 457 x 391 | 367 x 281 | 203 | 168 | 57 | 6 | |

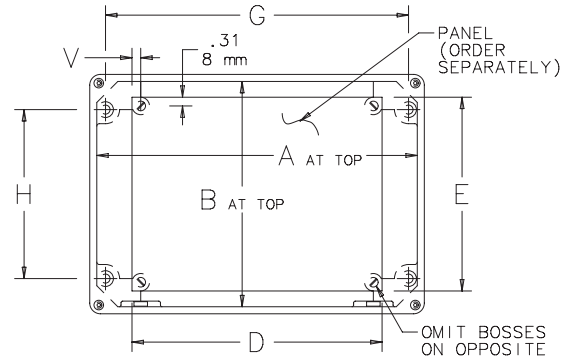
Purchase panels separately. Optional stainless steel, aluminum and composite material panels available for most sizes.

Continuous Hinge

Solid Screw Cover Enclosure

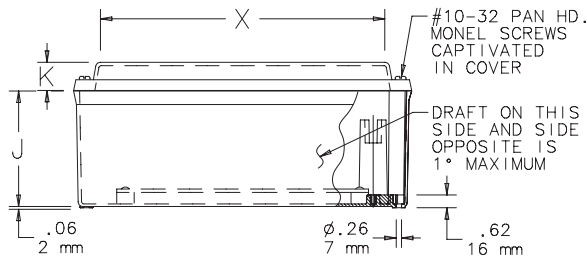


TOP VIEW WITH COVER

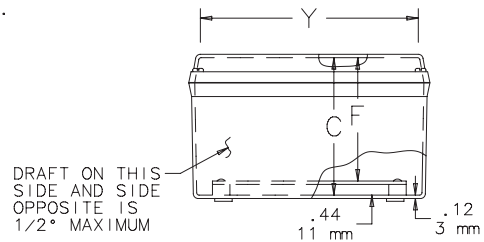


TOP VIEW WITH COVER REMOVED

NOTE: Panel screws have #10-32 threads.



SECTION C-C

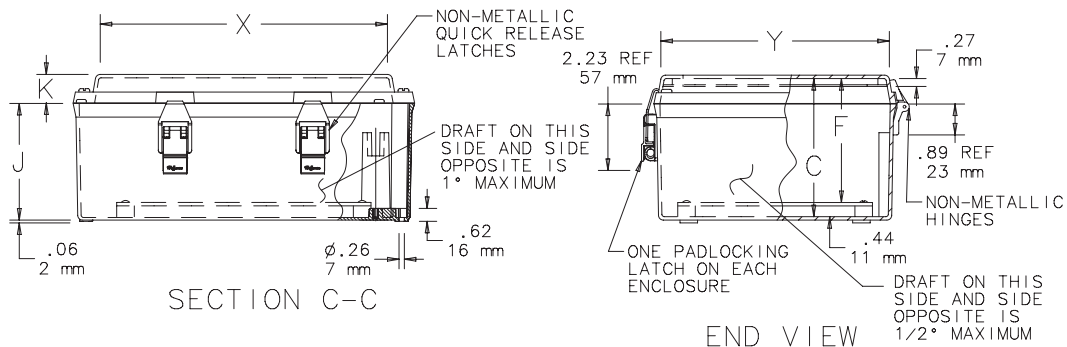
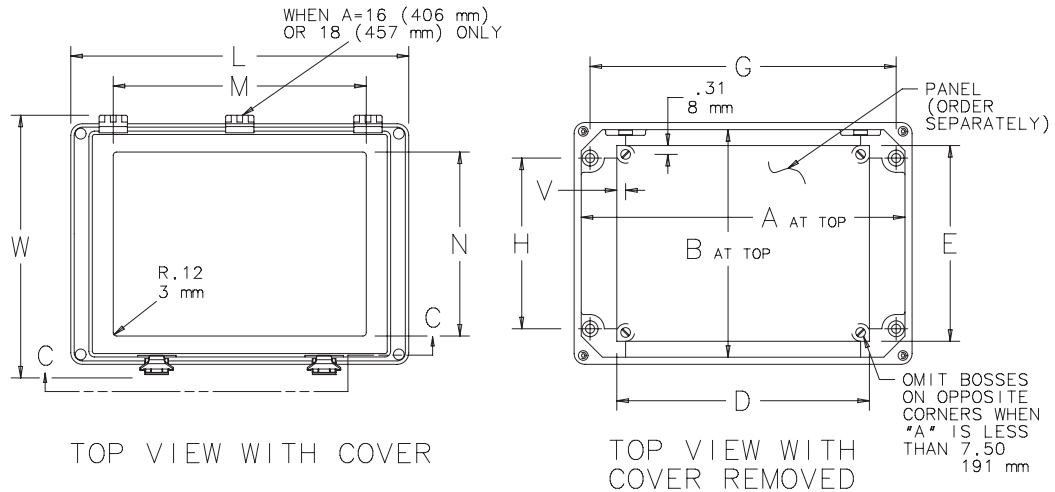


END VIEW

C2549-C

Continuous Hinge

Quick-Release Solid Cover Enclosure and Window Cover Enclosure



C2550-C

Fiberglass Mounting Bracket Kit



Bracket is molded from fiberglass reinforced polyester. Kit includes four brackets, hardware and installation instructions. Mounting hole dimensions with mounting brackets installed are:

$[G + 2.50 (64 \text{ mm})] \times [H + .50 (13 \text{ mm})]$

See Screw- or Hinged-Cover with Quick-Release Latch, Type 4X tables for G and H dimensions.

Bulletin: A50Y

| |
|----------------|
| Catalog Number |
| A50MFKR |

Overlapping Cover

Raised Cover with Screws, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a raised, overlapping-cover design that ensures a more-secure seal and offers increased internal space for mounting components. Available with removable and hinged covers for application flexibility.

Specifications

- Compression-molded fiberglass construction
- Overlapping solid raised-cover
- Cover fastens with screws
- Type 304 stainless steel piano hinges on hinged models
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also *Accessories*.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

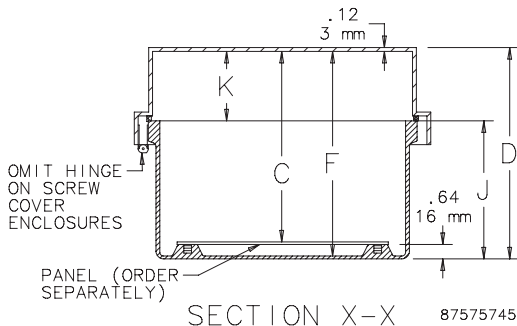
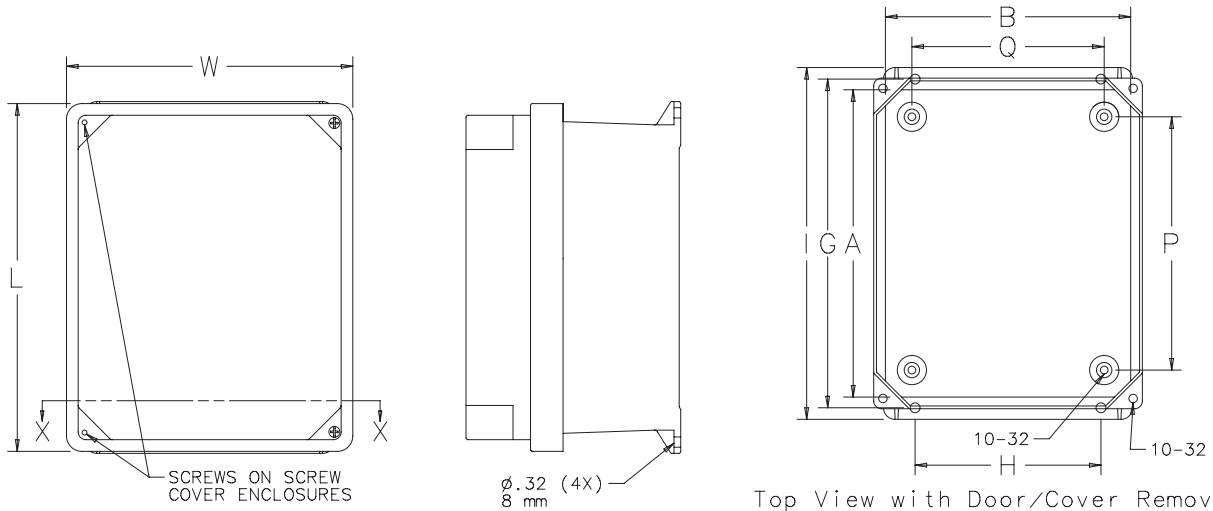
Overlapping Cover

Standard Product

| Catalog Number | AxBxC in./mm | Door Fasteners | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | O in./mm | P in./mm | Q in./mm | W in./mm | Steel Panel | Alum Panel | Panel Size in./mm |
|--------------------|--|---------------------|--------------|--------------|--------------|--------------|--------------|-------------|------------|--------------|------------|--------------|--------------|--------------|-------------|------------|----------------------------|
| RHJ1008HWLG | 10.00 x 8.00 x 6.19 254 x 203 x 157 | Hinged, 2 screws | 6.93 176 | 6.61 168 | 10.75 273 | 6.02 153 | 11.52 293 | 4.54 115 | 2.27 58 | 11.31 287 | 3.15 80 | 8.25 210 | 6.24 158 | 9.31 276 | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJ1008WLG | 10.00 x 8.00 x 6.19 254 x 203 x 157 | 4 screws | 6.93 176 | 6.61 168 | 10.75 273 | 6.02 153 | 11.52 293 | 4.54 115 | 2.27 58 | 11.31 287 | 3.15 80 | 8.25 210 | 6.24 158 | 9.31 276 | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJ1210HWLG | 12.00 x 10.00 x 6.37 305 x 254 x 162 | Hinged, 2 screws | 7.10 180 | 6.77 172 | 12.75 324 | 8.01 203 | 13.51 343 | 4.71 120 | 2.27 58 | 13.30 338 | 3.25 80 | 10.25 260 | 8.25 210 | 11.29 211 | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJ1210WLG | 12.00 x 10.00 x 6.37 305 x 254 x 162 | 4 screws | 7.10 180 | 6.77 172 | 12.75 324 | 8.01 203 | 13.51 343 | 4.71 120 | 2.27 58 | 13.30 338 | 3.15 80 | 10.25 260 | 8.25 210 | 11.29 211 | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJ1412HWLG | 14.00 x 12.00 x 7.37 356 x 305 x 187 | Hinged, 2 screws | 8.19 208 | 7.87 200 | 14.75 375 | 10.00 254 | 15.50 394 | 5.68 144 | 2.39 61 | 15.21 389 | 3.27 83 | 12.25 311 | 10.24 260 | 13.30 338 | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJ1412WLG | 14.00 x 12.00 x 7.37 356 x 305 x 187 | 4 screws | 8.19 208 | 7.87 200 | 14.75 375 | 10.00 254 | 15.50 394 | 5.68 144 | 2.39 61 | 15.32 389 | 3.27 83 | 12.25 311 | 10.24 260 | 13.30 338 | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJ1614HWLG | 16.00 x 14.00 x 7.37 406 x 356 x 187 | Hinged, 2 screws | 8.19 208 | 7.87 200 | 16.73 425 | 12.00 305 | 17.52 445 | 5.68 144 | 2.39 61 | 17.31 440 | 3.27 83 | 14.25 362 | 12.24 311 | 15.30 289 | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1614WLG | 16.00 x 14.00 x 7.37 406 x 356 x 187 | 4 screws | 8.19 208 | 7.87 200 | 16.73 425 | 12.00 305 | 17.52 445 | 5.68 144 | 2.39 61 | 17.31 440 | 3.27 83 | 14.25 362 | 12.24 311 | 15.30 289 | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1816HWLG | 18.00 x 16.00 x 10.25 457 x 406 x 260 | Hinged, 2 screws | 11.07 281 | 10.83 275 | 18.74 476 | 12.00 305 | 19.50 495 | 8.56 217 | 2.39 61 | 19.32 491 | 3.27 83 | 16.25 413 | 14.25 362 | 17.31 440 | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 |
| RHJ1816WLG | 18.00 x 16.00 x 10.25 457 x 406 x 260 | 4 screws | 11.07 281 | 10.83 275 | 18.74 476 | 12.00 305 | 19.50 495 | 8.56 217 | 2.39 61 | 19.32 491 | 3.27 83 | 16.25 413 | 14.25 362 | 17.31 440 | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 |

A x B x C are internal dimensions.

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.



Overlapping Cover

Raised Cover with Latches, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a raised, hinged, overlapping cover design that ensures a more-secure seal and offers increased internal space for mounting components. Available with solid and window covers. Latches provide easy access and security.

Specifications

- Compression-molded fiberglass construction
- Overlapping raised solid- and window-covers
- Windows are clear polycarbonate
- Cover fastens with padlockable Type 316 stainless steel latches
- Type 304 stainless steel piano hinges
- Integral mounting brackets

- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

Standard Product

| Catalog Number | Ax B x C in./mm | No. of Latches | Window Size | | | | | | | | | | | | | |
|-----------------|-----------------------|----------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| | | | M x N in./mm | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | O in./mm | P in./mm | Q in./mm | W in./mm | |
| RHJB1008HWPL1LG | 10.00 x 8.00 x 6.19 | 1 | 8.00 x 6.00 | 6.93 | 6.61 | 10.75 | 6.02 | 11.52 | 4.54 | 2.27 | 11.31 | 3.15 | 8.25 | 6.24 | 9.31 | |
| | 254 x 203 x 157 | | 203 x 152 | 176 | 168 | 273 | 153 | 293 | 115 | 58 | 287 | 80 | 210 | 158 | 276 | |
| RHJB1210HWPL2LG | 12.00 x 10.00 x 6.37 | 2 | 10.00 x 8.00 | 7.10 | 6.77 | 12.75 | 8.01 | 13.51 | 4.71 | 2.27 | 13.30 | 3.15 | 10.25 | 8.25 | 11.29 | |
| | 305 x 254 x 162 | | 254 x 203 | 180 | 172 | 324 | 203 | 343 | 120 | 58 | 338 | 80 | 260 | 210 | 211 | |
| RHJB1412HWPL2LG | 14.00 x 12.00 x 7.37 | 2 | 12.00 x 10.00 | 8.19 | 7.87 | 14.75 | 10.00 | 15.50 | 5.68 | 2.39 | 15.32 | 3.27 | 12.25 | 10.24 | 13.30 | |
| | 356 x 305 x 187 | | 305 x 254 | 208 | 200 | 375 | 254 | 394 | 144 | 61 | 389 | 83 | 311 | 260 | 338 | |
| RHJB1614HWPL2LG | 16.00 x 14.00 x 7.37 | 2 | 14.00 x 12.00 | 8.19 | 7.87 | 16.73 | 12.00 | 17.52 | 5.68 | 2.39 | 17.31 | 3.27 | 14.25 | 12.24 | 15.30 | |
| | 406 x 356 x 187 | | 356 x 305 | 208 | 200 | 425 | 305 | 445 | 144 | 61 | 440 | 83 | 362 | 311 | 289 | |
| RHJ1008HWPL1LG | 10.00 x 8.00 x 6.19 | 1 | --- | 6.93 | 6.61 | 10.75 | 6.02 | 11.52 | 4.54 | 2.27 | 11.31 | 3.15 | 8.25 | 6.24 | 9.31 | |
| | 254 x 203 x 157 | | --- | 176 | 168 | 273 | 153 | 296 | 115 | 58 | 287 | 80 | 210 | 158 | 276 | |
| RHJ1210HWPL2LG | 12.00 x 10.00 x 6.37 | 2 | --- | 7.10 | 6.77 | 12.75 | 8.01 | 13.51 | 4.71 | 2.27 | 13.30 | 3.15 | 10.58 | 8.25 | 11.29 | |
| | 305 x 254 x 162 | | --- | 180 | 172 | 324 | 203 | 343 | 120 | 58 | 338 | 80 | 260 | 210 | 211 | |
| RHJ1412HWPL2LG | 14.00 x 12.00 x 7.37 | 2 | --- | 8.19 | 7.87 | 14.75 | 10.00 | 15.50 | 5.68 | 2.39 | 15.32 | 3.27 | 12.25 | 10.24 | 13.30 | |
| | 356 x 305 x 187 | | --- | 208 | 200 | 375 | 254 | 394 | 144 | 61 | 389 | 83 | 311 | 260 | 338 | |
| RHJ1614HWPL2LG | 16.00 x 14.00 x 7.37 | 2 | --- | 8.19 | 7.87 | 16.73 | 12.00 | 17.52 | 5.68 | 2.39 | 17.31 | 3.27 | 14.25 | 12.24 | 15.30 | |
| | 406 x 356 x 187 | | --- | 208 | 200 | 425 | 305 | 445 | 144 | 61 | 440 | 83 | 362 | 311 | 289 | |
| RHJ1816HWPL2LG | 18.00 x 16.00 x 10.25 | 2 | --- | 11.07 | 10.83 | 18.74 | 12.00 | 19.50 | 8.56 | 2.39 | 19.32 | 3.27 | 16.25 | 14.25 | 17.31 | |
| | 457 x 406 x 260 | | --- | 281 | 275 | 476 | 305 | 495 | 217 | 61 | 491 | 83 | 413 | 362 | 440 | |

A x B x C are internal dimensions.

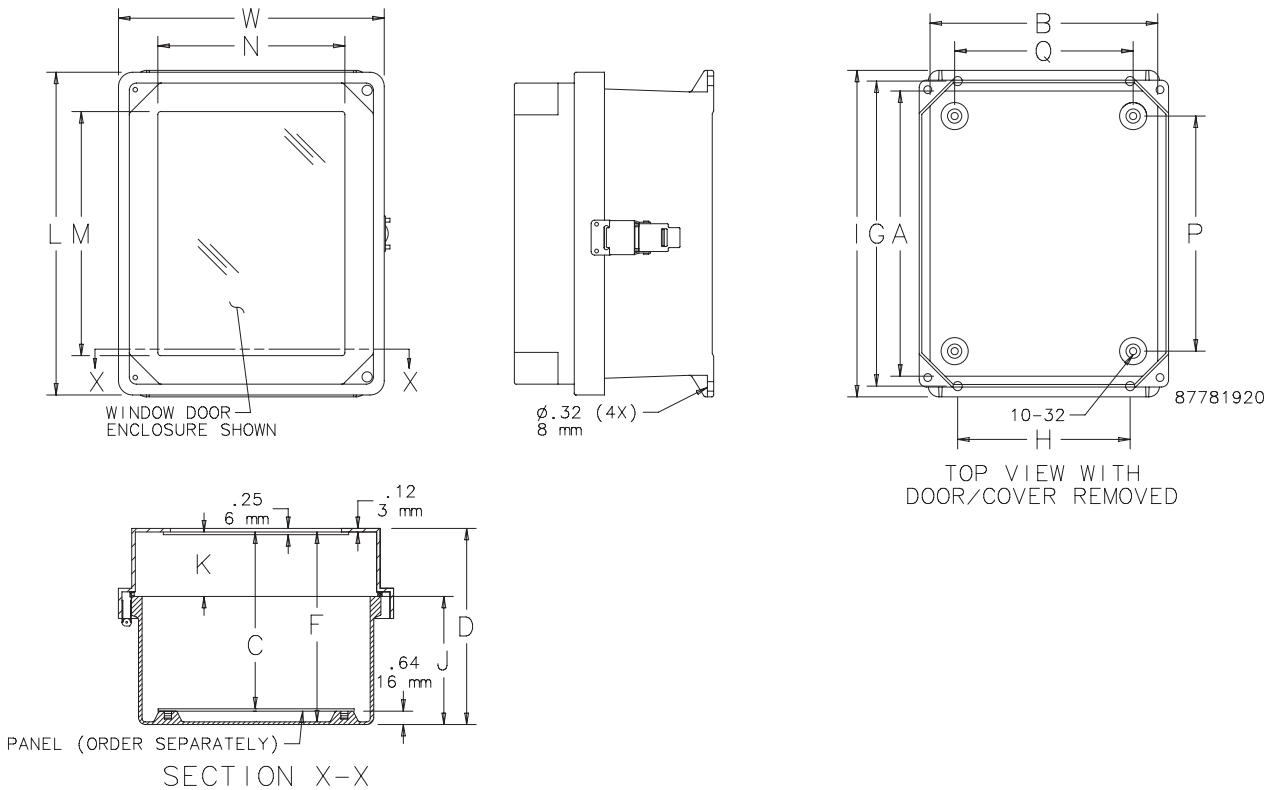
Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Overlapping Cover

Panels

| Enclosure Catalog Number | Steel Panel | Aluminum Panel | Panel Size in./mm |
|--------------------------|-------------|----------------|----------------------------|
| RHJB1008HWPL1LG | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJB1210HWPL2LG | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJB1412HWPL2LG | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJB1614HWPL2LG | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1008HWPL1LG | A10P8 | A10P8AL | 8.75 x 6.88 222 x 102 |
| RHJ1210HWPL2LG | A12P10 | A12P10AL | 10.75 x 8.88 273 x 226 |
| RHJ1412HWPL2LG | A14P12 | A14P12AL | 12.75 x 10.88 324 x 276 |
| RHJ1614HWPL2LG | A16P14 | A16P14AL | 14.75 x 12.88 375 x 327 |
| RHJ1816HWPL2LG | A18P16 | A18P16AL | 16.75 x 14.88 425 x 378 |

Raised Cover Window Enclosures



Overlapping Cover

Flat Cover with Screws, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a flat, overlapping cover design that ensures a more-secure seal. Available with removable and hinged covers for application flexibility.

Specifications

- Compression-molded fiberglass construction
- Overlapping flat, solid-covers
- Cover fastens with screws
- Type 304 stainless steel piano hinges on hinged models
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Bulletin: HJ

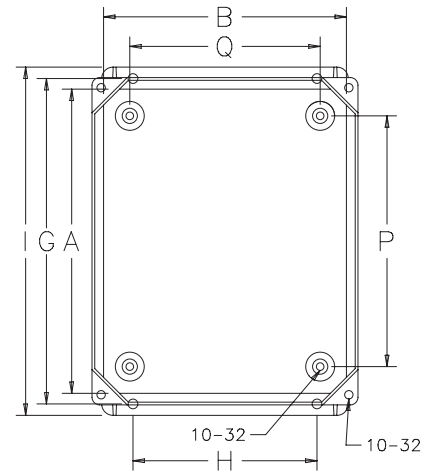
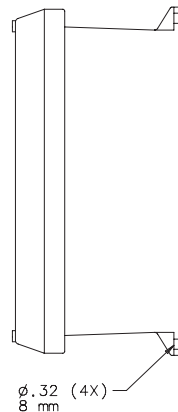
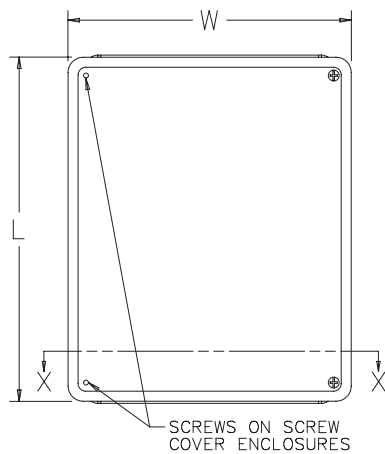
Overlapping Cover

Standard Product

| Catalog Number | AxBxC in./mm | Door Fasteners | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | O in./mm | P in./mm | Q in./mm | W in./mm | Steel Panel | Aluminum Panel | Panel Size in./mm |
|-------------------|----------------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-------------|----------------|-------------------|
| HJ606HWLG | 6.00 x 6.00 x 4.10 | Hinged, | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 1.38 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 |
| | 152 x 152 x 104 | 2 screws | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 35 | 108 | 108 | 186 | | | 124 x 124 |
| HJ606WLG | 6.00 x 6.00 x 4.10 | 4 screws | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 1.38 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 |
| | 152 x 152 x 104 | | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 35 | 108 | 108 | 186 | | | 124 x 124 |
| HJ806HWLG | 8.00 x 6.00 x 4.10 | Hinged, | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 1.77 | 6.25 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 |
| | 203 x 152 x 104 | 2 screws | 126 | 118 | 222 | 102 | 241 | 81 | 42 | 236 | 45 | 159 | 108 | 186 | | | 171 x 124 |
| HJ806WLG | 8.00 x 6.00 x 4.10 | 4 screws | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 1.77 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 |
| | 203 x 152 x 104 | | 126 | 118 | 222 | 102 | 241 | 81 | 42 | 236 | 45 | 159 | 108 | 186 | | | 171 x 124 |
| HJ1008HWLG | 10.00 x 8.00 x 4.59 | Hinged, | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.55 | 1.65 | 11.31 | 1.77 | 8.25 | 3.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 |
| | 254 x 203 x 117 | 2 screws | 138 | 130 | 273 | 153 | 293 | 93 | 42 | 287 | 45 | 210 | 158 | 236 | | | 222 x 102 |
| HJ1008WLG | 10.00 x 8.00 x 4.59 | 4 screws | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.88 | 1.65 | 11.31 | 1.77 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 |
| | 254 x 203 x 117 | | 138 | 130 | 273 | 153 | 293 | 93 | 42 | 287 | 45 | 210 | 158 | 236 | | | 222 x 102 |
| HJ1210HWLG | 12.00 x 10.00 x 4.74 | Hinged, | 5.58 | 5.24 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 1.77 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 |
| | 305 x 254 x 120 | 2 screws | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 45 | 160 | 210 | 287 | | | 273 x 226 |
| HJ1210WLG | 12.00 x 10.00 x 4.74 | 4 screws | 5.58 | 5.24 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 1.77 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 |
| | 305 x 254 x 120 | | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 45 | 160 | 210 | 287 | | | 273 x 226 |
| HJ1412HWLG | 14.00 x 12.00 x 5.74 | Hinged, | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 1.77 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 |
| | 356 x 305 x 146 | 2 screws | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 45 | 311 | 260 | 338 | | | 324 x 276 |
| HJ1412WLG | 14.00 x 12.00 x 5.74 | 4 screws | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 1.77 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 |
| | 356 x 305 x 146 | | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 45 | 311 | 260 | 338 | | | 324 x 276 |
| HJ1614HWLG | 16.00 x 14.00 x 5.74 | Hinged, | 6.70 | 6.38 | 16.75 | 12.00 | 14.52 | 4.93 | 1.65 | 17.31 | 1.77 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 |
| | 406 x 356 x 146 | 2 screws | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 45 | 362 | 311 | 389 | | | 375 x 327 |
| HJ1614WLG | 16.00 x 14.00 x 5.74 | 4 screws | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 1.77 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 |
| | 406 x 356 x 146 | | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 45 | 362 | 311 | 389 | | | 375 x 327 |
| HJ1816HWLG | 18.00 x 16.00 x 8.62 | Hinged, | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 1.77 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 |
| | 457 x 406 x 219 | 2 screws | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 45 | 413 | 362 | 440 | | | 425 x 378 |
| HJ1816WLG | 18.00 x 16.00 x 8.62 | 4 screws | 9.58 | 9.25 | 18.47 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 1.77 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 |
| | 457 x 406 x 219 | | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 45 | 413 | 362 | 440 | | | 375 x 378 |

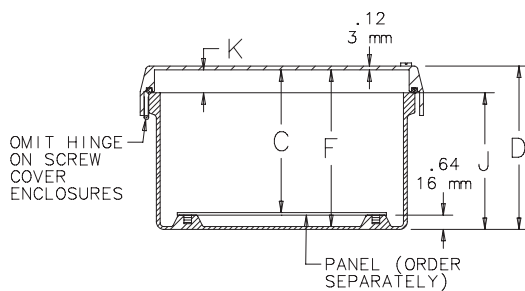
A x B x C are internal dimensions.

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.



Top View with Door/Cover Removed

87575746



SECTION X-X

Overlapping Cover

Flat Cover with Latches, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Enclosures feature a flat, overlapping cover design that ensures a more-secure seal. Available with solid and window covers. Latches provide easy access and security.

Specifications

- Compression-molded fiberglass construction
- Overlapping solid- and window-cover models are available
- Windows are clear polycarbonate
- Cover fastens with padlockable Type 316 stainless steel latches
- Type 304 stainless steel piano hinges
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Junction Boxes
 Swing-Out Panel Kit
 Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

Overlapping Cover

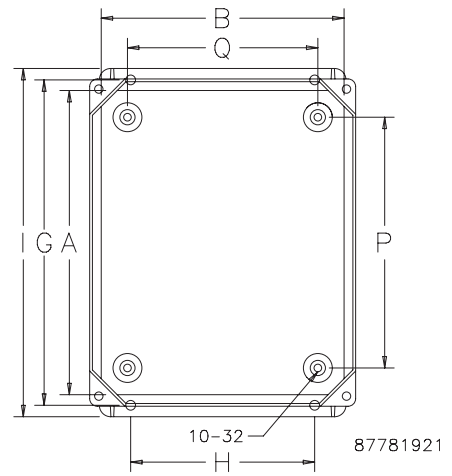
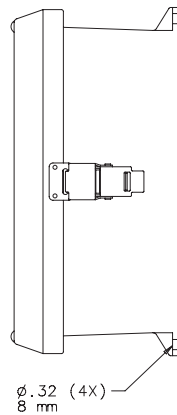
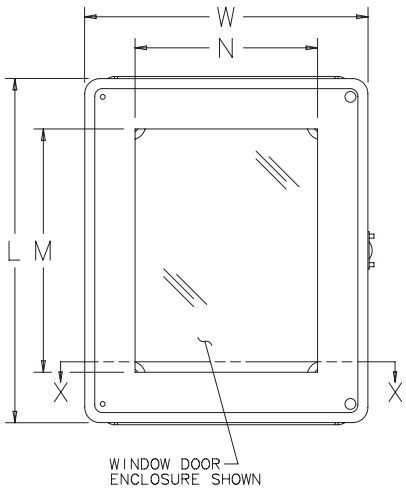
Standard Product

| Catalog Number | Ax B x Cin./mm | No. of Latches | Window Size | | | | | | | | | | | | | Steel Panel | Aluminum Panel | Panel Size in./mm |
|----------------|----------------------|----------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|-------------|----------------|-------------------|
| | | | M x N in./mm | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | P in./mm | Q in./mm | W in./mm | | | | |
| HJ606HWPL1LG | 6.00 x 6.00 x 4.10 | 1 | — | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 | |
| | 152 x 152 x 104 | — | — | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 108 | 105 | 186 | | | 124 x 124 | |
| HJ806HWPL1LG | 8.00 x 6.00 x 4.10 | 1 | — | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 | |
| | 203 x 152 x 104 | — | — | 126 | 118 | 222 | 102 | 241 | 81 | 42 | 276 | 159 | 108 | 186 | | | 171 x 124 | |
| HJ1008HWPL1LG | 10.00 x 8.00 x 4.59 | 1 | — | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.66 | 1.65 | 11.31 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 | |
| | 254 x 203 x 117 | — | — | 138 | 130 | 276 | 153 | 293 | 93 | 42 | 287 | 210 | 158 | 236 | | | 222 x 102 | |
| HJ1210HWPL2LG | 12.00 x 10.00 x 4.74 | 2 | — | 5.58 | 5.25 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 | |
| | 305 x 254 x 120 | — | — | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 260 | 210 | 287 | | | 273 x 226 | |
| HJ1412HWPL2LG | 14.00 x 12.00 x 5.74 | 2 | — | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 | |
| | 356 x 305 x 146 | — | — | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 311 | 260 | 338 | | | 324 x 276 | |
| HJ1614HWPL2LG | 16.00 x 14.00 x 5.74 | 2 | — | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 | |
| | 406 x 356 x 146 | — | — | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 362 | 311 | 389 | | | 375 x 327 | |
| HJ1816HWPL2LG | 18.00 x 16.00 x 8.62 | 2 | — | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 | |
| | 457 x 406 x 219 | — | — | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 413 | 362 | 440 | | | 425 x 378 | |
| HJB606HWPL1LG | 6.00 x 6.00 x 4.10 | 1 | 4.00 x 4.00 | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 4.25 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 | |
| | 152 x 152 x 104 | — | 102 x 102 | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 108 | 108 | 186 | | | 124 x 124 | |
| HJB806HWPL1LG | 8.00 x 6.00 x 4.10 | 1 | 6.00 x 4.00 | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 3.19 | 1.65 | 9.30 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 1.88 | |
| | 203 x 152 x 104 | — | 152 x 102 | 126 | 118 | 222 | 102 | 241 | 81 | 42 | 276 | 159 | 108 | 186 | | | 171 x 124 | |
| HJB1008HWPL1LG | 10.00 x 8.00 x 4.59 | 1 | 8.00 x 6.00 | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.66 | 1.65 | 11.31 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 | |
| | 254 x 203 x 117 | — | 203 x 152 | 138 | 130 | 273 | 153 | 293 | 93 | 42 | 287 | 210 | 158 | 236 | | | 222 x 102 | |
| HJB1210HWPL2LG | 12.00 x 10.00 x 4.74 | 2 | 10.00 x 8.00 | 5.58 | 5.24 | 12.75 | 8.01 | 13.52 | 3.81 | 1.65 | 13.30 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.78 x 8.88 | |
| | 305 x 254 x 120 | — | 254 x 203 | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 260 | 210 | 287 | | | 273 x 226 | |
| HJB1412HWPL2LG | 14.00 x 12.00 x 5.74 | 2 | 12.00 x 10.00 | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 | |
| | 356 x 305 x 146 | — | 305 x 254 | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 311 | 260 | 229 | | | 324 x 276 | |
| HJB1614HWPL2LG | 16.00 x 14.00 x 5.74 | 2 | 14.00 x 12.00 | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 | |
| | 406 x 356 x 146 | — | 356 x 305 | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 362 | 311 | 389 | | | 375 x 327 | |
| HJB1816HWPL2LG | 18.00 x 16.00 x 8.62 | 2 | 16.00 x 14.00 | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 | |
| | 457 x 406 x 219 | — | 406 x 356 | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 413 | 362 | 440 | | | 425 x 378 | |

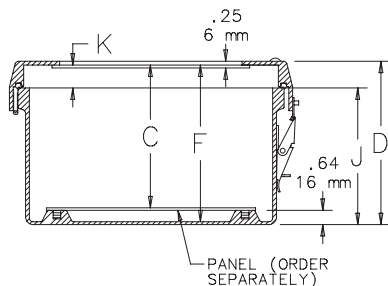
A x B x C are internal dimensions.

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Flat Cover Window Enclosures



Top View with Door/Cover Removed



SECTION X-X

Overlapping Cover

Flat Clear Cover with Latches, Type 4X



Specifications

- Compression-molded fiberglass construction
- Clear polycarbonate viewing area
- Cover fastens with padlockable Type 316 stainless steel latches
- Type 304 stainless steel piano hinges
- Integral mounting brackets
- Enclosures protect equipment and operators from indirect electrical contact

Finish

Fiberglass material is RAL 7035 light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted

Accessories

See also *Accessories*.

H2OMIT® Vent Drains, Type 4X

HOL-SEALERS™ Non-Metallic Hole Seals

Panels for Junction Boxes

Swing-Out Panel Kit

Terminal Block Kit Assembly for Junction Boxes Overview

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: HJ

Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E54315
 Enclosure flammability per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13

CSA File No. 217184: Type 3, 3R, 4, 4X, 12, 13

IEC 60529, IP66

Meets NEMA Type 3RX requirements

Application

Enclosures feature a flat, overlapping clear cover design that ensures a more-secure seal and provides a larger viewing area than a traditional window. Latches provide easy access and security.

Standard Product

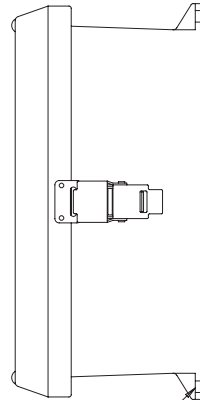
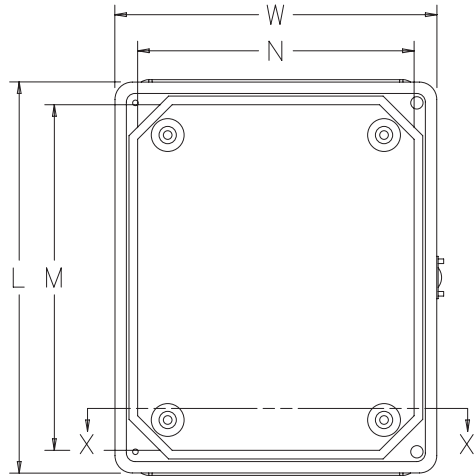
| Catalog Number | Ax B x C in./mm | No. of Latches | Window Size | | | | | | | | | | | | | Steel Panel | Aluminum Panel | Panel Size in./mm |
|----------------|----------------------|----------------|---------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|-------------|----------------|-------------------|
| | | | N x M in./mm | D in./mm | F in./mm | G in./mm | H in./mm | I in./mm | J in./mm | K in./mm | L in./mm | P in./mm | Q in./mm | W in./mm | | | | |
| CHJ606HWPL1LG | 6.00 x 6.00 x 4.10 | 1 | 6.00 x 6.00 | 4.96 | 4.64 | 6.77 | 4.01 | 7.52 | 4.34 | 0.50 | 7.31 | 4.26 | 4.25 | 7.31 | A6P6 | A6P6AL | 4.88 x 4.88 | |
| | 152 x 152 x 104 | | 152 x 152 | 126 | 118 | 172 | 102 | 191 | 110 | 13 | 186 | 108 | 108 | 186 | | | 124 x 124 | |
| CHJ806HWPL1LG | 8.00 x 6.00 x 4.10 | 1 | 8.00 x 6.00 | 4.96 | 4.64 | 8.74 | 4.01 | 9.50 | 4.34 | 1.65 | 9.30 | 6.26 | 4.25 | 7.31 | A8P6 | A8P6AL | 6.75 x 4.88 | |
| | 203 x 152 x 104 | | 203 x 152 | 126 | 118 | 222 | 102 | 241 | 110 | 42 | 276 | 159 | 108 | 186 | | | 171 x 124 | |
| CHJ1008HWPL1LG | 10.00 x 8.00 x 4.59 | 1 | 10.00 x 8.00 | 5.43 | 5.12 | 10.75 | 6.02 | 11.52 | 3.66 | 1.65 | 11.31 | 8.25 | 6.24 | 9.31 | A10P8 | A10P8AL | 8.75 x 6.88 | |
| | 254 x 203 x 117 | | 254 x 203 | 138 | 130 | 273 | 153 | 293 | 93 | 42 | 287 | 210 | 158 | 236 | | | 222 x 102 | |
| CHJ1210HWPL2LG | 12.00 x 10.00 x 4.74 | 2 | 12.00 x 10.00 | 5.58 | 5.24 | 12.75 | 8.01 | 13.51 | 3.81 | 1.65 | 13.30 | 10.25 | 8.25 | 11.29 | A12P10 | A12P10AL | 10.75 x 8.88 | |
| | 305 x 254 x 120 | | 305 x 254 | 142 | 133 | 324 | 203 | 343 | 97 | 42 | 338 | 260 | 210 | 287 | | | 273 x 226 | |
| CHJ1412HWPL2LG | 14.00 x 12.00 x 5.74 | 2 | 14.00 x 12.00 | 6.70 | 6.38 | 14.75 | 10.00 | 15.50 | 4.93 | 1.65 | 15.32 | 12.25 | 10.24 | 13.30 | A14P12 | A14P12AL | 12.75 x 10.88 | |
| | 356 x 305 x 146 | | 356 x 305 | 170 | 162 | 375 | 254 | 394 | 125 | 42 | 389 | 311 | 260 | 338 | | | 324 x 276 | |
| CHJ1614HWPL2LG | 16.00 x 14.00 x 5.74 | 2 | 16.00 x 14.00 | 6.70 | 6.38 | 16.73 | 12.00 | 17.52 | 4.93 | 1.65 | 17.31 | 14.25 | 12.24 | 15.30 | A16P14 | A16P14AL | 14.75 x 12.88 | |
| | 406 x 356 x 146 | | 406 x 356 | 170 | 162 | 425 | 305 | 445 | 125 | 42 | 440 | 362 | 311 | 389 | | | 375 x 327 | |
| CHJ1816HWPL2LG | 18.00 x 16.00 x 8.62 | 2 | 18.00 x 16.00 | 9.58 | 9.25 | 18.74 | 12.00 | 19.50 | 7.81 | 1.65 | 19.31 | 16.25 | 14.25 | 17.31 | A18P16 | A18P16AL | 16.75 x 14.88 | |
| | 457 x 406 x 219 | | 457 x 406 | 243 | 235 | 476 | 305 | 495 | 198 | 42 | 490 | 413 | 362 | 440 | | | 425 x 378 | |

A x B x C are internal dimensions.

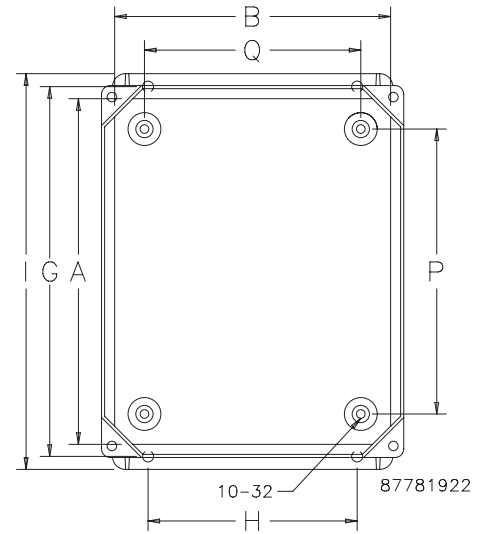
Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Overlapping Cover

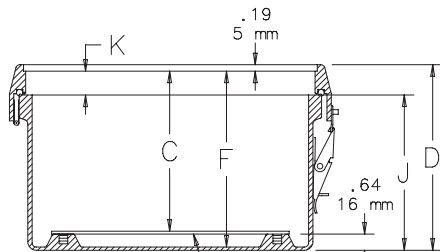
Flat Clear Cover Window Enclosures



ø.32 (4X)
8 mm



Top View with Door/Cover Removed



PANEL (ORDER SEPARATELY)

SECTION X-X

ULTRX®
ULTRX®, Type 4X

Industry Standards

Mounting brackets required to meet UL/CSA external mounting requirements.

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E619977
 Enclosure flammability evaluated per UL 508A
 Window flammability evaluated per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 CSA File No. 42186: Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

Providing outstanding protection against corrosion and the elements, the clean lines and molded, embossed design of ULTRX® fiberglass enclosures make them the most stylish and aesthetically pleasing of their class. These enclosures feature hidden hinges, a padlocking capability for security, and flexible internal mounting options.

Specifications

- Compression-molded fiberglass material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties, including high-impact resistance
- Fiberglass is easily punched, drilled, filed or sawed
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Enclosure may be rotated 180 degrees for left and right hinging
- Molded-in drip shields are standard with each enclosure
- Impact-resistant polycarbonate window is permanently bonded in place
- Fiberglass mounting brackets and stainless steel attachment screws are provided with each enclosure
- Unique hinge design allows for standard 180 degree door opening with a maximum opening of 270 degrees
- Door hinges are replaceable
- Type 316 stainless steel quarter-turn latch. Optional keylocking or padlocking handle available.
- Molded-in DIN bosses
- Molded bosses on door provide additional mounting provisions
- Integral mounting rails provide infinite panel adjustment front to back
- Optional data pocket is high-impact thermoplastic

Finish

Exterior surface painted light-gray acrylic enamel for enhanced UV protection. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
 H2OMIT® Vent Drains, Type 4X
 H2OMIT® Thermoelectric Dehumidifier
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
 Rack Angles (Type RA)

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

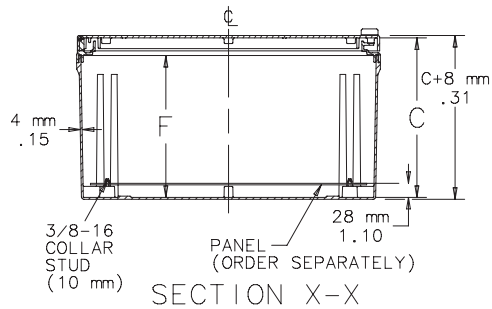
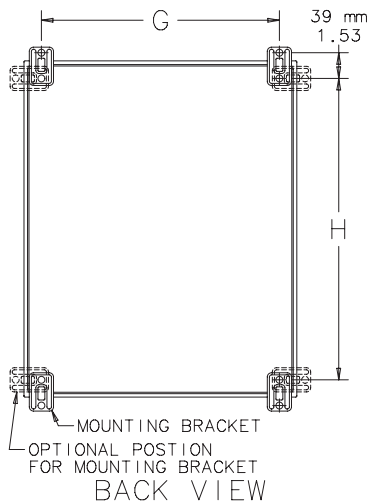
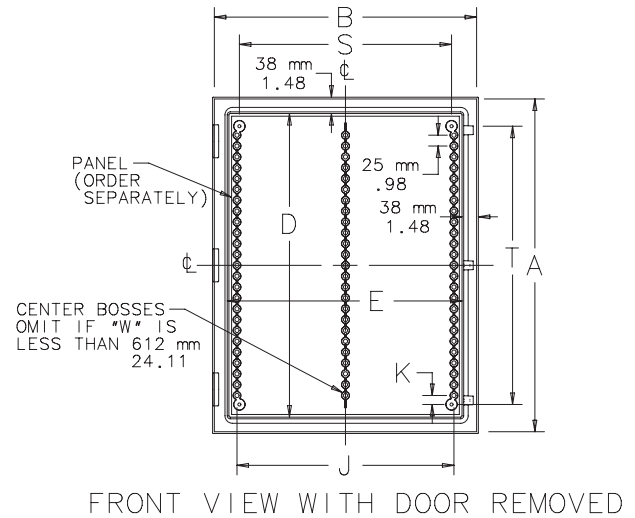
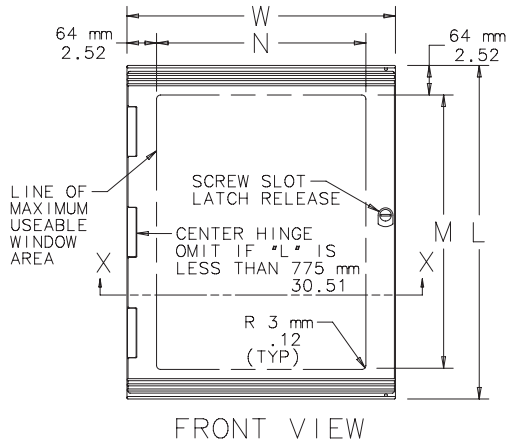
Bulletin: UX1

Standard Product

| Catalog Number | Door Style | External Dimensions | | Internal Dimensions | | Panel | Conductive Panel | Panel Size | | Mounting | | Window Size | | | | |
|----------------|------------|---------------------|--------|-----------------------|--------|--------|------------------|-----------------|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|--|
| | | L x W mm/in. | mm/in. | A x B x C mm/in. | mm/in. | | | D x E mm/in. | G x H mm/in. | M x N mm/in. | F mm/in. | J mm/in. | K mm/in. | S mm/in. | T mm/in. | |
| UU504020 | Solid | 513 x 413 | — | 496 x 396 x 220 | — | A20P16 | A20P16G | 432 x 330 | 359 x 459 | — | 186 | 297 | 19 | 286 | 387 | |
| | | 20.20 x 16.26 | — | 19.53 x 15.59 x 8.66 | — | — | — | 17.00 x 12.99 | 14.13 x 18.07 | — | 7.32 | 11.69 | 0.75 | 11.26 | 15.24 | |
| UU504020W | Window | 513 x 413 | — | 496 x 396 x 220 | — | A20P16 | A20P16G | 439 x 330 | 359 x 459 | 386 x 286 | 186 | 297 | 19 | 286 | 387 | |
| | | 20.20 x 16.26 | — | 19.53 x 15.59 x 8.66 | — | — | — | 17.00 x 12.99 | 14.13 x 18.07 | 15.20 x 11.26 | 7.32 | 11.69 | 0.75 | 11.26 | 15.24 | |
| UU606020 | Solid | 625 x 612 | — | 608 x 595 x 220 | — | A24P24 | A24P24G | 533 x 533 | 559 x 572 | — | 186 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 8.66 | — | — | — | 20.98 x 20.98 | 22.01 x 22.52 | — | 7.32 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU606020W | Window | 625 x 612 | — | 608 x 595 x 220 | — | A24P24 | A24P24G | 533 x 533 | 559 x 572 | 498 x 486 | 186 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 8.66 | — | — | — | 20.98 x 20.98 | 22.01 x 22.52 | 19.61 x 19.13 | 7.32 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU605025 | Solid | 625 x 513 | — | 608 x 496 x 270 | — | A24P20 | A24P20G | 533 x 432 | 457 x 570 | — | 239 | 400 | 21 | 387 | 489 | |
| | | 24.61 x 20.20 | — | 23.94 x 19.53 x 10.63 | — | — | — | 20.98 x 17.00 | 17.99 x 22.44 | — | 9.41 | 15.75 | 0.83 | 15.24 | 19.25 | |
| UU605025W | Window | 625 x 513 | — | 608 x 496 x 270 | — | A24P20 | A24P20G | 533 x 432 | 457 x 570 | 498 x 386 | 239 | 400 | 21 | 387 | 489 | |
| | | 24.61 x 20.20 | — | 23.94 x 19.53 x 10.63 | — | — | — | 20.98 x 17.00 | 17.99 x 22.44 | 19.61 x 15.20 | 9.41 | 15.75 | 0.83 | 15.24 | 19.25 | |
| UU504030 | Solid | 513 x 412 | — | 496 x 395 x 321 | — | A20P16 | A20P16G | 432 x 330 | 355 x 455 | — | 287 | 300 | 19 | 286 | 387 | |
| | | 20.20 x 16.22 | — | 19.53 x 15.55 x 12.64 | — | — | — | 17.00 x 12.99 | 13.98 x 17.91 | — | 11.30 | 11.81 | 0.75 | 11.26 | 15.24 | |
| UU504030W | Window | 513 x 412 | — | 496 x 395 x 321 | — | A20P16 | A20P16G | 432 x 330 | 355 x 455 | 386 x 286 | 287 | 300 | 19 | 286 | 387 | |
| | | 20.20 x 16.22 | — | 19.53 x 15.55 x 12.64 | — | — | — | 17.00 x 12.99 | 13.98 x 17.91 | 15.20 x 11.26 | 11.30 | 11.81 | 0.75 | 11.26 | 15.24 | |
| UU606030 | Solid | 625 x 612 | — | 608 x 595 x 321 | — | A24P24 | A24P24G | 533 x 533 | 555 x 568 | — | 287 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 12.64 | — | — | — | 20.98 x 20.98 | 21.85 x 22.36 | — | 11.30 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU606030W | Window | 625 x 612 | — | 608 x 595 x 321 | — | A24P24 | A24P24G | 533 x 533 | 555 x 568 | 498 x 486 | 287 | 500 | 21 | 489 | 489 | |
| | | 24.61 x 24.09 | — | 23.94 x 23.43 x 12.64 | — | — | — | 20.98 x 20.98 | 21.85 x 22.36 | 19.61 x 19.13 | 11.30 | 19.68 | 0.83 | 19.25 | 19.25 | |
| UU756030 | Solid | 775 x 612 | — | 758 x 595 x 321 | — | A30P24 | A30P24G | 686 x 533 | 555 x 718 | — | 287 | 500 | 21 | 489 | 641 | |
| | | 30.51 x 24.09 | — | 29.84 x 23.43 x 12.64 | — | — | — | 27.01 x 20.98 | 21.85 x 28.27 | — | 11.30 | 19.68 | 0.83 | 19.25 | 25.24 | |

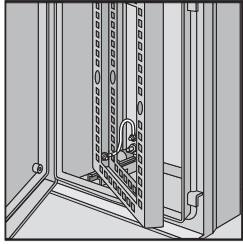
| Catalog Number | Door Style | Dimensions | | Panel | Conductive Panel | Panel Size D x E mm/in. | Mounting G x H mm/in. | Window Size | | | | | |
|----------------|------------|---------------|-----------------------|--------|------------------|-------------------------|-----------------------|--------------|----------|----------|----------|----------|----------|
| | | L x W mm/in. | A x B x C mm/in. | | | | | M x N mm/in. | F mm/in. | J mm/in. | K mm/in. | S mm/in. | T mm/in. |
| UU756030W | Window | 775 x 612 | 758 x 595 x 321 | A30P24 | A30P24G | 686 x 533 | 555 x 718 | 648 x 486 | 287 | 500 | 21 | 489 | 641 |
| | | 30.51 x 24.09 | 29.84 x 23.43 x 12.64 | | | | | | | | | | |
| UU1008030 | Solid | 1025 x 825 | 1008 x 808 x 321 | A40P30 | A40P30G | 940 x 737 | 768 x 968 | — | 287 | 700 | 23 | 692 | 895 |
| | | 40.35 x 32.48 | 39.68 x 31.81 x 12.64 | | | | | | | | | | |
| UU1008030W | Window | 1025 x 825 | 1008 x 808 x 321 | A40P30 | A40P30G | 940 x 737 | 768 x 968 | 898 x 698 | 287 | 700 | 23 | 692 | 895 |
| | | 40.35 x 32.48 | 39.68 x 31.81 x 12.64 | | | | | | | | | | |
| UU606040 | Solid | 625 x 612 | 608 x 595 x 421 | A24P24 | A24P24G | 533 x 533 | 555 x 568 | — | 387 | 500 | 21 | 489 | 489 |
| | | 24.61 x 24.09 | 23.94 x 23.43 x 16.57 | | | | | | | | | | |
| UU606040W | Window | 625 x 612 | 608 x 595 x 421 | A24P24 | A24P24G | 533 x 533 | 555 x 568 | 498 x 486 | 387 | 500 | 21 | 489 | 489 |
| | | 24.61 x 24.09 | 23.94 x 23.43 x 16.57 | | | | | | | | | | |
| UU756040 | Solid | 775 x 612 | 758 x 595 x 421 | A30P24 | A30P24G | 686 x 533 | 555 x 718 | — | 387 | 500 | 21 | 489 | 641 |
| | | 30.51 x 24.09 | 29.84 x 23.43 x 16.57 | | | | | | | | | | |
| UU756040W | Window | 775 x 612 | 758 x 595 x 421 | A30P24 | A30P24G | 686 x 533 | 555 x 718 | 648 x 486 | 387 | 500 | 21 | 489 | 641 |
| | | 30.51 x 24.09 | 29.84 x 23.43 x 16.57 | | | | | | | | | | |

Purchase panels separately.



C2553-C

Grounding Device



Grounding Device provides a means to attach a grounding conductor to an ULTRX Swing-Out Panel or Swing-Out Frame. Includes all installation hardware and instructions.

Bulletin: UX1Y

| Catalog Number | Description |
|----------------|------------------------|
| UUGK | ULTRX Grounding Device |

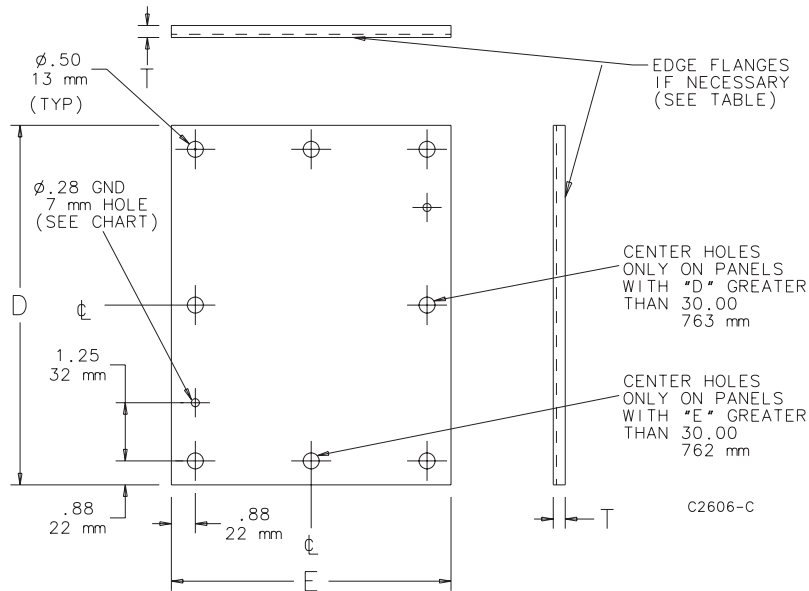
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures

Steel panels are 12 gauge with a white finish. Panel mounting hardware is furnished with all enclosures which accept these panels.

Bulletin: DWS12, PNLWM

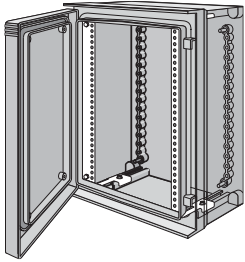
| Catalog Number | Panel Gauge | Flange | | Panel Size D x E (in.) | Panel Size D x E (mm) | Number of Holes | Edge Flanges |
|----------------|-------------|-------------------|------------------|------------------------|-----------------------|-----------------|--------------|
| | | Thickness T (in.) | Thickness T (mm) | | | | |
| A20P16 | 12 | — | — | 17.00 x 13.00 | 432 x 330 | 4 | None |
| A24P20 | — | 0.75 | 19 | 21.00 x 17.00 | 533 x 432 | 4 | 2 |
| A24P24 | — | 0.75 | 19 | 21.00 x 21.00 | 533 x 533 | 4 | 2 |
| A24P24WD | — | 0.75 | 19 | 21.00 x 21.00 | 533 x 533 | 4 | — |
| A30P24 | — | 0.75 | 19 | 27.00 x 21.00 | 686 x 533 | 4 | 2 |
| A40P30 | — | 0.75 | 19 | 37.00 x 29.00 | 940 x 737 | 4 | 4 |

Catalog number with "WD" is wood.



ULTRX®

Rack Angles (Type RA)

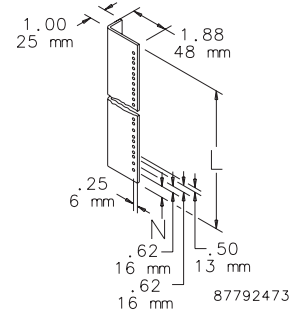


Pairs of full-length rack-mounting angles are available for mounting 1-in. (483-mm) rack-mounted equipment. Type RA angles are 14 gauge steel with .281-in. (7-mm) diameter mounting holes, spaced per EIA standard RS-310-D (universal spacing). Use Clip Nut Package (AN1032) to provide tapped holes at desired locations. Angles and mounting hardware are plated steel. Mounting hardware is furnished.

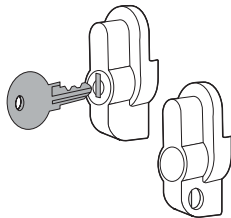
Bulletin: UX1Y

| Catalog Number | Fits A x B | | Rack Units | Pkg. Qty. |
|----------------|---------------|----------|------------|-----------|
| | mm/in. | L mm/in. | | |
| UURA6060 | 610 x 610 | 552 | 10 | 12 |
| | 24.00 x 24.00 | 21.75 | .38 | |
| UURA7560 | 762 x 610 | 705 | 19 | 15 |
| | 30.00 x 24.00 | 27.75 | .75 | |

Use UURA6060 with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.

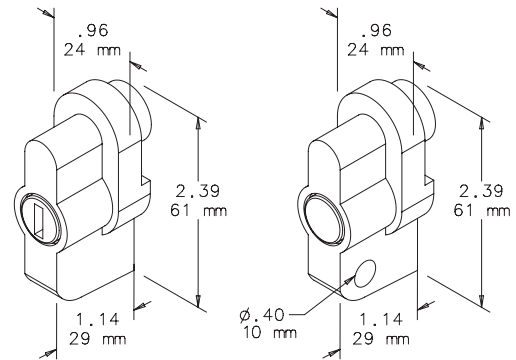


Keylock Kit and Padlock Kit



Keylock Kit or pushbutton-style Padlock Kit is easily inserted in latch hole to prevent unauthorized personnel from gaining access to enclosure contents. Each kit is fully assembled for easy installation in the field. Type 316 stainless steel construction.

Bulletin: UX1Y



Keylock Kit

Padlock Kit

87792346

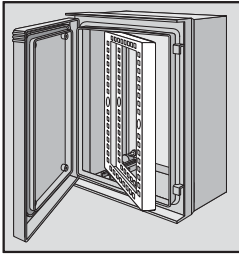
| Catalog Number | Description |
|----------------|-------------|
| UUHKL | Keylock Kit |
| UUHPL | Padlock Kit |

UUHKL: Internal key components are not stainless steel.

UUHPL: Handles maintain UL 508A, Type 3, 4, 4X and 12 when properly installed on a Hoffman enclosure. Set up for 1/4-in. or 3/8-in. padlock.

ULTRX®

Swing Frame

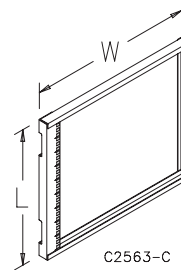


Swing Frame provides 19-in. rack-mounting capabilities with U-Style (Type RA) mounting hole pattern. Quarter-turn latch has 100-degree swing. Adjustable mounting provision. 14 gauge plated steel. Includes mounting hardware. Swing frame maintains enclosure rating if properly installed in a Hoffman enclosure. *Swing Frame will not slide all the way forward in 400-mm-deep enclosures. Consult factory for more information.*

Bulletin: UX1Y

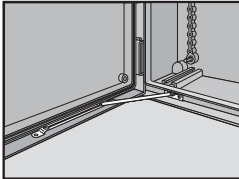
| Catalog Number | Fits A x B mm/in. | L mm/in. | W mm/in. | Rack Units |
|----------------|----------------------|-------------|-------------|---------------|
| UU6060SF | 610 x 610 | 540 | 535 | 11 |
| | 24.00 x 24.00 | 21.25 | 21.08 | |
| UU7560SF | 762 x 610 | 687 | 535 | 14 |
| | 30.00 x 24.00 | 27.05 | 21.08 | |

Use UU6060SF with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.



C2563-C

Door Stop Kit



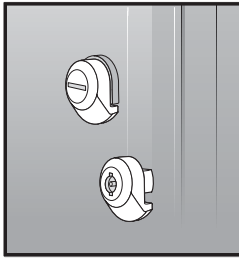
Door Stop Kit limits door to 120-degree opening. Field installable on all sizes of ULTRX enclosures. Type 304 stainless steel construction.

Bulletin: UX1Y

| Catalog Number | Description |
|----------------|---------------|
| UU5 | Door Stop Kit |

ULTRX®

ULTRX® Key Insert

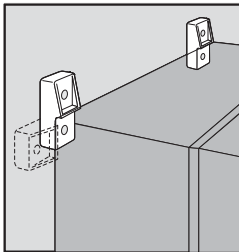


Inserts can be substituted for the standard quarter-turn latch. Inserts are Type 316 stainless steel.

Bulletin: UX1Y

| Catalog Number | Insert Type |
|----------------|-------------------|
| UUL3DB | Double-bit 3 mm |
| UULSC | Screw driver slot |

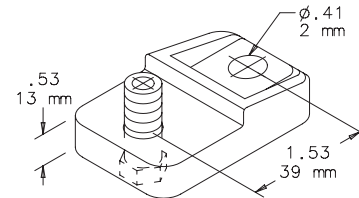
ULTRX® Mounting Bracket Kit



Kit is field-installable. Corrosion-resistant fiberglass material. Type 316 stainless steel mounting hardware is included. Four mounting brackets per kit.

Bulletin: UX1Y

| Catalog Number | Description | Kit Qty. |
|----------------|----------------------|----------|
| UUMF | Mounting Bracket Kit | 4 |



11C59177

Hinge-Cover with 3-Point Latch or Quick-Release Latches

Hinge-Cover with 3-Point Latch or Quick-Release Latches, Type 4X

**Industry Standards**

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

A full range of modification options are available for wall-mount fiberglass enclosures, including variable depths to accommodate larger controls. These enclosures feature stainless steel padlocking hasps or Hoffman's exclusive POWERGLIDE® Handle with 3-point latching for ease of access with increased security.

Specifications

- Fiberglass-reinforced material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties
- Type 316L stainless steel padlocking POWERGLIDE Handle on 3-point latch versions assures security and a water-tight seal while still allowing convenient access
- Quick-release latch versions feature fiberglass-reinforced polyester latches with integral Type 316L stainless steel padlocking hasp
- Seams are sealed; no holes or knockouts

- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Fiberglass material is easily punched, drilled, filed or sawed
- Data pocket is high-impact thermoplastic
- Copper-flashed steel collar studs for mounting optional panels and terminal block kits

Finish

Fiberglass enclosure is gray inside and out. Handle is Type 316L stainless steel electropolished. Optional steel panels are painted white. Optional stainless steel, aluminum and composite panels available in select sizes.

Accessories

See also Accessories
 H2OMIT® Thermoelectric Dehumidifier
 H2OMIT® Vent Drains, Type 4X
 HOL-SEALERS™ Non-Metallic Hole Seals
 Panels
 Stainless Steel Window Kits
 Terminal Block Kit Assembly
 Thermal Accessories

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A17W3, A17WM

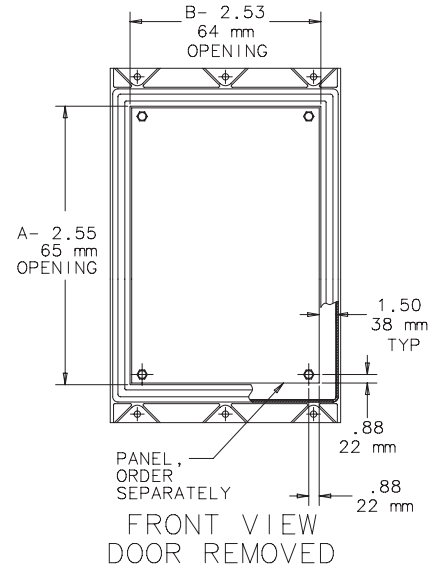
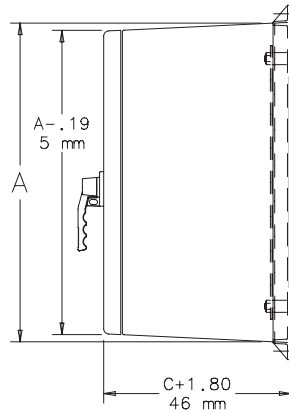
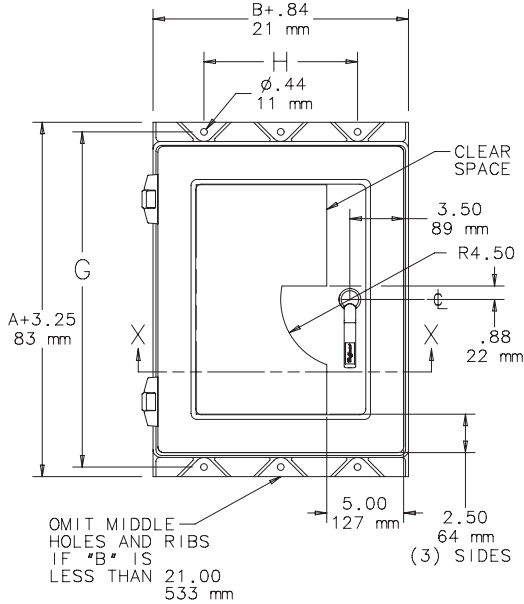
Hinge-Cover with 3-Point Latch or Quick-Release Latches

Standard Product 3-Point Latch

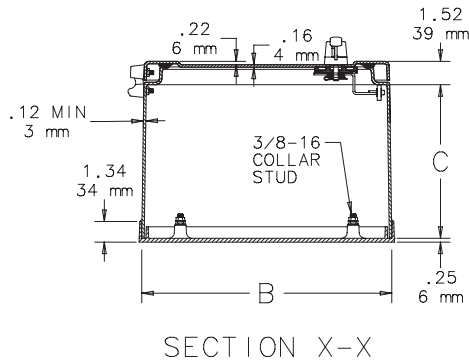
| Catalog Number | AxBxCin. | AxBxCmm | Panel | Conductive Panel | Panel Size Height (in.) | Panel Size Height (mm) | G x H (in.) | G x H (mm) |
|------------------|-----------------------|-----------------|--------|------------------|-------------------------|------------------------|---------------|------------|
| A24H2006GQRLP3PT | 24.25 x 20.25 x 6.00 | 616 x 514 x 203 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 |
| A20H2008GQRLP3PT | 20.19 x 20.25 x 8.00 | 513 x 514 x 203 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 |
| A24H2008GQRLP3PT | 24.25 x 20.25 x 8.00 | 616 x 514 x 203 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 |
| A24H2408GQRLP3PT | 24.19 x 24.19 x 8.00 | 614 x 614 x 203 | A24P24 | A24P24 | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 |
| A30H2408GQRLP3PT | 30.25 x 24.25 x 8.00 | 768 x 616 x 203 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 |
| A36H3008GQRLP3PT | 36.25 x 30.25 x 8.00 | 921 x 768 x 203 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 |
| A24H2010GQRLP3PT | 24.25 x 20.25 x 10.00 | 616 x 514 x 254 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 |
| A30H2410GQRLP3PT | 30.25 x 24.25 x 10.00 | 768 x 616 x 254 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 |
| A24H2412GQRLP3PT | 24.19 x 24.19 x 12.00 | 614 x 614 x 305 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 |
| A30H2412GQRLP3PT | 30.25 x 24.25 x 12.00 | 768 x 616 x 305 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 |
| A36H3012GQRLP3PT | 36.25 x 30.25 x 12.00 | 921 x 768 x 305 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 |

Purchase panels separately. Optional stainless steel, composite and aluminum panels available for most sizes. See General Accessories.

Hinged with 3-Point Latch Enclosures



87786694



Hinge-Cover with 3-Point Latch or Quick-Release Latches

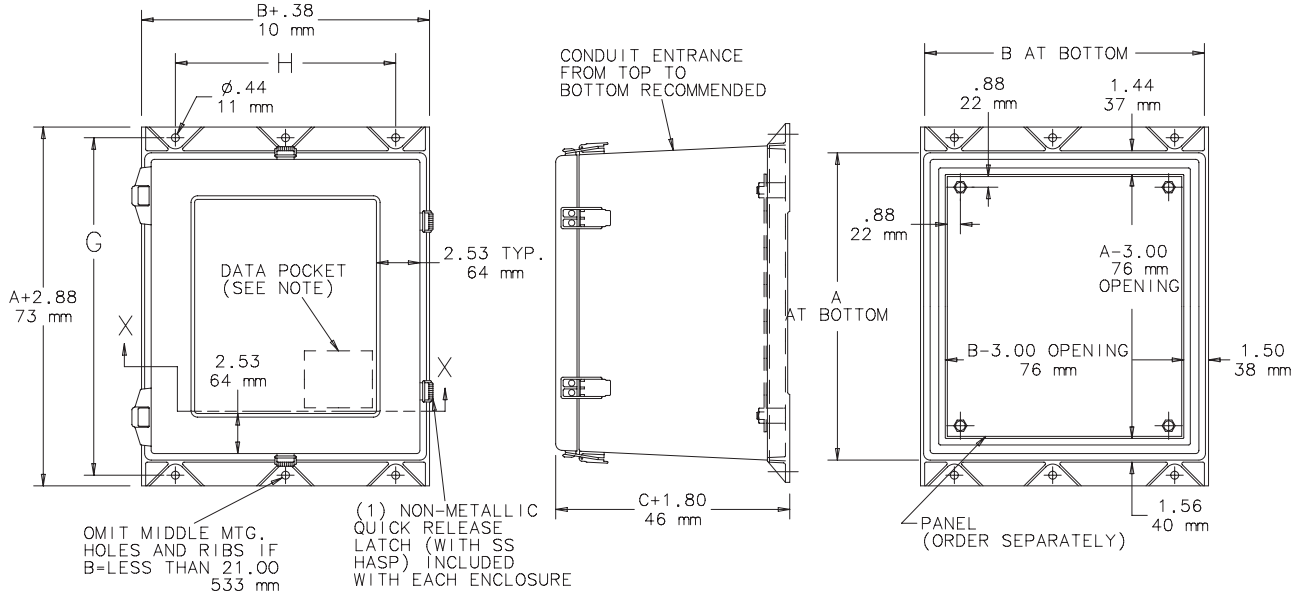
Standard Product Quick-Release Latch

| Catalog Number | AxBxC in. | AxBxC mm | Panel | Cond. Panel | Panel Size (in.) | Panel Size (mm) | Mtg G x H (in.) | Mtg G x H (mm) | No. of Latches | Add'l "C" Dim's (in.) | Add'l "C" Dim's (mm) | Add'l "C" Dim's (in.) | Add'l "C" Dim's (mm) | Add'l "C" Dim's (in.) | Add'l "C" Dim's (mm) |
|----------------|-----------------------|------------------|--------|-------------|------------------|-----------------|-----------------|----------------|----------------|-----------------------|----------------------|-----------------------|----------------------|-----------------------|----------------------|
| A20H1606GQRLP | 20.19 x 16.25 x 6.00 | 513 x 413 x 152 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2006GQRLP | 20.19 x 20.25 x 6.00 | 513 x 514 x 152 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2006GQRLP | 24.25 x 20.25 x 6.00 | 616 x 514 x 152 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | — | — | — | — | — | — |
| A30H2406GQRLP | 30.25 x 24.25 x 6.00 | 768 x 616 x 152 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A20H1608GQRLP | 20.19 x 16.25 x 8.00 | 513 x 413 x 203 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2008GQRLP | 20.19 x 20.25 x 8.00 | 513 x 514 x 203 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2008GQRLP | 24.25 x 20.25 x 8.00 | 616 x 514 x 203 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | — | — | — | — | — | — |
| A24H2408GQRLP | 24.19 x 24.19 x 8.00 | 614 x 614 x 203 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | — | — | — | — | — | — |
| A30H2408GQRLP | 30.25 x 24.25 x 8.00 | 768 x 616 x 203 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A36H3008GQRLP | 36.25 x 30.25 x 8.00 | 921 x 768 x 203 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 | 5 | — | — | — | — | — | — |
| A20H1610GQRLP | 20.19 x 16.25 x 10.00 | 513 x 413 x 254 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2010GQRLP | 20.19 x 20.25 x 10.00 | 513 x 514 x 254 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2010GQRLP | 24.25 x 20.25 x 10.00 | 616 x 514 x 254 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | — | — | — | — | — | — |
| A30H2410GQRLP | 30.25 x 24.25 x 10.00 | 768 x 616 x 254 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A20H1612GQRLP | 20.19 x 16.25 x 12.00 | 513 x 413 x 305 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | — | — | — | — | — | — |
| A20H2012GQRLP | 20.19 x 20.25 x 12.00 | 513 x 514 x 305 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | — | — | — | — | — | — |
| A24H2012GQRLP | 24.25 x 20.25 x 12.00 | 616 x 514 x 305 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 11.00 | 279 | — | — | — | — |
| A24H2412GQRLP | 24.19 x 24.19 x 12.00 | 614 x 614 x 305 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | — | — | — | — | — | — |
| A30H2412GQRLP | 30.25 x 24.25 x 12.00 | 768 x 616 x 305 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A36H3012GQRLP | 36.25 x 30.25 x 12.00 | 921 x 768 x 305 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.58 x 24.00 | 955 x 610 | 5 | — | — | — | — | — | — |
| A36H3612GQRLP | 36.25 x 36.25 x 12.00 | 921 x 921 x 305 | A36P36 | A36P36G | 33.00 x 33.00 | 838 x 838 | 37.58 x 30.00 | 955 x 762 | 7 | — | — | — | — | — | — |
| A48H3612GQRLP | 48.25 x 36.25 x 12.00 | 1226 x 921 x 305 | A48P36 | A48P36G | 45.00 x 33.00 | 1143 x 838 | 49.56 x 30.00 | 1259 x 762 | 8 | — | — | — | — | — | — |
| A60H3612GQRLP | 60.25 x 36.25 x 12.00 | 1530 x 921 x 305 | A60P36 | A60P36G | 57.00 x 33.00 | 1448 x 838 | 61.58 x 30.00 | 1564 x 762 | 8 | — | — | — | — | — | — |
| A24H2016GQRLP | 24.25 x 20.25 x 16.00 | 616 x 514 x 406 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 14.00 | 356 | — | — | — | — |
| A24H2416GQRLP | 24.19 x 24.19 x 16.00 | 614 x 614 x 406 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | 6.00 | 152 | 10.00 | 254 | 14.00 | 356 |
| A30H2416GQRLP | 30.25 x 24.25 x 16.00 | 768 x 616 x 406 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | — | — | — | — | — | — |
| A48H3616GQRLP | 48.25 x 36.25 x 16.00 | 1226 x 921 x 406 | A48P36 | A48P36G | 45.00 x 33.00 | 1143 x 838 | 49.56 x 30.00 | 1259 x 762 | 8 | — | — | — | — | — | — |
| A60H3616GQRLP | 60.25 x 36.25 x 16.00 | 1530 x 922 x 406 | A60P36 | A60P36G | 57.00 x 33.00 | 1448 x 838 | 61.65 x 30.00 | 1566 x 762 | 8 | — | — | — | — | — | — |
| A20H1620GQRLP | 20.19 x 16.25 x 20.00 | 513 x 413 x 508 | A20P16 | A20P16G | 17.00 x 13.00 | 432 x 330 | 21.81 x 10.00 | 554 x 254 | 4 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A20H2020GQRLP | 20.19 x 20.25 x 20.00 | 513 x 514 x 508 | A20P20 | A20P20G | 17.00 x 17.00 | 432 x 432 | 21.81 x 14.00 | 554 x 356 | 4 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A24H2020GQRLP | 24.25 x 20.25 x 20.00 | 616 x 514 x 508 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A24H2420GQRLP | 24.19 x 24.19 x 20.00 | 614 x 614 x 508 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | 18.00 | 457 | — | — | — | — |
| A30H2420GQRLP | 30.25 x 24.25 x 20.00 | 768 x 616 x 508 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | 14.00 | 356 | 16.00 | 406 | 18.00 | 457 |
| A36H3020GQRLP | 36.25 x 30.25 x 20.00 | 921 x 768 x 508 | A36P30 | A36P30G | 33.00 x 27.00 | 838 x 686 | 37.72 x 24.00 | 958 x 610 | 5 | — | — | — | — | — | — |
| A48H3620GQRLP | 48.25 x 36.25 x 20.00 | 1226 x 921 x 508 | A48P36 | A48P36G | 45.00 x 33.00 | 1143 x 838 | 49.72 x 30.00 | 1263 x 762 | 8 | — | — | — | — | — | — |
| A24H2024GQRLP | 24.25 x 20.25 x 24.00 | 616 x 514 x 610 | A24P20 | A24P20G | 21.00 x 17.00 | 533 x 432 | 25.86 x 14.00 | 657 x 356 | 4 | 22.00 | 559 | — | — | — | — |
| A24H2424GQRLP | 24.19 x 24.19 x 24.00 | 614 x 614 x 610 | A24P24 | A24P24G | 21.00 x 21.00 | 533 x 533 | 25.81 x 18.00 | 656 x 457 | 4 | 22.00 | 559 | — | — | — | — |
| A30H2424GQRLP | 30.25 x 24.25 x 24.00 | 768 x 616 x 610 | A30P24 | A30P24G | 27.00 x 21.00 | 686 x 533 | 31.95 x 18.00 | 812 x 457 | 5 | 22.00 | 559 | — | — | — | — |

Purchase panels separately. Optional stainless steel, composite and aluminum panels are available for most sizes.

Hinge-Cover with 3-Point Latch or Quick-Release Latches

Hinged with Quick-Release Latch Enclosures 36 X 30 or Smaller Drawing

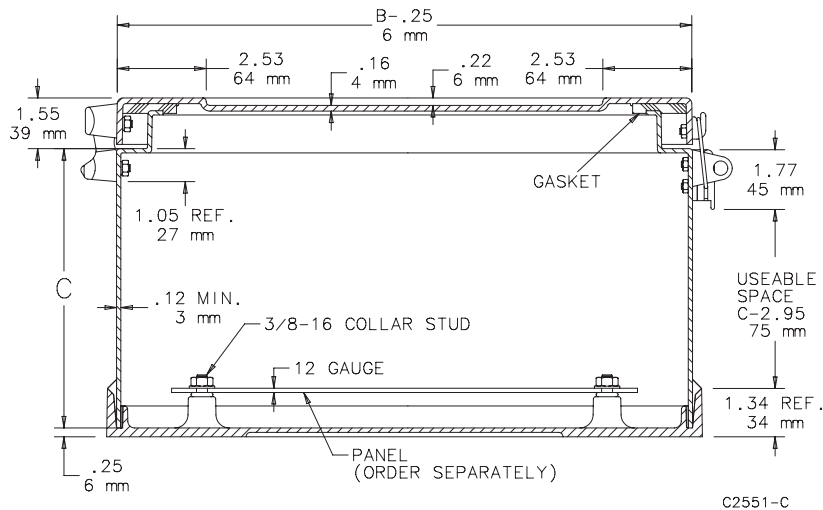


FRONT VIEW WITH DOOR

SIDE VIEW

FRONT VIEW DOOR REMOVED

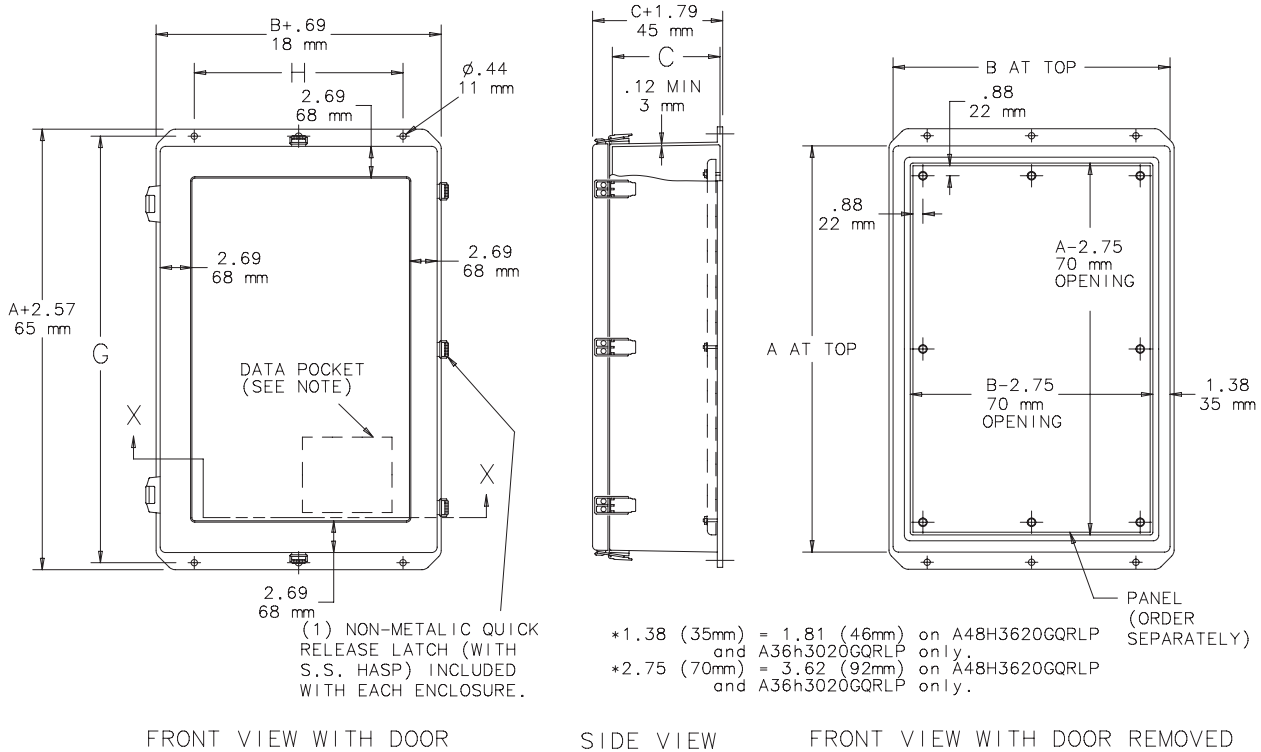
NOTE: Enclosure A36H3020GQRLP still is manufactured according to the drawing of enclosures 36 X 36 or larger.



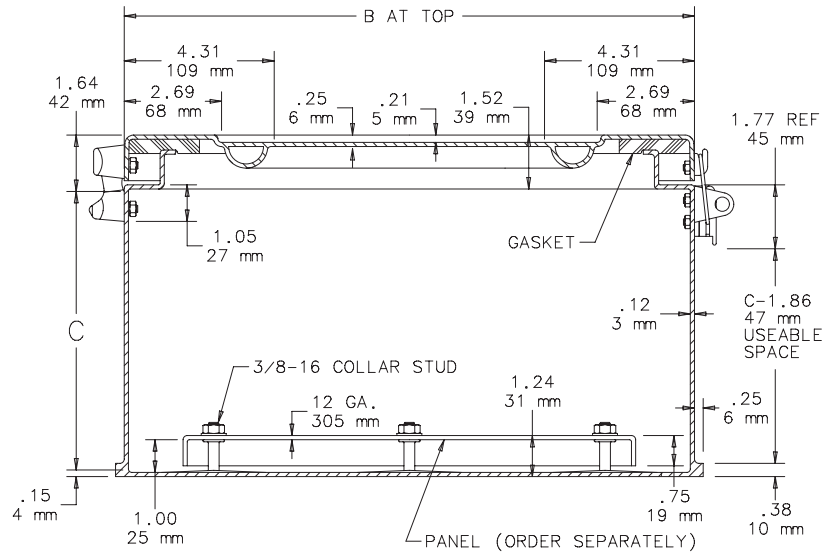
SECTION X-X

Hinge-Cover with 3-Point Latch or Quick-Release Latches

Hinged with Quick-Release Latch Enclosures 36 X 36 or Larger Drawing



NOTE: Large data pocket provision when A=30.00 (7.76mm) or more. Data pocket is furnished but not installed. Large data pocket is 12.00 X 12.00 (305mm X 305mm); small data pocket is 6.00 x 6.00 (152mm x 152mm).



SECTION X-X

C2552-C

Hinge-Cover with 3-Point Latch or Quick-Release Latches

Notes

Free-Stand

Free-Stand, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA Type 3, 3R, 4, 4X, 12, 13
 E.I.A. RS-310-D
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

An economical housing for corrosive environments, single-door, free-stand enclosures provide a versatile solution for applications that require flexibility when mounting panels and racks. Benefits include easy access to equipment, larger capacity for control systems, steel reinforcements for stability and strength, captivated door screws and an optional POWERGLIDE® Handle for secure latching.

Standard Product

| Catalog Number | AxBxC in./mm | Description | Estimated Ship Wt. (lb.) | Estimated Ship Wt. (kg) |
|----------------|---|---|--------------------------|-------------------------|
| A722525FGFS | 72.00 x 25.00 x 24.50 1829 x 635 x 622 | Stainless steel captivated door screws | 215 | 97.5 |
| A722525FGFS3PT | 72.00 x 25.00 x 24.50 1829 x 635 x 622 | 3-point latching system/Type 316 stainless steel handle | 215 | 97.5 |

Specifications

- Fiberglass-reinforced polyester material has excellent temperature and chemical resistance and exhibits outstanding physical properties
- Fiberglass material is easily punched, drilled, filed or sawed
- Models have either a 3-point latching system with handle or stainless steel captivated door screws
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Painted steel top, bottom and side internal reinforcements standard; stainless steel corner reinforcements optional
- Heavy-duty Type 316 stainless steel lifting eyes
- Accessory mounting channels attached horizontally to interior body sides at top, bottom and center. Painted mounting channels standard; stainless steel optional.
- Panels and rack-mounting angles can be mounted anywhere along corner channels; panels can be mounted on sides or back
- Hinges are corrosion-resistant fiberglass with Type 316 stainless steel hinge pins
- Large, high-impact thermoplastic data pocket (12.00 x 12.00 in. or 305 x 305 mm) is provided
- Molded-in angular sealing flange directs water away from gasket area
- Type 316 stainless steel POWERGLIDE® Handle on handle versions
- Material is halogen free

Finish

Fiberglass enclosure is gray inside and out. Optional mild-steel panels are painted white. Optional conductive panels are available.

Accessories

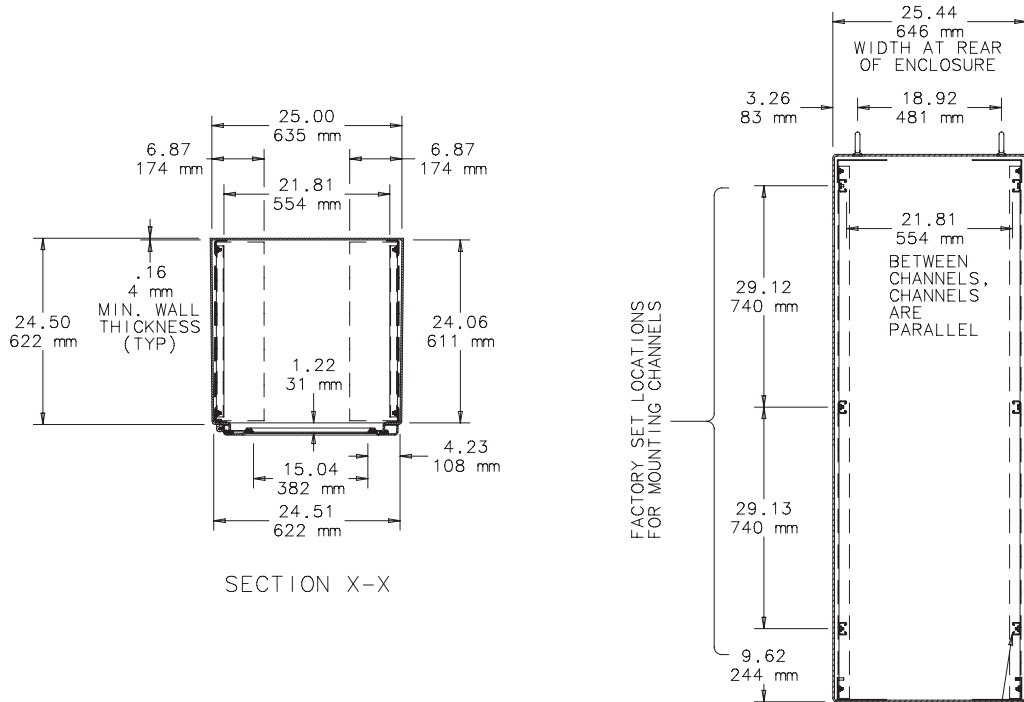
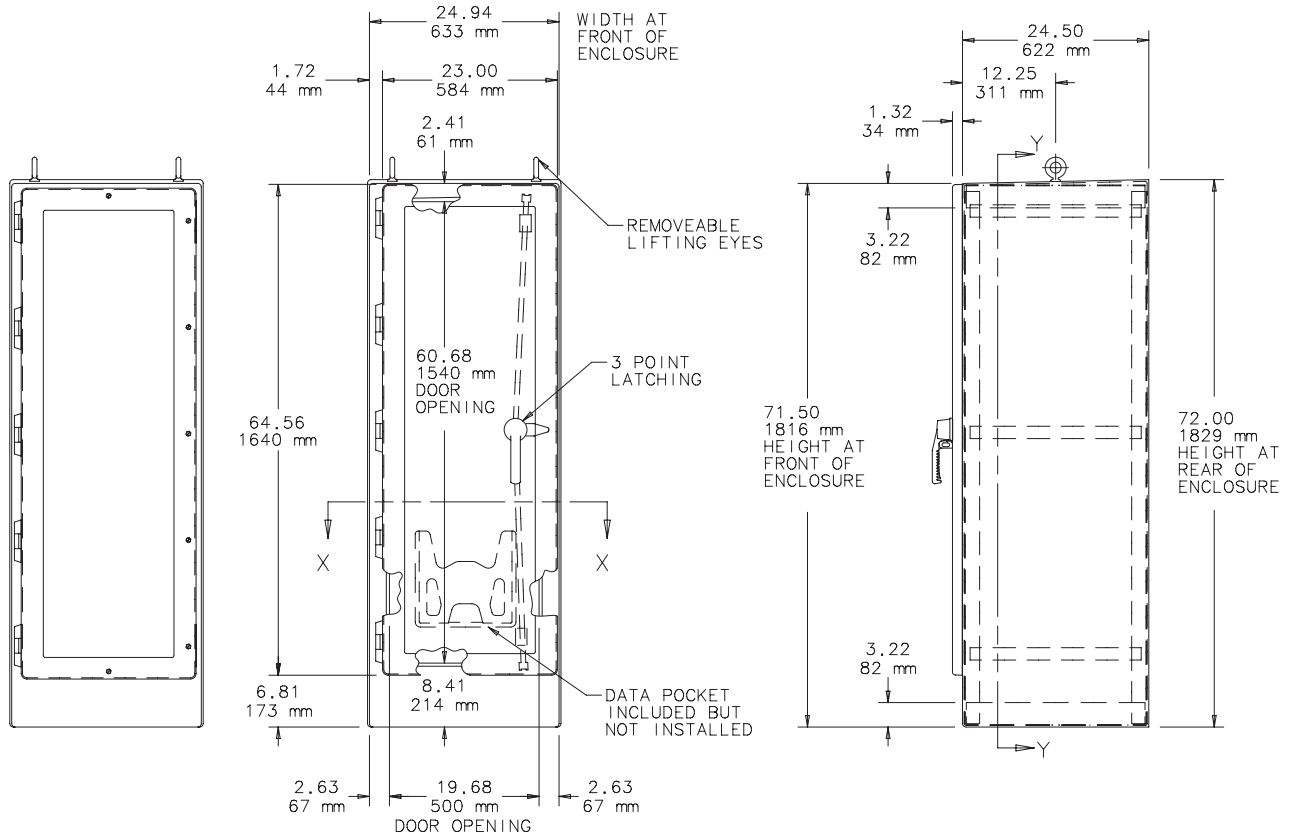
See also *Accessories*.
 Accessory Selection for Free-Stand, Type 4X
 Floor Stand Kit
 H2OMIT® Vent Drains, Type 4X
 H2OMIT® Thermoelectric Dehumidifier
 HOL-SEALERS™ Non-Metallic Hole Seals

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A17

Free-Stand



NOTE: Door opens 175°.

87800309

MOUNTING CHANNELS FOR REGULAR PANELS, SWING OUT PANELS, AND RELAY RACK ANGLES, CHANNELS ARE REMOVEABLE AND CAN BE REPOSITIONED

Accessory Selection for Free-Stand, Type 4X

For details, see Accessories chapter.

Bulletin: A17Y, A80, D10, PNL30, PNLFS

Panels

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|------------------------|---------------|------------|
| A72P24F1 | Full Panel, Steel | 60.00 x 20.00 | 1524 x 508 |
| A72P24F2 | Half Panel, Steel | 30.88 x 20.00 | 784 x 508 |
| A72P24F1G | Full Panel, Conductive | 60.00 x 20.00 | 1524 x 508 |
| A72P24F2G | Half Panel, Conductive | 30.88 x 20.00 | 784 x 508 |

Purchase panels and accessories separately.

Swing-Out Panels

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|----------------------|---------------|------------|
| A72SP24F3 | Full Swing-Out Panel | 60.00 x 18.19 | 1524 x 462 |
| A72SP24F4 | Half Swing-Out Panel | 30.88 x 18.19 | 784 x 462 |

Purchase panels and accessories separately.

Half Swing-Out Panel fits in top or bottom half of enclosure.

Side-Mounted Panels

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|--|---------------|------------|
| A72SMP14 | 14.00 inch (356mm) Wide Panel, Steel | 60.00 x 14.00 | 1524 x 356 |
| A72SMP20 | 20.00 inch (508mm) Wide Panel, Steel | 60.00 x 20.00 | 1524 x 508 |
| A72SMP14G | 14.00 inch (356mm) Wide Panel, Conductive | 60.00 x 14.00 | 1524 x 356 |
| A72SMP20G | 20.00 inch (508mm) Wide Panel, Conductive | 60.00 x 20.00 | 1524 x 508 |

Purchase panels and accessories separately.

Free-Stand

Clamping Nuts

| Catalog Number | Description | Package Qty |
|----------------|----------------------|-------------|
| APS1420CN | 1/4-20 Clamping Nut | 20 |
| APS51618CN | 5/16-18 Clamping Nut | 20 |

Purchase panels and accessories separately.

Casters

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|---------------------|-------------|-----------|
| DMCKC | Set of four casters | 4.00 x 3.00 | 102 x 76 |

Requires Bottom Support

Purchase panels and accessories separately.

Inside Bottom Support

| Catalog Number | Description | Size (in.) | Size (mm) |
|----------------|--|---------------|-----------|
| A17SUPPORT1 | Enclosure bottom support allows installation of casters or floor-stand kits. | 23.70 x 23.25 | 602 x 591 |

Purchase panels and accessories separately.

Rack Mounting Accessory Selection for Free-Stand, Type 4X

For details, see Accessories chapter.

Bulletin: A80, P20

Rack Mounting Angles

| Catalog Number | Description | Length (in.) | Length (mm) | Units |
|----------------|----------------------------------|--------------|-------------|-------|
| A72RP24F5 | Two Full-Length Angles (Type RP) | 61.25 | 1556 | 35 |
| A72RP24F6 | Two Half-Length Angles (Type RP) | 31.50 | 800 | 18 |
| A60RA19TH | Two Full-Length Angles (Type RA) | 49.00 | 1245 | 28 |
| A72RA19TH | Two Full-Length Angles (Type RA) | 61.25 | 1556 | 35 |

Purchase accessories separately.

1 unit = 1.75 in. (44mm)

Clip Nut Package

| Catalog Number | Description | Package Qty | Size |
|----------------|--------------------|-------------|--|
| AN1032 | #10-32 Zinc-Plated | 20 | Fits U-Style (Type RA) Rack Mounting Angle |

Purchase accessories separately.

Rack Panels

| Catalog Number | Description | Size (in.) | Size (mm) | Units |
|----------------|-------------|---------------|-----------|-------|
| P19RP1UA | Aluminum | 19.00 x 1.75 | 483 x 44 | 1 |
| P19RP1UP | Steel | 19.00 x 1.75 | 483 x 44 | 1 |
| P19RP2UA | Aluminum | 19.00 x 3.50 | 483 x 89 | 2 |
| P19RP2UP | Steel | 19.00 x 3.50 | 483 x 89 | 2 |
| P19RP3UA | Aluminum | 19.00 x 5.25 | 483 x 133 | 3 |
| P19RP3UP | Steel | 19.00 x 5.25 | 483 x 133 | 3 |
| P19RP4UA | Aluminum | 19.00 x 7.00 | 483 x 178 | 4 |
| P19RP4UP | Steel | 19.00 x 7.00 | 483 x 178 | 4 |
| P19RP5UA | Aluminum | 19.00 x 8.75 | 483 x 222 | 5 |
| P19RP5UP | Steel | 19.00 x 8.75 | 483 x 222 | 5 |
| P19RP6UA | Aluminum | 19.00 x 10.50 | 483 x 267 | 6 |
| P19RP6UP | Steel | 19.00 x 10.50 | 483 x 267 | 6 |
| P19RP7UA | Aluminum | 19.00 x 12.25 | 483 x 311 | 7 |
| P19RP7UP | Steel | 19.00 x 12.25 | 483 x 311 | 7 |
| P19RP8UA | Aluminum | 19.00 x 14.00 | 483 x 356 | 8 |
| P19RP8UP | Steel | 19.00 x 14.00 | 483 x 356 | 8 |
| P19RP9UP | Steel | 19.00 x 15.75 | 483 x 400 | 9 |
| P19RP10UP | Steel | 19.00 x 17.50 | 483 x 445 | 10 |
| P19RP11UA | Aluminum | 19.00 x 19.25 | 483 x 489 | 11 |
| P19RP11UP | Steel | 19.00 x 19.25 | 483 x 489 | 11 |
| P19RP12UA | Aluminum | 19.00 x 21.00 | 483 x 533 | 12 |
| P19RP12UP | Steel | 19.00 x 21.00 | 483 x 533 | 12 |
| P19RP16UP | Steel | 19.00 x 28.00 | 483 x 711 | 16 |

Purchase panels and accessories separately.

1 unit = 1.75 in. (44 mm)

Free-Stand

Screw Package

| Catalog Number | Description | Package Qty |
|----------------|--------------------------------|-------------|
| AS1032 | 10-32 Truss Head Nickel-Plated | 20 |

Purchase accessories separately.

Drawers

| Catalog Number | Description | Depth (in.) | Depth (mm) | Units |
|----------------|-----------------|-------------|------------|-------|
| A19DR2U | Pull-Out Drawer | 3.47 | 88 | 2 |
| A19DR4U | Pull-Out Drawer | 6.97 | 177 | 4 |

Purchase accessories separately.

1 unit = 1.75 in. (44 mm)

Requires two sets of Type RA Rack Mounting Angles for installation.

Writing Surface for Drawers

| Catalog Number | Description | Size |
|----------------|----------------|---------------------------------|
| A19WSDR | Hinged Surface | Fits Drawer A19DR2U and A19DR4U |

Purchase accessories separately.

Shelves

| Catalog Number | Description | Units |
|----------------|----------------|-------|
| A19SHP6 | Pull-Out Shelf | 2 |
| A19SH5 | Fixed Shelf | 1 |
| A19SH6 | Fixed Shelf | 1 |

Purchase accessories separately.

1 unit = 1.75 in. (44 mm)

Guides

| Catalog Number | Description | Unit |
|----------------|----------------------------|------|
| AG1U6 | Chassis Guide (set of two) | 1 |

Purchase accessories separately.

1 unit = 1.75 in. (44 mm)

Two-Door Free-Stand

Two-Door Free-Stand, Type 4X



Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 3, 3R, 4, 4X, 12; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA Type 3, 3R, 4, 4X, 12, 13
 IEC 60529, IP66
 Meets NEMA Type 3RX requirements

Application

An economical way to house electronics in corrosive environments, two-door enclosures provide easy access to equipment, larger capacity for control systems and steel reinforcements that ensure stability and strength. These enclosures feature captivated door screws and an optional POWERGLIDE® Handle for secure latching.

Specifications

- Fiberglass-reinforced polyester material has excellent temperature and chemical resistance and exhibits outstanding physical properties
- Seams are sealed; no holes or knockouts
- Fiberglass material is easily punched, drilled, filed or sawed
- Models have either a 3-point latching system with handle or stainless steel captivated door screws
- Type 316 stainless steel POWERGLIDE Handle on handle versions
- Stainless steel captivated door screws on screw versions
- Seamless foam-in-place gasket assures a water-tight and dust-tight seal

- Painted steel top, bottom and side internal reinforcements standard; stainless steel corner reinforcements optional
- Solid centerpost (not removable) has heavy-gauge stiffener
- Heavy-duty Type 316 stainless steel lifting eyes
- Hinges are corrosion-resistant fiberglass with Type 316 stainless steel hinge pins
- Large data pocket (12.00 x 12.00 in. or 305 x 305 mm) is high-impact thermoplastic
- Molded-in angular sealing flange directs water away from gasket area
- Material is halogen free

Finish

Fiberglass enclosure is gray inside and out. White painted mild steel panels are included. Optional conductive panels are available.

Accessories

See also Accessories.
 Accessory Selection for Free-Stand, Type 4X
 Bottom Support Kits
 Floor Stand Kit
 H2OMIT® Vent Drains, Type 4X
 H2OMIT® Thermoelectric Dehumidifier
 HOL-SEALERS™ Non-Metallic Hole Seals

Modification and Customization

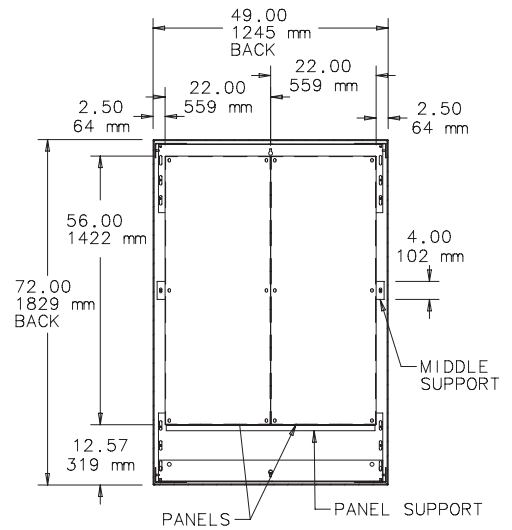
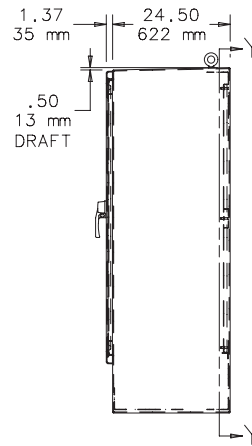
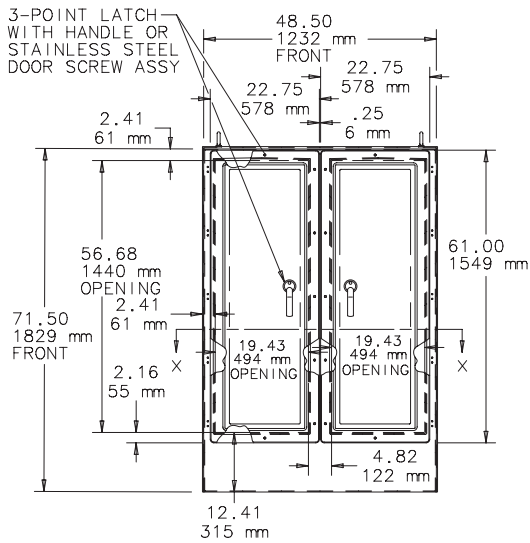
Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A17

Standard Product

| Catalog Number | AxBxC in./mm | Number of Panels | Panel Size in./mm |
|----------------|--|------------------|-----------------------------|
| A724925FG | 72.00 x 49.00 x 24.50 1829 x 1245 x 622 | 2 | 56.00 x 22.00 1422 x 559 |
| A724925FGF53PT | 72.00 x 49.00 x 24.50 1830 x 1245 x 622 | 2 | 56.00 x 22.00 1422 x 559 |

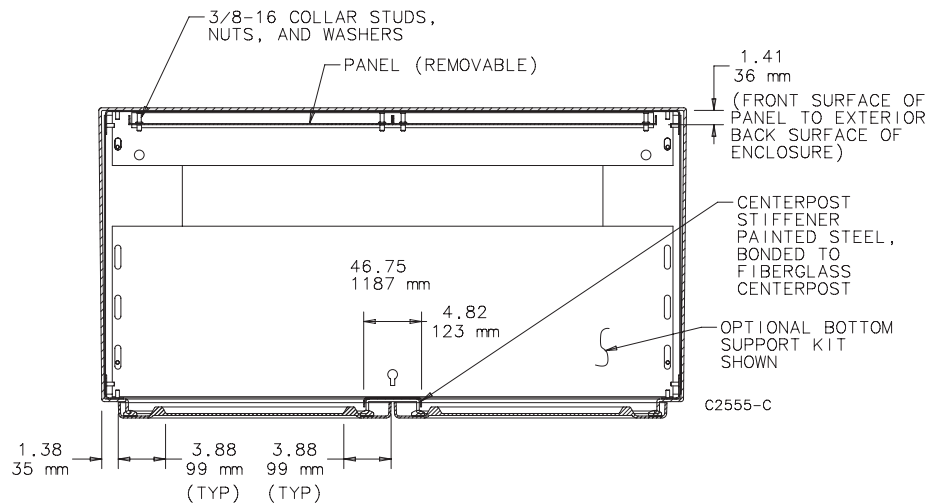
Two-Door Free-Stand



SECTION Y-Y

- NOTE: 1. Upper, middle, and lower supports as well as centerpost stiffener are steel.
 2. Optional Bottom Support Kit required when installing Caster, Floor-Stand Kit, or Unistrut Mounting Kit.

NOTE: Section Y-Y shown with the optional Bottom Support Kit and Unistrut Mounting Kit accessories installed.



SECTION X-X

Bottom Support Kits

Bulletin: A17Y

| Catalog Number | Description |
|----------------|---|
| A17SUPPORT2 | Inside Bottom Support -- Enclosure bottom support to allow option of installing casters or floor stand kits |
| A17UNISTRUT | Bolt-On Unistrut Channel (8 channels) -- Painted steel unistrut for accessory mounting |

A17SUPPORT2 required to install A17UNISTRUT in two-door enclosures

QLINE® D
QLINE® D Pushbutton, Type 4X

Industry Standards

 UL 508A Listed; Type 4, 4X, 12, 13; No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; No. E61997
 Enclosure flammability evaluated per UL 508A

 NEMA/EEMAC Type 4, 4X, 12
 CSA File Number 42186: Type 4, 4X, 12
 IEC 60529, IP67

Application

Used for insulating and housing 30.5-mm or 22.5-mm pushbuttons in hostile environments, QLINE® D Enclosures have contoured bodies with flush cover screws for an attractive, contemporary appearance.

Specifications

- High-impact polycarbonate material is used for both body and cover
- Polycarbonate material is easily punched, drilled, filed or sawed
- Straight side walls permit ganging of multiple enclosures
- Cross-point captivated cover screws are stainless steel
- Mounting holes molded directly adjacent to cover screws
- Cover screws protected by removable caps that are both aesthetic and provide tamper resistance
- Molded internal pads for mounting optional panels, rails or other components
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Screws provided for mounting optional panel
- Mounting hardware furnished
- Material is halogen free

Finish

Polycarbonate enclosure material is RAL 7035 light-gray inside and out. Optional panels are unpainted plated steel.

Accessories

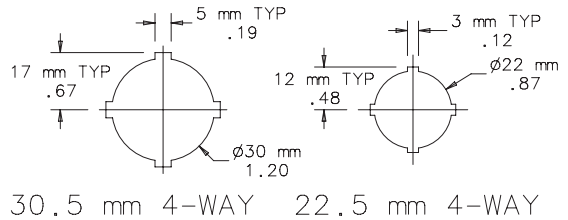
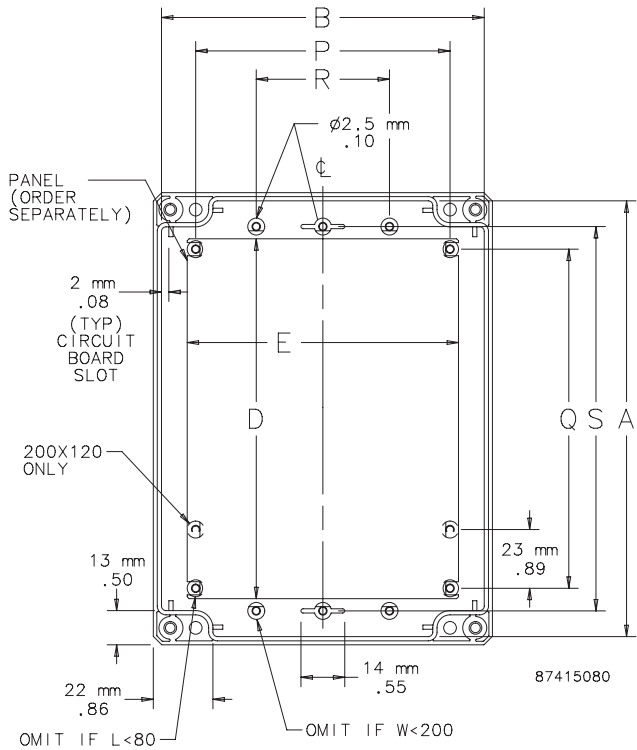
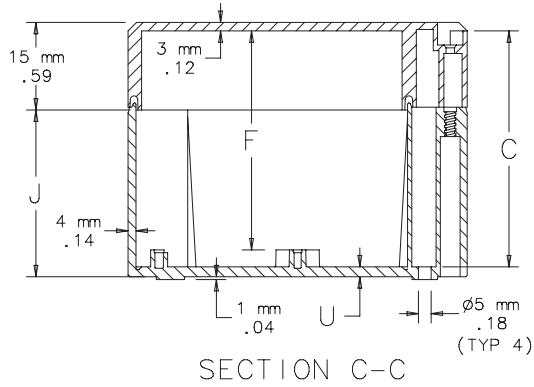
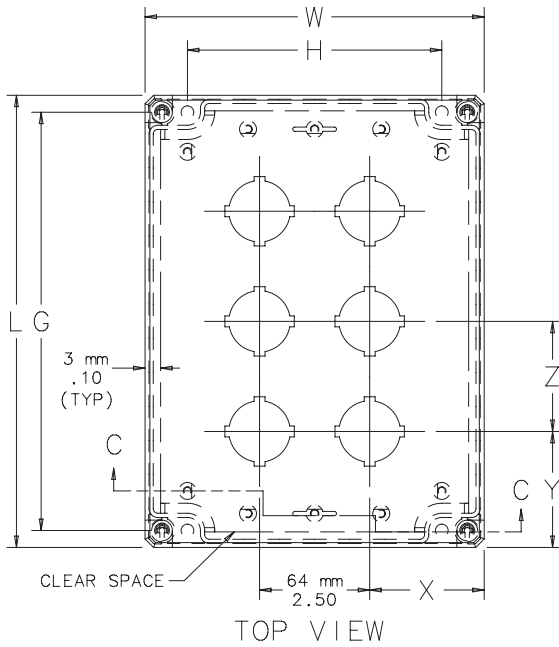
 See also *Accessories*.
 Hardware Kit
 Hinge Kit
 Mounting Bracket Kit
Bulletin: Q41
Standard Product

| Catalog Number | Ax B x C mm/in. | Hole Size mm/in. | External Dimensions L x W mm/in. | Panel | Panel Size D x E mm/in. | Mounting | | | | | | | | | | |
|----------------|--------------------|------------------|----------------------------------|---------|-------------------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | | | G x H mm/in. | F mm/in. | J mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | U mm/in. | X mm/in. | Y mm/in. | Z mm/in. |
| Q1PBPCD | 75 x 73 x 79 | 30.5 | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 58 | 44 | — | 58 | 3 | 40 | 41 | — |
| | 2.95 x 2.87 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | 2.28 | 1.73 | — | 2.28 | 0.12 | 1.57 | 1.61 | — |
| Q1PBPCDM | 75 x 73 x 79 | 22.5 | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 58 | 44 | — | 58 | 3 | 40 | 41 | — |
| | 2.95 x 2.87 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | 2.28 | 1.73 | — | 2.28 | 0.12 | 1.57 | 1.61 | — |
| Q2PBPCDM | 113 x 73 x 79 | 22.5 | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 58 | 82 | — | 96 | 3 | 40 | 36 | 48 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | 2.28 | 3.22 | — | 3.78 | 0.12 | 1.57 | 1.42 | 1.89 |
| Q2PBPCD | 153 x 73 x 79 | 30.5 | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 58 | 122 | — | 136 | 3 | 40 | 48 | 64 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 2.28 | 4.80 | — | 5.35 | 0.12 | 1.57 | 1.89 | 2.52 |
| Q3PBPCDM | 153 x 73 x 79 | 22.5 | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 58 | 122 | — | 136 | 3 | 40 | 32 | 48 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 2.28 | 4.80 | — | 5.35 | 0.12 | 1.57 | 1.26 | 1.89 |
| Q3PBPCD | 193 x 113 x 79 | 30.5 | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 90 | 160 | 40 | 176 | 3 | 60 | 36 | 64 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | 2.36 | 1.42 | 2.52 |
| Q4PBPCD | 193 x 113 x 79 | 30.5 | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 90 | 160 | 40 | 176 | 3 | 28 | 68 | 64 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | 1.10 | 2.68 | 2.52 |
| Q4PBPCDM | 193 x 113 x 79 | 22.5 | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 90 | 160 | 40 | 176 | 3 | 60 | 28 | 48 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | 2.36 | 1.10 | 1.89 |
| Q6PBPCD | 233 x 153 x 84 | 30.5 | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 138 | 202 | 75 | 215 | 4 | 48 | 56 | 64 |
| | 9.17 x 6.02 x 3.29 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 3.07 | 2.95 | 5.43 | 7.95 | 2.95 | 8.46 | 0.16 | 1.89 | 2.20 | 2.52 |

A x B x C are internal dimensions.

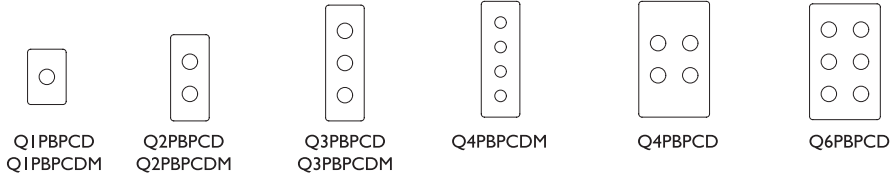
Purchase panels separately.

QLINE® D



QLINE D Polycarbonate Type 4X Pushbutton Hole Arrangement Drawing

Hole Arrangement



QLINE® D
QLINE® D, Type 4X

Industry Standards
Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 6, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 6, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 CSA File No. 42186: Type 4, 4X, 6, 12, 13
 IEC 60529, IP67

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 IEC 60529, IP67

Application

QLINE® D polycarbonate and ABS enclosures have contoured bodies with flush cover screws for an attractive, contemporary appearance. Tough as well as stylish, they are functional in corrosive environments and can withstand occasional submersion.

The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

Specifications

- Body is impact-resistant polycarbonate for PCD series and ABS for ABD series
- Opaque and clear covers are impact-resistant polycarbonate for PCD series and ABS for ABD series
- Polycarbonate material is easily punched, drilled, filed or sawed
- Straight side walls permit ganging of multiple enclosures
- Cross-point captivated cover screws are stainless steel
- Mounting holes molded directly adjacent to cover screws
- Cover screws protected by removable caps that are aesthetic and provide tamper resistance
- Molded internal pads for mounting optional panels, rails and other components
- Panel mounting feature on both body and cover
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Screws provided for mounting optional panel
- Material is halogen free

Finish

Polycarbonate and ABS enclosures are light-gray (RAL 7035) inside and out. Optional panels are plated steel.

Accessories

See also Accessories.
 Hardware Kit
 Hinge Kit
 HOL-SEALERS™ Non-Metallic Hole Seals
 Mounting Bracket Kit

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: Q41

QLINE® D

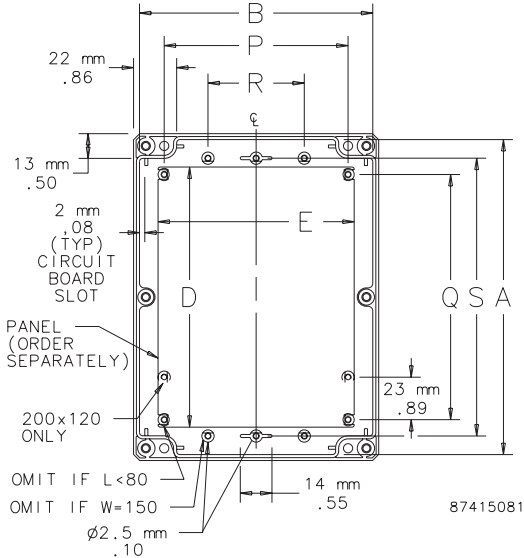
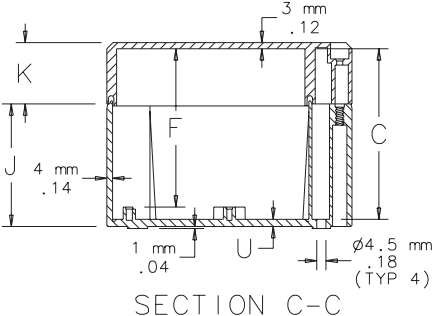
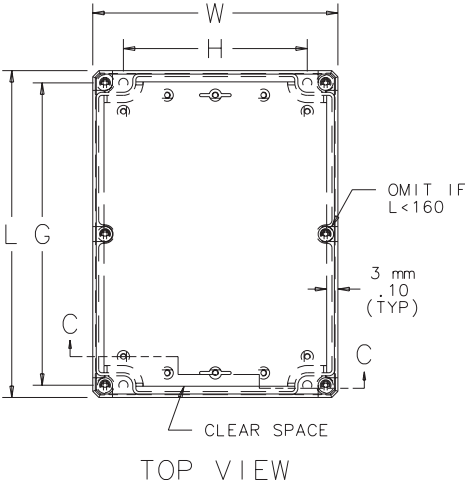
Standard Product **Polycarbonate**

| Catalog Number | AxBxC mm/in. | Cover Style | External Dimensions L x W mm/in. | Panel | Panel Size D x E mm/in. | Mounting G x H mm/in. | F mm/in. | J mm/in. | K mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | U mm/in. |
|----------------|---------------------|-------------|--|---------|-------------------------------|-----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Q554PCD | 50 x 48 x 31 | Opaque | 55 x 53 | — | — | 43 x 41 | 28 | 25 | 10 | 16 | — | — | — | 2 |
| | 1.97 x 1.89 x 1.22 | | 2.17 x 2.09 | | | 1.69 x 1.61 | 1.10 | 0.98 | 0.39 | 0.63 | — | — | — | 0.08 |
| Q554PCDCC | 50 x 48 x 31 | Clear | 55 x 53 | — | — | 43 x 41 | 28 | 25 | 10 | 16 | — | — | — | 2 |
| | 1.97 x 1.89 x 1.22 | | 2.17 x 2.09 | | | 1.69 x 1.61 | 1.10 | 0.98 | 0.39 | 0.63 | — | — | — | 0.08 |
| Q886PCD | 76 x 74 x 49 | Opaque | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 42 | 40 | 15 | 58 | 44 | — | 58 | 3 |
| | 2.96 x 2.89 x 1.93 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 1.73 | — | 2.28 | 0.12 |
| Q886PCDCC | 76 x 74 x 49 | Clear | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 42 | 40 | 15 | 58 | 44 | — | 58 | 3 |
| | 2.99 x 2.91 x 1.93 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 1.73 | — | 2.28 | 0.12 |
| Q1286PCD | 114 x 74 x 49 | Opaque | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.49 x 2.91 x 1.93 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 |
| Q1286PCDCC | 114 x 74 x 49 | Clear | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.49 x 2.91 x 1.93 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 |
| Q1686PCD | 154 x 74 x 49 | Opaque | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 42 | 40 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.06 x 2.91 x 1.93 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 |
| Q1686PCDCC | 154 x 74 x 49 | Clear | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 42 | 40 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.06 x 2.91 x 1.93 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 |
| Q12126PCD | 116 x 114 x 49 | Opaque | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 42 | 40 | 15 | 98 | 84 | — | 98 | 3 |
| | 4.57 x 4.49 x 1.93 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 1.65 | 1.57 | 0.59 | 3.86 | 3.31 | — | 3.86 | 0.12 |
| Q12126PCDCC | 116 x 114 x 49 | Clear | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 42 | 40 | 15 | 98 | 84 | — | 98 | 3 |
| | 4.57 x 4.49 x 1.93 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 1.65 | 1.57 | 0.59 | 3.86 | 3.31 | — | 3.86 | 0.12 |
| Q20158PCD | 193 x 143 x 69 | Opaque | 200 x 150 | Q2015PD | 170 x 128 | 188 x 120 | 62 | 60 | 15 | 118 | 160 | 118 | 176 | 3 |
| | 7.60 x 5.63 x 2.72 | | 7.87 x 5.91 | | 6.69 x 5.04 | 7.40 x 4.72 | 2.44 | 2.36 | 0.59 | 4.65 | 6.30 | 4.65 | 6.93 | 0.12 |
| Q20158PCDCC | 193 x 143 x 69 | Clear | 200 x 150 | Q2015PD | 170 x 128 | 188 x 120 | 62 | 60 | 15 | 118 | 160 | 118 | 176 | 3 |
| | 7.60 x 5.63 x 2.72 | | 7.87 x 5.91 | | 6.69 x 5.04 | 7.40 x 4.72 | 2.44 | 2.36 | 0.59 | 4.65 | 6.30 | 4.65 | 6.93 | 0.12 |
| Q889PCD | 76 x 74 x 79 | Opaque | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 15 | 58 | 44 | 37 | 58 | 3 |
| | 2.99 x 2.91 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 1.73 | 1.46 | 2.28 | 0.12 |
| Q889PCDCC | 76 x 74 x 79 | Clear | 82 x 80 | Q88PD | 68 x 55 | 70 x 50 | 72 | 70 | 15 | 58 | 44 | 37 | 58 | 3 |
| | 2.99 x 2.91 x 3.11 | | 3.23 x 3.15 | | 2.68 x 2.17 | 2.76 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 1.73 | 1.46 | 2.28 | 0.12 |
| Q1289PCD | 113 x 73 x 79 | Opaque | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 |
| Q1289PCDCC | 113 x 73 x 79 | Clear | 120 x 80 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | 96 | 3 |
| | 4.45 x 2.87 x 3.11 | | 4.72 x 3.15 | | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 3.23 | — | 3.78 | 0.12 |
| Q1689PCD | 153 x 73 x 79 | Opaque | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 |
| Q1689PCDCC | 153 x 73 x 79 | Clear | 160 x 80 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | 136 | 3 |
| | 6.02 x 2.87 x 3.11 | | 6.30 x 3.15 | | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 4.80 | — | 5.35 | 0.12 |
| Q12129PCD | 116 x 114 x 79 | Opaque | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 72 | 70 | 15 | 98 | 84 | 97 | 98 | 3 |
| | 4.57 x 4.49 x 3.11 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 2.83 | 2.76 | 0.59 | 3.86 | 3.31 | 3.82 | 3.86 | 0.12 |
| Q12129PCDCC | 116 x 114 x 79 | Clear | 122 x 120 | Q1212PD | 105 x 93 | 110 x 90 | 72 | 70 | 15 | 98 | 84 | 97 | 98 | 3 |
| | 4.57 x 4.49 x 3.11 | | 4.80 x 4.72 | | 4.13 x 3.66 | 4.33 x 3.54 | 2.83 | 2.76 | 0.59 | 3.86 | 3.31 | 3.82 | 3.86 | 0.12 |
| Q20129PCD | 193 x 113 x 79 | Opaque | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 0.59 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 |
| Q20129PCDCC | 193 x 113 x 79 | Clear | 200 x 120 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 |
| | 7.60 x 4.45 x 3.11 | | 7.87 x 4.72 | | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 0.59 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 |
| Q30239PCD | 293 x 223 x 79 | Opaque | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 73 | 55 | 30 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 3.11 | | 11.81 x 9.05 | | 10.43 x 8.27 | 11.34 x 7.87 | 2.87 | 2.17 | 1.18 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 |
| Q30239PCDCC | 293 x 223 x 79 | Clear | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 73 | 55 | 30 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 3.11 | | 11.81 x 9.05 | | 10.43 x 8.27 | 11.34 x 7.87 | 2.87 | 2.17 | 1.18 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 |
| Q16129PCD | 153 x 113 x 84 | Opaque | 160 x 120 | Q1612PD | 130 x 100 | 148 x 90 | 78 | 60 | 30 | 90 | 120 | — | 136 | 3 |
| | 6.02 x 4.45 x 3.31 | | 6.30 x 4.72 | | 5.12 x 3.94 | 5.83 x 3.54 | 3.07 | 2.36 | 1.18 | 3.54 | 4.72 | — | 5.35 | 0.12 |
| Q16129PCDCC | 153 x 113 x 84 | Clear | 160 x 120 | Q1612PD | 130 x 100 | 148 x 90 | 78 | 60 | 30 | 90 | 120 | — | 136 | 3 |
| | 6.02 x 4.45 x 3.31 | | 6.30 x 4.72 | | 5.12 x 3.94 | 5.83 x 3.54 | 3.07 | 2.36 | 1.18 | 3.54 | 4.72 | — | 5.35 | 0.12 |
| Q24169PCD | 233 x 153 x 84 | Opaque | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 15 | 138 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 3.31 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 3.07 | 2.95 | 0.59 | 5.43 | 7.95 | 2.95 | 8.46 | 0.16 |
| Q24169PCDCC | 233 x 153 x 84 | Clear | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 78 | 75 | 15 | 138 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 3.31 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 3.07 | 2.95 | 0.59 | 5.43 | 7.95 | 2.95 | 8.46 | 0.16 |
| Q302311PCD | 293 x 223 x 104 | Opaque | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 98 | 55 | 55 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 4.09 | | 11.81 x 9.06 | | 10.43 x 8.27 | 11.34 x 7.87 | 3.86 | 2.17 | 2.17 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 |
| Q302311PCDCC | 293 x 223 x 104 | Clear | 300 x 230 | Q3023PD | 265 x 210 | 288 x 200 | 98 | 55 | 55 | 198 | 255 | 160 | 275 | 4 |
| | 11.54 x 8.78 x 4.09 | | 11.81 x 9.06 | | 10.43 x 8.27 | 11.34 x 7.87 | 3.86 | 2.17 | 2.17 | 7.80 | 10.04 | 6.30 | 10.83 | 0.16 |
| Q241612PCD | 233 x 153 x 114 | Opaque | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 108 | 75 | 45 | 75 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 4.49 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 4.25 | 2.95 | 1.77 | 2.95 | 7.95 | 2.95 | 8.46 | 0.16 |
| Q241612PCDCC | 233 x 153 x 114 | Clear | 240 x 160 | Q2416PD | 211 x 148 | 228 x 130 | 108 | 75 | 45 | 75 | 202 | 75 | 215 | 4 |
| | 9.17 x 6.02 x 4.49 | | 9.45 x 6.30 | | 8.31 x 5.83 | 8.98 x 5.12 | 4.25 | 2.95 | 1.77 | 2.95 | 7.95 | 2.95 | 8.46 | 0.16 |

A x B x C are internal dimensions.

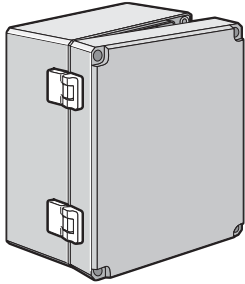
Purchase panels separately.

QLINE® D



QLINE® D

Hinge Kit

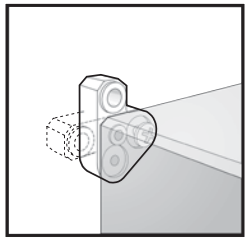


Hinge Kit includes two polyamide hinges, eight M4 self-tapping, plated screws, eight flat washers and drilling templates. Use on all QLINE® D enclosures. *Hinge Kit meets Type 4 requirements.*

Bulletin: Q41Y

| |
|----------------|
| Catalog Number |
| QDEHK |

Mounting Bracket Kit

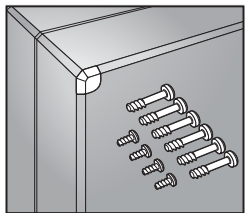


Mounting Bracket Kit has four polycarbonate brackets and four M4 self-tapping, plated screws. Kit is field-installable. Use on all QLINE® D enclosures. Maintains listed ratings for enclosure.

Bulletin: Q41Y

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|----------------|
| Catalog Number |
| QDMFK |

Hardware Kit

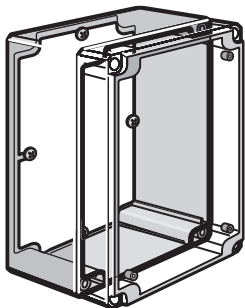


Hardware Kit includes six self-tapping, stainless steel cover screws, four self-tapping plated panel screws and six removable plastic caps that fit over the screws to provide tamper resistance as well as a clean aesthetic appearance. This kit is offered as a replacement kit for lost or damaged hardware originally furnished with the enclosure.

Bulletin: Q41Y

| |
|----------------|
| Catalog Number |
| QDHHK |

Panels



Bulletin: Q41Y

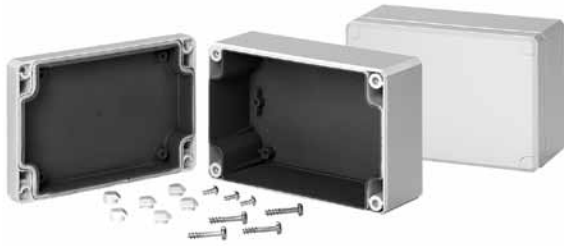
| Catalog Number | Panel Size D x E mm/in. | Mounting G x H mm/in. |
|----------------|-------------------------------|-----------------------------|
| Q88PD | 68 x 55 2.68 x 2.17 | 70 x 50 2.76 x 1.97 |
| Q128PD | 91 x 65 3.58 x 2.56 | 108 x 50 4.25 x 1.97 |
| Q168PD | 131 x 65 5.16 x 2.56 | 148 x 50 5.83 x 1.97 |
| Q1212PD | 105 x 93 4.13 x 3.66 | 110 x 90 4.33 x 3.54 |
| Q1612PD | 130 x 100 5.12 x 3.94 | 148 x 90 5.83 x 3.54 |
| Q2012PD | 170 x 100 6.69 x 3.94 | 188 x 90 7.40 x 3.54 |
| Q2015PD | 170 x 128 6.69 x 5.04 | 188 x 120 7.40 x 4.72 |
| Q2416PD | 211 x 148 8.31 x 5.83 | 228 x 130 8.98 x 5.12 |
| Q3023PD | 265 x 210 10.43 x 8.27 | 288 x 200 11.34 x 7.87 |

QLINE® D

Notes

QLINE® D

QLINE® D, EMC, Type 4X



Application

QLINE® D polycarbonate EMC enclosures have contoured bodies and flush cover screws for an attractive, contemporary appearance while also providing EMC protection in corrosive environments.

Specifications

- Body is impact-resistant polycarbonate
- EMC conductive coating in base and cover
- Gasket of silver/silicone
- Mounting holes molded directly under cover screws
- Cross-point captivated cover screws are stainless steel
- Mounting tracks along body side walls and bosses on cover for PC card installation
- Cover screws protected by removable caps that are both aesthetic and provide tamper resistance
- Molded internal pads for mounting optional panels, rails and other components
- Screws provided for mounting optional panel

Industry Standards

UL 508A Listed; Type 4, 4X, 12, 13
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Finish

Enclosure material is RAL 7035 light-gray outside. Optional panels are conductive steel.

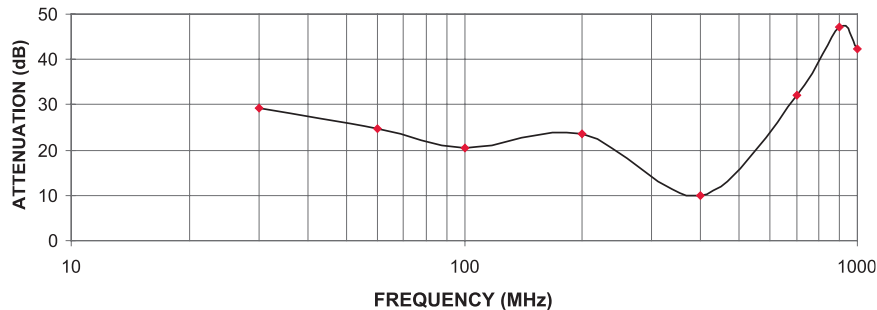
Bulletin: Q41EM

Standard Product

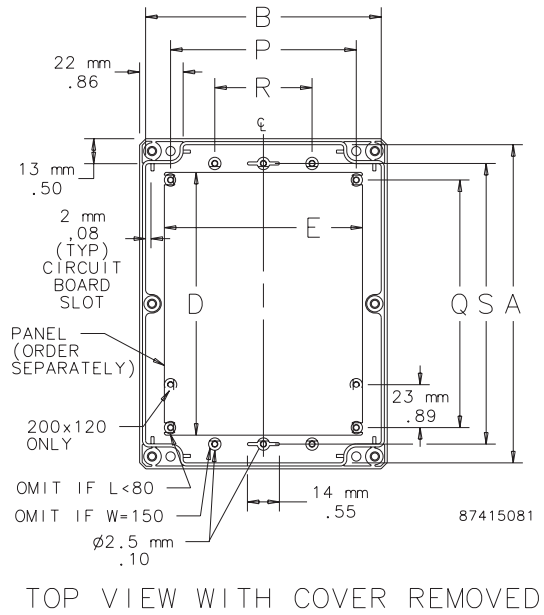
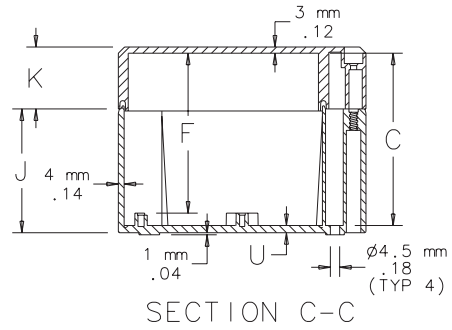
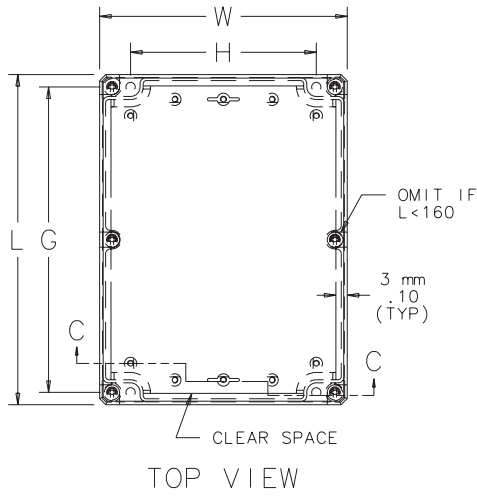
| Catalog Number | External Dimensions | | Internal Dimensions | | Panel | Panel Size | | Mounting | | | | | | | |
|----------------|---------------------|-------------|---------------------|--------------|-------------|-------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | AxBxC mm/in. | LxW mm/in. | AxBxC mm/in. | AxBxC mm/in. | | DxE mm/in. | GxH mm/in. | F mm/in. | J mm/in. | K mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | U mm/in. |
| Q1286PCEMC | 120 x 80 x 55 | 120 x 80 | 114 x 74 x 49 | Q128PD | 91 x 65 | 108 x 50 | 42 | 40 | 15 | 58 | 82 | — | 96 | 3 | |
| | 4.70 x 3.10 x 2.20 | 4.72 x 3.15 | 4.47 x 2.89 x 1.93 | Q128PD | 3.58 x 2.56 | 4.25 x 1.97 | 1.65 | 1.57 | 0.59 | 2.28 | 3.21 | — | 3.78 | 0.12 | |
| Q1289PCEMC | 120 x 80 x 85 | 120 x 80 | 113 x 73 x 79 | Q128PD | 91 x 65 | 108 x 50 | 72 | 70 | 15 | 58 | 82 | — | 96 | 3 | |
| | 4.70 x 3.10 x 3.30 | 4.72 x 3.15 | 4.45 x 2.87 x 3.11 | Q128PD | 3.58 x 2.56 | 4.25 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 3.21 | — | 3.78 | 0.12 | |
| Q16129PCEMC | 160 x 120 x 90 | 160 x 120 | 153 x 113 x 84 | Q1612PD | 130 x 100 | 148 x 90 | 77.5 | 60 | 30 | 90 | 120 | — | 136 | 3 | |
| | 6.30 x 4.70 x 3.50 | 6.30 x 4.72 | 6.02 x 4.45 x 3.29 | Q1612PD | 5.12 x 3.94 | 5.83 x 3.54 | 3.05 | 2.36 | 1.18 | 3.54 | 4.72 | — | 5.35 | 0.12 | |
| Q1689PCEMC | 160 x 80 x 85 | 160 x 80 | 153 x 73 x 79 | Q168PD | 131 x 65 | 148 x 50 | 72 | 70 | 15 | 58 | 122 | — | 136 | 3 | |
| | 6.30 x 3.10 x 3.30 | 6.30 x 3.15 | 6.02 x 2.87 x 3.11 | Q168PD | 5.16 x 2.56 | 5.83 x 1.97 | 2.83 | 2.76 | 0.59 | 2.28 | 4.78 | — | 5.35 | 0.12 | |
| Q20129PCEMC | 200 x 120 x 85 | 200 x 120 | 193 x 113 x 79 | Q2012PD | 170 x 100 | 188 x 90 | 72 | 70 | 15 | 90 | 160 | 40 | 176 | 3 | |
| | 7.90 x 4.70 x 3.30 | 7.87 x 4.72 | 7.60 x 4.45 x 3.11 | Q2012PD | 6.69 x 3.94 | 7.40 x 3.54 | 2.83 | 2.76 | 0.59 | 3.54 | 6.30 | 1.57 | 6.93 | 0.12 | |
| Q24169PCEMC | 240 x 160 x 90 | 240 x 160 | 233 x 153 x 84 | Q2416PD | 211 x 148 | 228 x 130 | 77.5 | 75 | 15 | 138 | 202 | 75 | 215 | 3.5 | |
| | 9.40 x 6.30 x 3.50 | 9.45 x 6.30 | 9.17 x 6.02 x 3.29 | Q2416PD | 8.31 x 5.83 | 8.98 x 5.12 | 3.05 | 2.95 | 0.59 | 5.43 | 7.93 | 2.95 | 8.46 | 0.14 | |

Purchase panels separately.

Q1286PCEMC QLINE® D Enclosure Shielding Effectiveness



QLINE® D



QLINE® E
QLINE® E, Type 4X

Industry Standards
Polycarbonate Enclosure

UL 508A Listed; Type 4, 4X, 6, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 6, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 CSA File No. 42186: Type 4, 4X, 12, 13
 IEC 60529, IP67

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 6, 12, 13
 IEC 60529, IP67

Application

QLINE® E Enclosures house larger controls, provide additional size-range options and offer greater internal mounting flexibility than smaller QLINE products. Featuring contoured bodies with flush cover screws, they are functional in corrosive environments and can withstand occasional submersion.

The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

Specifications

- Body is impact-resistant polycarbonate for PCE series and ABS for ABE series
- Opaque and clear covers are impact-resistant polycarbonate for PCE, opaque covers are ABS for ABE series
- Polycarbonate and ABS material is easily punched, drilled, filed or sawed
- Cross-point flush cover screws are strong, durable polyamide
- Cover includes a molded-in wire lead hole
- Mounting tracks along body side walls for PC card installation
- Molded internal pads for mounting optional panels, rails and other components
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Material is halogen free

Finish

Polycarbonate and ABS enclosure material is RAL 7035 light-gray inside and out. Optional panels are plated steel.

Accessories

See also Accessories.
 Brass Inserts
 Hardware Kit
 Hinge Kit
 HOL-SEALERS™ Non-Metallic Hole Seals
 Mounting Bracket Kit

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: Q41

Standard Product Polycarbonate

| Catalog Number | AxBxC mm/in. | Cover Style | External Dimensions | | Panel | Panel Size D x E mm/in. | Mounting G x H mm/in. | F mm/in. | K mm/in. | P mm/in. | Q mm/in. | S mm/in. |
|----------------|--------------------|-------------|---------------------|-------------|---------|-------------------------|-----------------------|----------|----------|----------|----------|----------|
| | | | L x W mm/in. | | | | | | | | | |
| Q1388PCE | 119 x 69 x 67 | Opaque | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 2.40 | 0.98 | 1.57 | 2.95 | 3.54 | |
| Q1388PCECC | 119 x 69 x 67 | Clear | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 2.40 | 0.98 | 1.57 | 2.95 | 3.54 | |
| Q13138PCE | 119 x 119 x 67 | Opaque | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 2.40 | 0.98 | 3.54 | 2.95 | 3.54 | |
| Q13138PCECC | 119 x 119 x 67 | Clear | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 2.40 | 0.98 | 3.54 | 2.95 | 3.54 | |
| Q18138PCE | 169 x 119 x 67 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 2.40 | 0.98 | 3.54 | 3.94 | 5.51 | |
| Q18138PCECC | 169 x 119 x 67 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 2.40 | 0.98 | 3.54 | 3.94 | 5.51 | |
| Q18188PCE | 169 x 169 x 67 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 2.40 | 0.98 | 5.51 | 4.92 | 5.51 | |
| Q18188PCECC | 169 x 169 x 67 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 2.40 | 0.98 | 5.51 | 4.92 | 5.51 | |
| Q25188PCE | 244 x 169 x 67 | Opaque | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 2.40 | 0.98 | 5.47 | 7.95 | 8.46 | |
| Q25188PCECC | 244 x 169 x 67 | Clear | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 2.40 | 0.98 | 5.47 | 7.95 | 8.46 | |
| Q13810PCE | 119 x 69 x 92 | Opaque | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 | |
| Q13810PCECC | 119 x 69 x 92 | Clear | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 | |
| Q131310PCE | 119 x 119 x 92 | Opaque | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 | |
| Q131310PCECC | 119 x 119 x 92 | Clear | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 | |
| Q181310PCE | 169 x 119 x 92 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 | |
| Q181310PCECC | 169 x 119 x 92 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 | |
| Q181810PCE | 169 x 169 x 92 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 | |
| Q181810PCECC | 169 x 169 x 92 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 | |
| Q251810PCE | 244 x 169 x 92 | Opaque | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 | |
| Q251810PCECC | 244 x 169 x 92 | Clear | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 | |
| Q13813PCE | 119 x 69 x 117 | Opaque | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 | |
| Q13813PCECC | 119 x 69 x 117 | Clear | 125 x 75 | | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | 3.86 x 1.89 | | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 | |
| Q131313PCE | 119 x 119 x 117 | Opaque | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 | |
| Q131313PCECC | 119 x 119 x 117 | Clear | 125 x 125 | | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | 3.86 x 3.86 | | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 | |
| Q181313PCE | 169 x 119 x 117 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 | |
| Q181313PCECC | 169 x 119 x 117 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 | |
| Q181813PCE | 169 x 169 x 117 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 | |
| Q181813PCECC | 169 x 169 x 117 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 | |
| Q181315PCE | 169 x 119 x 142 | Opaque | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 | |
| Q181315PCECC | 169 x 119 x 142 | Clear | 175 x 125 | | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | 5.83 x 3.86 | | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 | |
| Q181815PCE | 169 x 169 x 142 | Opaque | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 | |
| Q181815PCECC | 169 x 169 x 142 | Clear | 175 x 175 | | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | 5.83 x 5.83 | | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 | |
| Q251815PCE | 244 x 169 x 142 | Opaque | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 | |
| Q251815PCECC | 244 x 169 x 142 | Clear | 250 x 175 | | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | 8.78 x 5.83 | | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 | |

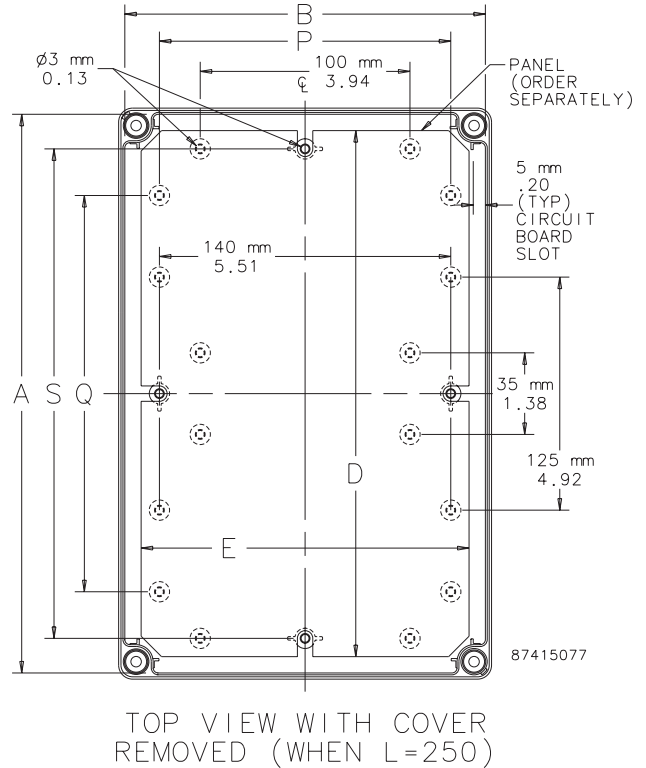
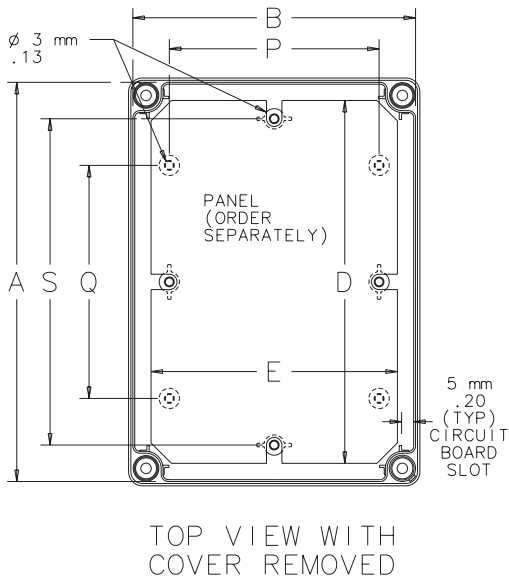
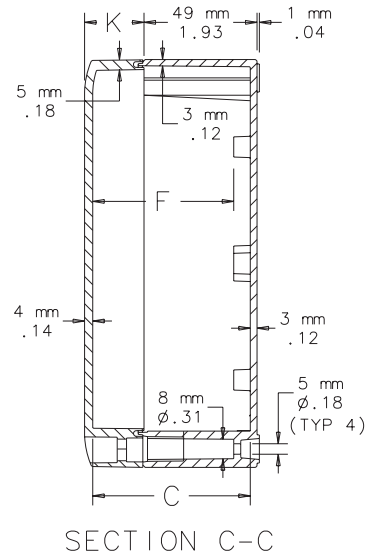
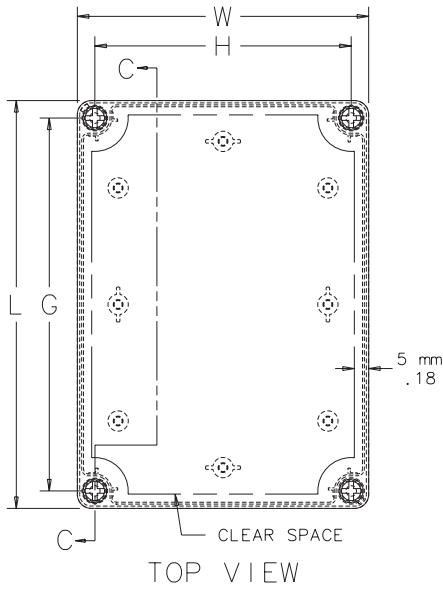
A x B x C are internal dimensions.

Purchase panels separately.

QLINE® E
Standard Product ABS

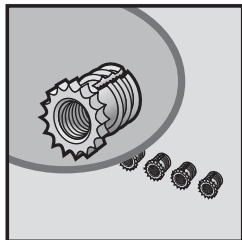
| Catalog Number | AxBxC mm/in. | Cover Style | External Dimensions L x W mm/in. | Panel | Panel Size D x E mm/in. | Mounting G x H mm/in. | F mm/in. | K mm/in. | P mm/in. | Q mm/in. | S mm/in. |
|----------------|--------------------|-------------|----------------------------------|---------|-------------------------|-----------------------|----------|----------|----------|----------|----------|
| Q1388ABE | 119 x 69 x 67 | Opaque | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 2.40 | .98 | 1.57 | 2.95 | 3.54 |
| Q1388ABECC | 119 x 69 x 67 | Clear | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 2.64 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 2.40 | .98 | 1.57 | 2.95 | 3.54 |
| Q13138ABE | 119 x 119 x 67 | Opaque | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 2.40 | .98 | 3.54 | 2.95 | 3.54 |
| Q13138ABECC | 119 x 119 x 67 | Clear | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 2.64 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 2.40 | .98 | 3.54 | 2.95 | 3.54 |
| Q18138ABE | 169 x 119 x 67 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 2.40 | .98 | 3.54 | 3.94 | 5.51 |
| Q18138ABECC | 169 x 119 x 67 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 2.64 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 2.40 | .98 | 3.54 | 3.94 | 5.51 |
| Q18188ABE | 169 x 169 x 67 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 2.40 | .98 | 5.51 | 4.92 | 5.51 |
| Q18188ABECC | 169 x 169 x 67 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 2.64 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 2.40 | .98 | 5.51 | 4.92 | 5.51 |
| Q25188ABE | 244 x 169 x 67 | Opaque | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 2.40 | .98 | 5.47 | 7.95 | 8.46 |
| Q25188ABECC | 244 x 169 x 67 | Clear | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 61 | 25 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 2.64 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 2.40 | .98 | 5.47 | 7.95 | 8.46 |
| Q13810ABE | 119 x 69 x 92 | Opaque | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 |
| Q13810ABECC | 119 x 69 x 92 | Clear | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 86 | 50 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 3.62 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 3.39 | 1.97 | 1.57 | 2.95 | 3.54 |
| Q131310ABE | 119 x 119 x 92 | Opaque | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 |
| Q131310ABECC | 119 x 119 x 92 | Clear | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 86 | 50 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 3.62 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 3.39 | 1.97 | 3.54 | 2.95 | 3.54 |
| Q181310ABE | 169 x 119 x 92 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 |
| Q181310ABECC | 169 x 119 x 92 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 3.62 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 3.39 | 1.97 | 3.54 | 3.94 | 5.51 |
| Q181810ABE | 169 x 169 x 92 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 |
| Q181810ABECC | 169 x 169 x 92 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 86 | 50 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 3.62 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 3.39 | 1.97 | 5.51 | 4.92 | 5.51 |
| Q251810ABE | 244 x 169 x 92 | Opaque | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 |
| Q251810ABECC | 244 x 169 x 92 | Clear | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 86 | 50 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 3.62 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 3.39 | 1.97 | 5.47 | 7.95 | 8.46 |
| Q13813ABE | 119 x 69 x 117 | Opaque | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 |
| Q13813ABECC | 119 x 69 x 117 | Clear | 125 x 75 | Q138PE | 98 x 48 | 110 x 60 | 111 | 75 | 40 | 75 | 90 |
| | 4.69 x 2.72 x 4.61 | | 4.92 x 2.95 | | 3.86 x 1.89 | 4.33 x 2.36 | 4.37 | 2.95 | 1.57 | 2.95 | 3.54 |
| Q131313ABE | 119 x 119 x 117 | Opaque | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 |
| Q131313ABECC | 119 x 119 x 117 | Clear | 125 x 125 | Q1313PE | 98 x 98 | 110 x 110 | 111 | 75 | 90 | 75 | 90 |
| | 4.69 x 4.69 x 4.61 | | 4.92 x 4.92 | | 3.86 x 3.86 | 4.33 x 4.33 | 4.37 | 2.95 | 3.54 | 2.95 | 3.54 |
| Q181313ABE | 169 x 119 x 117 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 |
| Q181313ABECC | 169 x 119 x 117 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 111 | 75 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 4.61 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 4.37 | 2.95 | 3.54 | 3.94 | 5.51 |
| Q181813ABE | 169 x 169 x 117 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 |
| Q181813ABECC | 169 x 169 x 117 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 111 | 75 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 4.61 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 4.37 | 2.95 | 5.51 | 4.92 | 5.51 |
| Q181315ABE | 169 x 119 x 142 | Opaque | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 |
| Q181315ABECC | 169 x 119 x 142 | Clear | 175 x 125 | Q1813PE | 148 x 98 | 160 x 110 | 136 | 100 | 90 | 100 | 140 |
| | 6.65 x 4.69 x 5.59 | | 6.89 x 4.92 | | 5.83 x 3.86 | 6.30 x 4.33 | 5.35 | 3.94 | 3.54 | 3.94 | 5.51 |
| Q181815ABE | 169 x 169 x 142 | Opaque | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 |
| Q181815ABECC | 169 x 169 x 142 | Clear | 175 x 175 | Q1818PE | 148 x 148 | 160 x 160 | 136 | 100 | 140 | 125 | 140 |
| | 6.65 x 6.65 x 5.59 | | 6.89 x 6.89 | | 5.83 x 5.83 | 6.30 x 6.30 | 5.35 | 3.94 | 5.51 | 4.92 | 5.51 |
| Q251815ABE | 244 x 169 x 142 | Opaque | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 |
| Q251815ABECC | 244 x 169 x 142 | Clear | 250 x 175 | Q2518PE | 223 x 148 | 235 x 160 | 136 | 100 | 139 | 202 | 215 |
| | 9.61 x 6.65 x 5.59 | | 9.84 x 6.89 | | 8.78 x 5.83 | 9.25 x 6.30 | 5.35 | 3.94 | 5.47 | 7.95 | 8.46 |

QLINE® E



QLINE® E

Brass Inserts

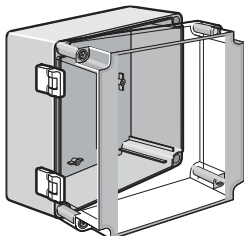


Self-tapping Brass Inserts fit into molded pads in the bottom of the enclosure. Inserts have an M2 internal machine screw thread and M4 self-tapping external thread.

Bulletin: Q41Y

| Catalog Number | Description | Qty. Pkg. |
|----------------|-------------------|-----------|
| QEBI | M2 thread inserts | 4 |

Hinge Kit



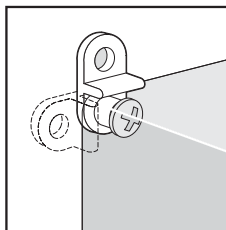
Includes two polyamid hinges, eight M4 self-tapping zinc-plated screws, eight flat washers and drilling template. Use on all QLINE® E enclosures.

Kit might not meet Type 4 requirements and should, therefore, be verified by customer.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QDEHK |

Mounting Bracket Kit

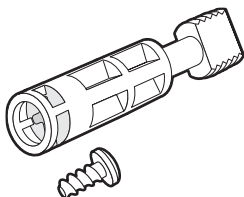


Kit includes four polycarbonate brackets and four M4 self-tapping, plated screws. Use on all QLINE® E enclosures. No modification to the enclosure is required for installation. Maintains listed ratings.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QEMFK |

Hardware Kit

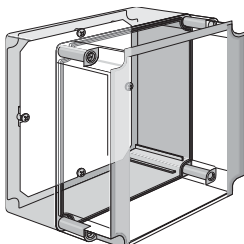


Four cross-point polyamide cover screws and four self-tapping plated screws used to mount optional panels, rails and other components. This kit is offered as a replacement kit for lost or damaged hardware originally furnished with the enclosure.

Bulletin: Q41Y

| Catalog Number | Description | Fits QLINE Enclosure |
|----------------|-------------|----------------------------------|
| QEHK35 | 35-mm screw | when C = 67 mm, 117 mm or 142 mm |
| QEHK60 | 60-mm screw | when C = 92 mm |

Panels



Bulletin: Q41Y

| Catalog Number | Panel Size D x E mm/in. |
|----------------|----------------------------|
| Q138PE | 98 x 48 3.86 x 1.89 |
| Q1313PE | 98 x 98 3.86 x 3.86 |
| Q1813PE | 148 x 98 5.83 x 3.86 |
| Q1818PE | 148 x 148 5.83 x 5.83 |
| Q2518PE | 223 x 148 8.78 x 5.83 |



QLINE® E

Notes

QLINE® E
QLINE® E, EMC, Type 4X

Application

Medium-size QLINE® E polycarbonate EMC enclosures have contoured bodies and flush cover screws for an attractive, contemporary appearance while also providing EMC protection in corrosive environments.

Specifications

- Body is impact-resistant polycarbonate
- EMC conductive coating in base and cover
- Gasket of silver/silicone
- Mounting holes molded directly under cover screws
- Screws provided for mounting optional panel
- Polycarbonate material is easily punched, drilled, filed or sawed
- Cross-point flush cover screws are strong, durable polyamide
- Mounting tracks along body side walls for PC card installation
- Molded internal pads for mounting optional panels, rails and other components

Finish

Enclosure material is RAL 7035 light-gray outside. Optional panels are conductive steel.

Bulletin: Q41EM

Industry Standards

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94: Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

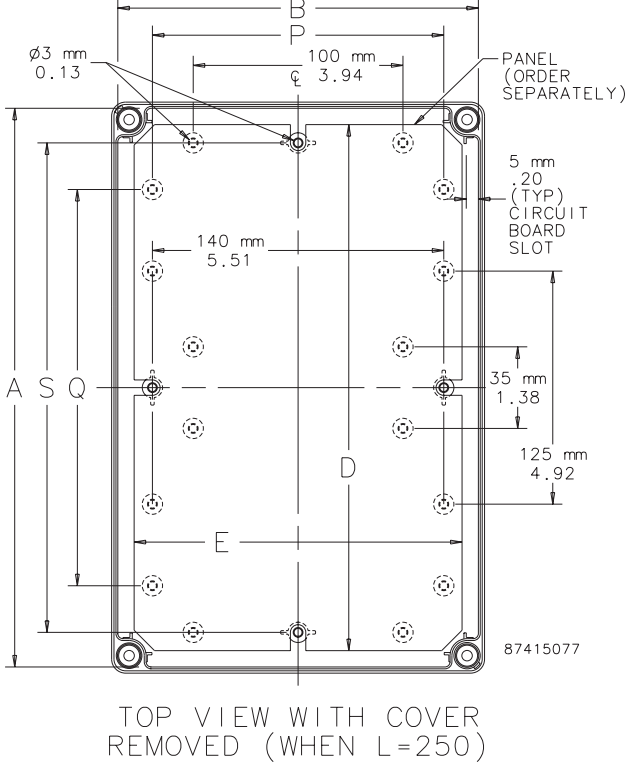
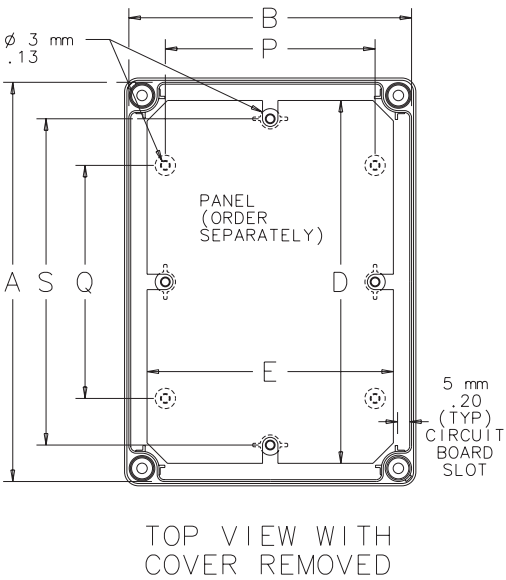
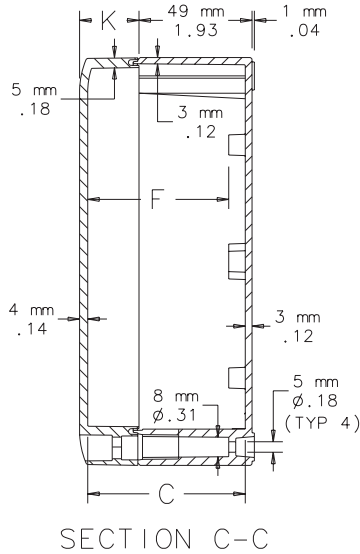
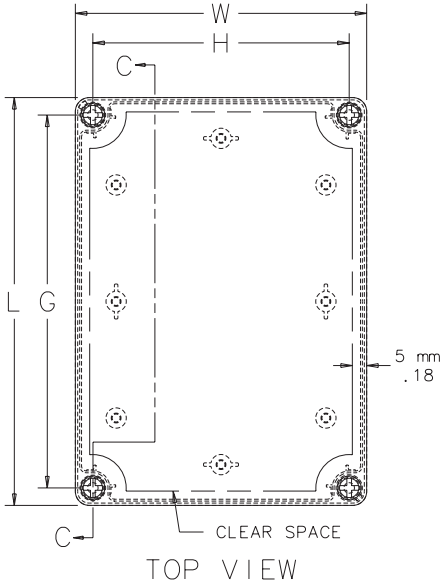
NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Standard Product

| Catalog Number | External Dimensions | | Internal Dimensions | | Panel | Panel Size | | Mounting | | | | | | | |
|----------------|---------------------|--------------|---------------------|--------------|-------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|--|
| | AxBxC mm/in. | L x W mm/in. | A x B x C mm/in. | D x E mm/in. | | G x H mm/in. | F mm/in. | K mm/in. | P mm/in. | Q mm/in. | S mm/in. | T mm/in. | W mm/in. | X mm/in. | |
| Q1388PCEMC | 125 x 75 x 74 | 125 x 75 | 119 x 69 x 67 | Q138PE | 98 x 48 | 110 x 60 | 61 | 25 | 40 | 75 | 90 | — | — | — | |
| | 4.90 x 3.00 x 2.90 | 4.92 x 2.95 | 4.67 x 2.70 x 2.65 | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 | — | — | — | |
| Q13138PCEMC | 125 x 125 x 74 | 125 x 125 | 119x 119 x 67 | Q1313PE | 98 x 98 | 110 x 110 | 61 | 25 | 90 | 75 | 90 | — | 23 | — | |
| | 4.90 x 4.90 x 2.90 | 4.92 x 4.92 | 4.67 x 4.67 x 2.65 | Q1313PE | 98 x 98 | 110 x 110 | 86 | 25 | 90 | 75 | 90 | — | 23 | — | |
| Q131310PCEMC | 125 x 125 x 99 | 125 x 125 | 119 x 119 x 92 | Q1313PE | 98 x 98 | 110 x 110 | 86 | 25 | 90 | 75 | 90 | — | 23 | — | |
| | 4.90 x 4.90 x 3.90 | 4.92 x 4.92 | 4.67 x 4.67 x 3.64 | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 | 15 | 23 | — | |
| Q18138PCEMC | 175 x 125 x 74 | 175 x 125 | 169 x 119 x 67 | Q1813PE | 148 x 98 | 160 x 110 | 61 | 25 | 90 | 100 | 140 | 15 | 23 | — | |
| | 6.90 x 4.90 x 2.90 | 6.89 x 4.92 | 6.63 x 4.67 x 2.65 | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 | 15 | 23 | — | |
| Q181310PCEMC | 175 x 125 x 99 | 175 x 125 | 169 x 119 x 92 | Q1813PE | 148 x 98 | 160 x 110 | 86 | 50 | 90 | 100 | 140 | 15 | 23 | — | |
| | 6.90 x 4.90 x 3.90 | 6.89 x 4.92 | 6.63 x 4.67 x 3.64 | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 | — | 15 | 35 | |
| Q18188PCEMC | 175 x 175 x 74 | 175 x 175 | 169 x 169 x 67 | Q1818PE | 148 x 148 | 160 x 160 | 61 | 25 | 140 | 125 | 140 | — | 15 | 35 | |
| | 6.90 x 6.90 x 2.90 | 6.89 x 6.89 | 6.63 x 6.63 x 2.65 | | 5.83 x 5.83 | 6.30 x 6.30 | 2.38 | 0.98 | 5.51 | 4.92 | 5.51 | — | 0.59 | 1.38 | |

Purchase panels separately.

QLINE® E



QLINE® I

QLINE® I, Type 4X



Industry Standards

Polycarbonate Enclosure

| |
|--|
| UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997 Enclosure flammability evaluated per UL 508A |
|--|

NEMA/EEMAC Type 4, 4X, 12, 13
 CSA File No. 42186: Type 4, 4X, 12, 13
 IEC 60529, IP66

ABS Enclosure

NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Application

The largest-sized QLINE® enclosure, QLINE I provides easy access and protects larger controls from corrosive environments. Choose from screw cover, hinge, internal mounting, variable depth and quick-release latch options to meet your design and security requirements. The ABS series shares the same features and similar physical properties as the polycarbonate but is a more economical, non-UL rated alternative.

Specifications

- Body is impact-resistant polycarbonate for PCI series and ABS for ABI series
- Opaque and clear covers are impact-resistant polycarbonate for PCI; opaque covers are ABS for ABI series
- Polycarbonate and ABS material is easily punched, drilled, filed or sawed
- Mounting holes molded directly under cover screws
- Molded internal pads for mounting optional panels, rails and other components
- Molded internal rails for mounting adjustable-depth panel kit
- Screws provided for mounting optional panel
- Optional extension rings are molded polycarbonate
- Cover includes a molded-in hole for wire lead
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Material is halogen free

Screw Cover Enclosures have easy-to-remove covers attached to body with strong, durable polyamide cross-point cover screws.

Enclosures with Quick-Release Latches have polycarbonate hinges and polyester latches with a padlock provision.

Finish

Polycarbonate and ABS enclosure material is RAL 7035 light-gray inside and out. Optional panels are plated steel.

Accessories

See also *Accessories*.

Brass Insert Kit
 Cover Screw Kit
 Extension Rings
 Hardware Kit
 H2OMIT® Vent Drains, Type 4X
 Hinge Kit
 HOL-SEALERS™ Non-Metallic Hole Seals
 Mounting Bracket Kit
 Panel Depth Fitting

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: Q41

QLINE® I

| Catalog Number | Ax B x C mm/in. | Cover Style | Cover Fastener | External Dim's | | Panel Size | | Extension Ring | Mounting | | | | | | | | |
|-----------------|----------------------|-------------|----------------|----------------|---------|---------------|--------------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | | | | L x W mm/in. | Panel | D x E mm/in. | G x H mm/in. | | F mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | T mm/in. | U mm/in. | Y mm/in. | Z mm/in. |
| Q403013PCIQRCCR | 388 x 288 x 123 | Clear | QR | 400 x 300 | Q4030PI | 360 x 260 | — | 380 x 280 | 115 | 250 | 350 | 240 | 340 | 220 | 310 | 200 | 300 |
| | 15.28 x 11.34 x 4.84 | | Latch | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 4.53 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 | 7.87 | 11.81 |
| Q603013PCIQRRR | 588 x 288 x 123 | Opaque | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 115 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.34 x 4.84 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 4.53 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q603013PCIQRCCR | 588 x 288 x 123 | Clear | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 115 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.34 x 4.84 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 4.53 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q604013PCIQRRR | 588 x 388 x 123 | Opaque | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 115 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 4.84 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 4.53 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 | 11.81 | 19.69 |
| Q604013PCIQRCCR | 588 x 388 x 123 | Clear | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 115 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 4.84 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 4.53 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 | 11.81 | 19.69 |
| Q202018PCIQRRR | 188 x 188 x 173 | Opaque | QR | 200 x 200 | Q2020PI | 160 x 160 | — | 180 x 180 | 115 | 150 | 150 | 140 | 140 | 120 | 110 | 100 | 100 |
| | 7.40 x 7.40 x 6.81 | | Latch | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 6.50 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 | 3.94 | 3.94 |
| Q202018PCIQRCCR | 188 x 188 x 173 | Clear | QR | 200 x 200 | Q2020PI | 160 x 160 | — | 180 x 180 | 165 | 150 | 150 | 140 | 140 | 120 | 110 | 100 | 100 |
| | 7.40 x 7.40 x 6.81 | | Latch | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 6.50 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 | 3.94 | 3.94 |
| Q302018PCIQRRR | 288 x 188 x 173 | Opaque | QR | 300 x 200 | Q3020PI | 260 x 160 | — | 280 x 180 | 165 | 150 | 250 | 140 | 240 | 120 | 110 | 100 | 200 |
| | 11.34 x 7.40 x 6.81 | | Latch | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 6.50 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 4.33 | 3.94 | 7.87 |
| Q302018PCIQRCCR | 288 x 188 x 173 | Clear | QR | 300 x 200 | Q3020PI | 260 x 160 | — | 280 x 180 | 165 | 150 | 250 | 140 | 240 | 120 | 110 | 100 | 200 |
| | 11.34 x 7.40 x 6.81 | | Latch | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 6.50 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 4.33 | 3.94 | 7.87 |
| Q402018PCIQRRR | 388 x 188 x 173 | Opaque | QR | 400 x 200 | Q4020PI | 360 x 160 | — | 380 x 180 | 165 | 150 | 350 | 140 | 340 | 120 | 310 | 100 | 300 |
| | 15.28 x 7.40 x 6.81 | | Latch | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 6.50 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 | 3.94 | 11.81 |
| Q402018PCIQRCCR | 388 x 188 x 173 | Clear | QR | 400 x 200 | Q4020PI | 360 x 160 | — | 380 x 180 | 165 | 150 | 350 | 140 | 340 | 120 | 310 | 100 | 300 |
| | 15.28 x 7.40 x 6.81 | | Latch | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 6.50 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 | 3.94 | 11.81 |
| Q303018PCIQRRR | 288 x 288 x 173 | Opaque | QR | 300 x 300 | Q3030PI | 260 x 260 | — | 280 x 280 | 165 | 250 | 250 | 240 | 240 | 220 | 210 | 200 | 200 |
| | 11.34 x 11.34 x 6.81 | | Latch | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 6.50 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 | 7.87 | 7.87 |
| Q303018PCIQRCCR | 288 x 288 x 173 | Clear | QR | 300 x 300 | Q3030PI | 260 x 260 | — | 280 x 280 | 165 | 250 | 250 | 240 | 240 | 220 | 210 | 200 | 200 |
| | 11.34 x 11.34 x 6.81 | | Latch | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 6.50 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 | 7.87 | 7.87 |
| Q403018PCIQRRR | 388 x 288 x 173 | Opaque | QR | 400 x 300 | Q4030PI | 360 x 260 | — | 380 x 280 | 165 | 250 | 350 | 240 | 340 | 220 | 310 | 200 | 300 |
| | 15.28 x 11.34 x 6.81 | | Latch | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 6.50 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 | 7.87 | 11.81 |
| Q403018PCIQRCCR | 388 x 288 x 173 | Clear | QR | 400 x 300 | Q4030PI | 360 x 260 | — | 380 x 280 | 165 | 250 | 350 | 240 | 340 | 220 | 310 | 200 | 300 |
| | 15.28 x 11.34 x 6.81 | | Latch | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 6.50 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 | 7.87 | 11.81 |
| Q603018PCIQRRR | 588 x 288 x 173 | Opaque | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 165 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.34 x 6.81 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 6.50 | 9.84 | 21.65 | 9.45 | 21.25 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q603018PCIQRCCR | 588 x 288 x 173 | Clear | QR | 600 x 300 | Q6030PI | 560 x 260 | — | 580 x 280 | 165 | 250 | 550 | 240 | 540 | 220 | 510 | 200 | 500 |
| | 23.15 x 11.37 x 6.81 | | Latch | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 6.50 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 | 7.87 | 19.69 |
| Q604018PCIQRRR | 588 x 388 x 173 | Opaque | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 165 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 6.81 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 6.50 | 13.78 | 21.65 | 13.39 | 21.28 | 12.60 | 20.08 | 11.81 | 19.69 |
| Q604018PCIQRCCR | 588 x 388 x 173 | Clear | QR | 600 x 400 | Q6040PI | 560 x 360 | — | 580 x 380 | 165 | 350 | 550 | 340 | 540 | 320 | 510 | 300 | 500 |
| | 23.15 x 15.28 x 6.81 | | Latch | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 6.50 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 | 11.81 | 19.69 |

A x B x C are internal dimensions.
Purchase panels and extension rings separately.

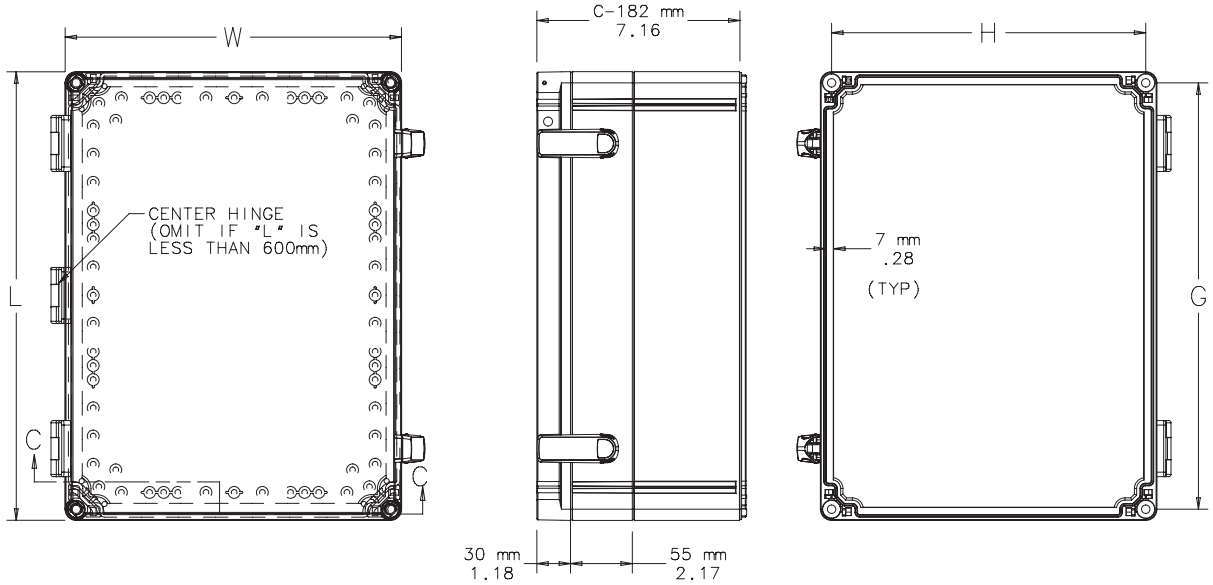
QLINE® I

 Standard Product **ABS, Screw Cover**

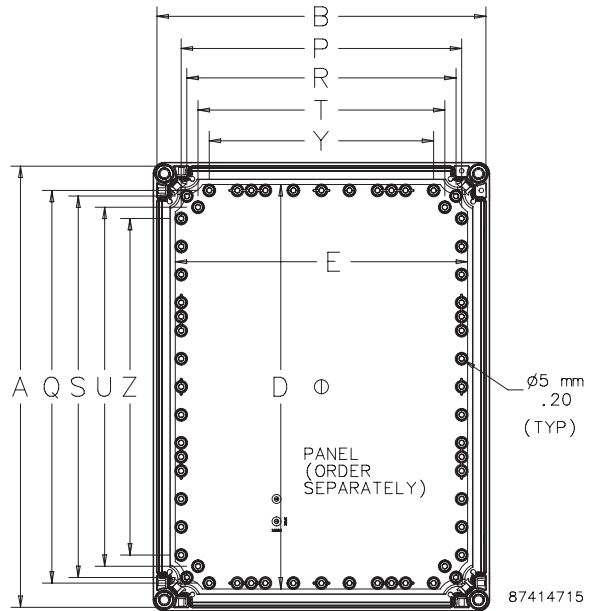
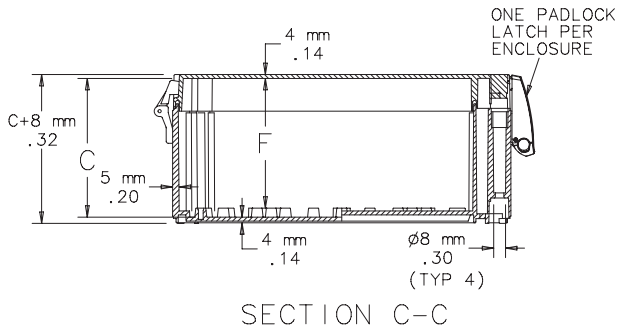
| External Dim's | Cover Style | Panel L x W mm/in. | Panel Size D x E mm/in. | Extension Ring | Mounting G x H mm/in. | F mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | T mm/in. | U mm/in. | Y mm/in. | Z mm/in. |
|---------------------|----------------------|--------------------|-------------------------|----------------|-----------------------|-----------|---------------|----------|----------|----------|----------|----------|----------|----------|
| Q202013ABI | 188 x 188 x 123 | Opaque | 200 x 200 | Q2020PI | 160 x 160 | Q2020EXTI | 180 x 180 | 115 | 150 | 150 | 140 | 120 | 110 | 100 |
| | 7.40 x 7.40 x 4.84 | | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 4.53 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 |
| Q202013ABICC | 188 x 188 x 123 | Clear | 200 x 200 | Q2020PI | 160 x 160 | Q2020EXTI | 180 x 180 | 115 | 150 | 150 | 140 | 120 | 110 | 100 |
| | 7.40 x 7.40 x 4.84 | | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 4.53 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 |
| Q302013ABI | 288 x 188 x 123 | Opaque | 300 x 200 | Q3020PI | 260 x 160 | Q3020EXTI | 280 x 180 | 115 | 150 | 250 | 140 | 240 | 120 | 210 |
| | 11.34 x 7.40 x 4.84 | | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 4.53 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 8.27 |
| Q302013ABICC | 288 x 188 x 123 | Clear | 300 x 200 | Q3020PI | 260 x 160 | Q3020EXTI | 280 x 180 | 115 | 150 | 250 | 140 | 240 | 120 | 210 |
| | 11.34 x 7.40 x 4.84 | | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 4.53 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 8.27 |
| Q402013ABI | 388 x 188 x 123 | Opaque | 400 x 200 | Q4020PI | 360 x 160 | Q4020EXTI | 380 x 180 | 115 | 150 | 350 | 140 | 340 | 120 | 310 |
| | 15.28 x 7.40 x 4.84 | | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 4.53 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 |
| Q402013ABICC | 388 x 188 x 123 | Clear | 400 x 200 | Q4020PI | 360 x 160 | Q4020EXTI | 380 x 180 | 115 | 150 | 350 | 140 | 340 | 120 | 310 |
| | 15.28 x 7.40 x 4.84 | | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 4.53 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 |
| Q303013ABI | 288 x 288 x 123 | Opaque | 300 x 300 | Q3030PI | 260 x 260 | Q3030EXTI | 280 x 280 | 115 | 250 | 250 | 240 | 240 | 220 | 210 |
| | 11.34 x 11.34 x 4.84 | | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 4.53 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 |
| Q303013ABICC | 288 x 288 x 123 | Clear | 300 x 300 | Q3030PI | 260 x 260 | Q3030EXTI | 280 x 280 | 115 | 250 | 250 | 240 | 240 | 220 | 210 |
| | 11.34 x 11.34 x 4.84 | | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 4.53 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 |
| Q403013ABI | 388 x 288 x 123 | Opaque | 400 x 300 | Q4030PI | 360 x 260 | Q4030EXTI | 380 x 280 | 115 | 250 | 350 | 240 | 240 | 220 | 310 |
| | 15.28 x 11.34 x 4.84 | | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 4.53 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 |
| Q403013ABICC | 388 x 288 x 123 | Clear | 400 x 300 | Q4030PI | 360 x 260 | Q4030EXTI | 380 x 280 | 115 | 250 | 350 | 240 | 240 | 220 | 310 |
| | 15.28 x 11.34 x 4.84 | | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 4.53 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 |
| Q603013ABI | 588 x 288 x 123 | Opaque | 600 x 300 | Q6030PI | 560 x 260 | Q6030EXTI | 580 x 280 | 115 | 250 | 550 | 240 | 540 | 220 | 510 |
| | 23.15 x 11.34 x 4.84 | | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 4.53 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 |
| Q603013ABICC | 588 x 288 x 123 | Clear | 600 x 300 | Q6030PI | 560 x 260 | Q6030EXTI | 580 x 280 | 115 | 250 | 550 | 240 | 540 | 220 | 510 |
| | 23.15 x 11.34 x 4.84 | | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 4.53 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 |
| Q604013ABI | 588 x 388 x 123 | Opaque | 600 x 400 | Q6040PI | 560 x 360 | Q6040EXTI | 580 x 380 | 115 | 350 | 550 | 340 | 540 | 320 | 510 |
| | 23.15 x 15.28 x 4.84 | | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 4.53 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 |
| Q604013ABICC | 588 x 388 x 123 | Clear | 600 x 400 | Q6040PI | 560 x 360 | Q6040EXTI | 580 x 380 | 115 | 350 | 550 | 340 | 540 | 320 | 510 |
| | 23.15 x 15.28 x 4.84 | | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 4.53 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 |
| Q202018ABI | 188 x 188 x 173 | Opaque | 200 x 200 | Q2020PI | 160 x 160 | Q2020EXTI | 180 x 180 | 165 | 150 | 150 | 140 | 140 | 120 | 110 |
| | 7.40 x 7.40 x 6.81 | | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 6.50 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 |
| Q202018ABICC | 188 x 188 x 173 | Clear | 200 x 200 | Q2020PI | 160 x 160 | Q2020EXTI | 180 x 180 | 165 | 150 | 150 | 140 | 140 | 120 | 110 |
| | 7.40 x 7.40 x 6.81 | | 7.87 x 7.87 | | 6.30 x 6.30 | | 7.09 x 7.09 | 6.50 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 |
| Q302018ABI | 288 x 188 x 173 | Opaque | 300 x 200 | Q3020PI | 260 x 160 | Q3020EXTI | 280 x 180 | 165 | 150 | 250 | 140 | 240 | 120 | 110 |
| | 11.34 x 7.40 x 6.81 | | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 6.50 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 4.33 |
| Q302018ABICC | 288 x 188 x 173 | Clear | 300 x 200 | Q3020PI | 260 x 160 | Q3020EXTI | 280 x 180 | 165 | 150 | 250 | 140 | 240 | 120 | 110 |
| | 11.34 x 7.40 x 6.81 | | 11.81 x 7.87 | | 10.24 x 6.30 | | 11.02 x 7.09 | 6.50 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 4.33 |
| Q402018ABI | 388 x 188 x 173 | Opaque | 400 x 200 | Q4020PI | 360 x 160 | Q4020EXTI | 380 x 180 | 165 | 150 | 350 | 140 | 340 | 120 | 310 |
| | 15.28 x 7.40 x 6.81 | | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 6.50 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 |
| Q402018ABICC | 388 x 188 x 173 | Clear | 400 x 200 | Q4020PI | 360 x 160 | Q4020EXTI | 380 x 180 | 165 | 150 | 350 | 140 | 340 | 120 | 310 |
| | 15.28 x 7.40 x 6.81 | | 15.75 x 7.87 | | 14.17 x 6.30 | | 14.96 x 7.09 | 6.50 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 |
| Q303018ABI | 288 x 288 x 173 | Opaque | 300 x 300 | Q3030PI | 260 x 260 | Q3030EXTI | 280 x 280 | 165 | 250 | 250 | 240 | 240 | 220 | 210 |
| | 11.34 x 11.34 x 6.81 | | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 6.50 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 |
| Q303018ABICC | 288 x 288 x 173 | Clear | 300 x 300 | Q3030PI | 260 x 260 | Q3030EXTI | 280 x 280 | 165 | 250 | 250 | 240 | 240 | 220 | 210 |
| | 11.34 x 11.34 x 6.81 | | 11.81 x 11.81 | | 10.24 x 10.24 | | 11.02 x 11.02 | 6.50 | 9.84 | 9.84 | 9.45 | 9.45 | 8.66 | 8.27 |
| Q403018ABI | 388 x 288 x 173 | Opaque | 400 x 300 | Q4030PI | 360 x 260 | Q4030EXTI | 380 x 280 | 165 | 250 | 350 | 240 | 340 | 220 | 310 |
| | 15.28 x 11.34 x 6.81 | | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 6.50 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 |
| Q403018ABICC | 388 x 288 x 173 | Clear | 400 x 300 | Q4030PI | 360 x 260 | Q4030EXTI | 380 x 280 | 165 | 250 | 350 | 240 | 340 | 220 | 310 |
| | 15.28 x 11.34 x 6.81 | | 15.75 x 11.81 | | 14.17 x 10.24 | | 14.96 x 11.02 | 6.50 | 9.84 | 13.78 | 9.45 | 13.39 | 8.66 | 12.20 |
| Q603018ABI | 588 x 288 x 173 | Opaque | 600 x 300 | Q6030PI | 560 x 260 | Q6030EXTI | 580 x 280 | 165 | 250 | 550 | 240 | 540 | 220 | 510 |
| | 23.15 x 11.34 x 6.81 | | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 6.50 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 |
| Q603018ABICC | 588 x 288 x 173 | Clear | 600 x 300 | Q6030PI | 560 x 260 | Q6030EXTI | 580 x 280 | 165 | 250 | 550 | 240 | 540 | 220 | 510 |
| | 23.15 x 11.34 x 6.81 | | 23.62 x 11.81 | | 22.05 x 10.24 | | 22.83 x 11.02 | 6.50 | 9.84 | 21.65 | 9.45 | 21.26 | 8.66 | 20.08 |
| Q604018ABI | 588 x 388 x 173 | Opaque | 600 x 400 | Q6040PI | 560 x 360 | Q6040EXTI | 580 x 380 | 165 | 350 | 550 | 340 | 540 | 320 | 510 |
| | 23.15 x 15.28 x 6.81 | | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 6.50 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 |
| Q604018ABICC | 588 x 388 x 173 | Clear | 600 x 400 | Q6040PI | 560 x 360 | Q6040EXTI | 580 x 380 | 165 | 350 | 550 | 340 | 540 | 320 | 510 |
| | 23.15 x 15.28 x 6.81 | | 23.62 x 15.75 | | 22.05 x 14.17 | | 22.83 x 14.96 | 6.50 | 13.78 | 21.65 | 13.39 | 21.26 | 12.60 | 20.08 |

QLINE® I

QLINE I Polycarbonate and ABS Type 4X Enclosures with Quick-Release Latches Dimension Drawing



30 mm 1.18 55 mm 2.17

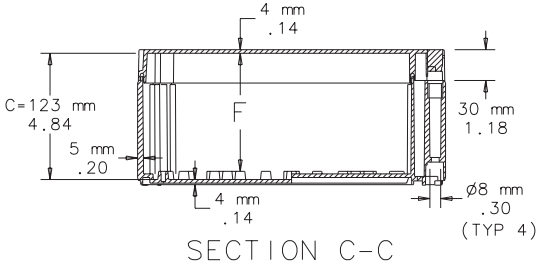
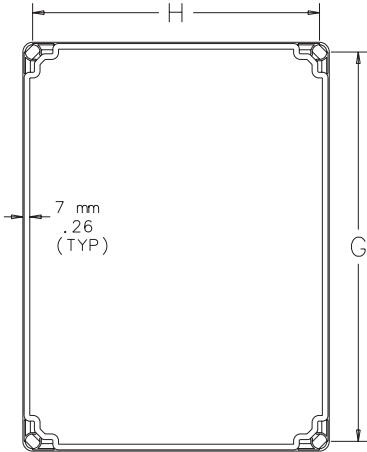
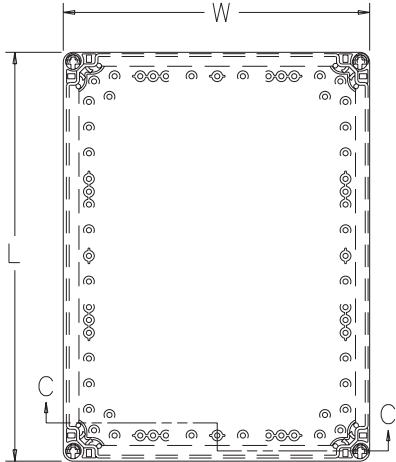


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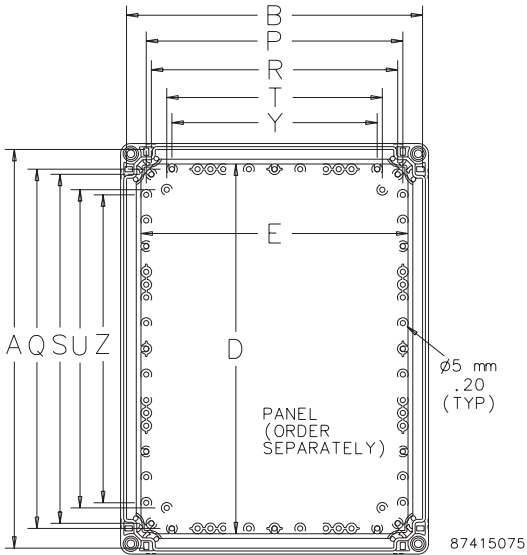
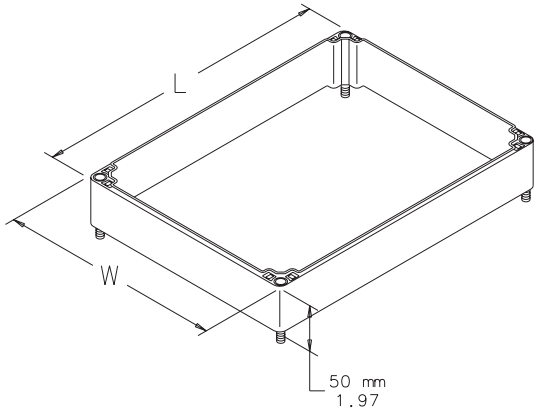
TOP VIEW WITH COVER REMOVED

QLINE® I

QLINE I Polycarbonate and ABS Screw Cover Dimension Drawing

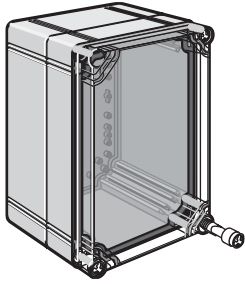


NOTE: Panel screws are M5 pan head.



QLINE® I

Cover Screw Kit

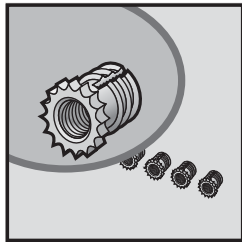


Screws are polyamide. Wing-head-style screws provide rapid access to enclosure interior without requiring special tools to open. Kit includes four polyamide cover screws and four self-tapping, plated panel screws. Tamper-resistant screws have molded 3-mm double-bit drive; kit includes four cover screws, one key and four self-tapping, plated panel screws. Use on all QLINE® I enclosures.

Bulletin: Q41Y

| Catalog Number | Description |
|----------------|----------------------------------|
| QIWHSK | wing-head screw |
| QITSK | 3-mm tamper-resistant double-bit |

Brass Insert Kit

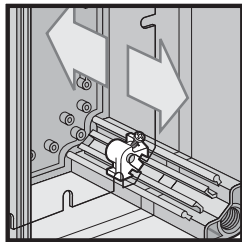


Four M5 self-tapping brass inserts screw into molded pads in bottom of enclosure. Inserts have M3 internal thread.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QBIK |

Panel Depth Fitting



Panel Depth Fitting attaches to corner molded rails of enclosure to facilitate full-range front-to-back panel adjustment. Package includes four polyamide fittings and plated screws. Use on all QLINE I enclosures.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QIPDF |

Swing Panel



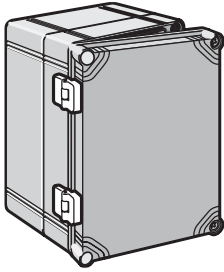
Adjustable-depth aluminum swing panels, for use in QLINE® I polycarbonate enclosures, provide a convenient way to install controls and instruments near enclosure body opening while providing access and security. Suitable applications include water, pulp and paper, petroleum and chemical processing, food, packaging and pharmaceutical applications.

Bulletin: Q41Y

| Catalog Number | Panel Size D x E mm/in. | Fits Enclosure Size A x B mm/in. | Hinged Side of Enclosure |
|----------------|-------------------------------|--|-----------------------------|
| QIHFP22A | 186 x 180 7.32 x 7.09 | 200 x 200 7.87 x 7.87 | 200 |
| QIHFP23A | 186 x 280 7.32 x 11.02 | 300 x 200 11.81 x 7.87 | 200 |
| QIHFP32A | 286 x 180 11.26 x 7.09 | 300 x 200 11.81 x 7.87 | 300 |
| QIHFP42A | 386 x 180 15.20 x 7.09 | 400 x 200 15.75 x 7.87 | 400 |
| QIHFP33A | 286 x 280 11.26 x 11.02 | 300 x 300 11.81 x 11.81 | 300 |
| QIHFP43A | 386 x 280 15.20 x 11.02 | 400 x 300 15.75 x 11.81 | 400 |
| QIHFP63A | 586 x 280 23.07 x 11.02 | 600 x 300 23.62 x 11.81 | 600 |
| QIHFP64A | 586 x 380 23.07 x 14.96 | 600 x 400 23.62 x 15.75 | 600 |

QLINE® I

Hinge Kit

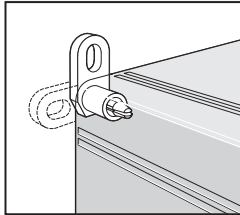


Hinge Kit includes two polyamide hinges, eight M4 self-tapping plated screws, eight flat washers and drilling template. Use on all QLINE® I enclosures.
Hinge Kit meets Type 4 requirements. Three hinges required for 600-mm sides.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QIHK |

Mounting Bracket Kit

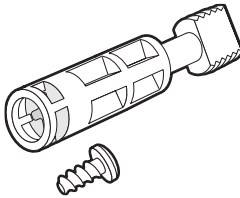


Mounting Bracket Kit has four polycarbonate brackets and four M3 self-tapping, plated screws. Kit is field-installable. Use on all QLINE® I Enclosures. Maintains listed ratings for enclosure.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| QIMFK |

Hardware Kit

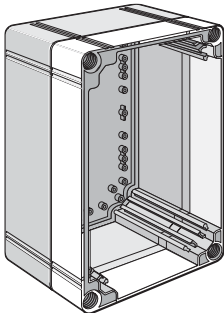


Hardware Kit includes four polyamide cover screws and four self-tapping, plated panel screws. This kit is offered as a replacement kit for lost or damaged hardware originally furnished with the enclosure.

Bulletin: Q41Y

| Catalog Number | Description |
|----------------|--------------|
| QIHK424 | 42-mm screws |

Extension Rings

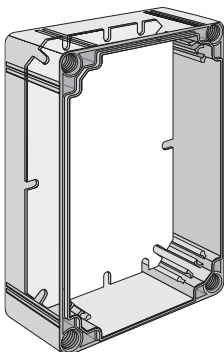


Extension rings can be added to QLINE® I enclosures to provide additional 50-mm to enclosure depth. Extension rings are polycarbonate and cannot be used with quick-release latches.

Bulletin: Q41Y

| Catalog Number |
|----------------|
| Q2020EXTI |
| Q3020EXTI |
| Q3030EXTI |
| Q4020EXTI |
| Q4030EXTI |
| Q6030EXTI |
| Q6040EXTI |

Panels



Bulletin: Q41Y

| Catalog Number | Panel Size D x E (mm) | Panel Size D x E (in.) |
|----------------|--------------------------|---------------------------|
| Q2020PI | 160 x 160 | 6.30 x 6.30 |
| Q3020PI | 260 x 160 | 10.24 x 6.30 |
| Q3030PI | 260 x 260 | 10.24 x 10.24 |
| Q4020PI | 360 x 160 | 14.17 x 6.30 |
| Q4030PI | 360 x 260 | 14.17 x 10.24 |
| Q6030PI | 560 x 360 | 22.05 x 10.24 |
| Q6040PI | 260 x 260 | 22.05 x 14.17 |

QLINE® I

QLINE® I, EMC, Type 4X



Industry Standards

UL 508A Listed; Type 4, 4X, 12, 13; File No. E61997
 cUL Listed per CSA C22.2 No 94; Type 4, 4X, 12, 13; File No. E61997
 Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 4, 4X, 12, 13
 IEC 60529, IP66

Application

The largest-size enclosures in the QLINE® EMC series, the screw-cover QLINE I protects larger controls from electromagnetic interference in corrosive environments.

Specifications

- Body is impact-resistant polycarbonate
- Polycarbonate material is easily punched, drilled, filed or sawed
- EMC coating in base and cover
- Gasket of silver/silicone
- Mounting holes molded directly under cover screws
- Molded internal pads for mounting optional panels, rails and other components
- Molded internal rails for mounting adjustable depth panel kit
- Screws provided for mounting optional panel
- Easily removable covers attached to body with strong, durable polyamide cross-point cover screws

Finish

Enclosure material is RAL 7035 light gray outside. Optional panels are conductive steel.

Bulletin: Q41EM

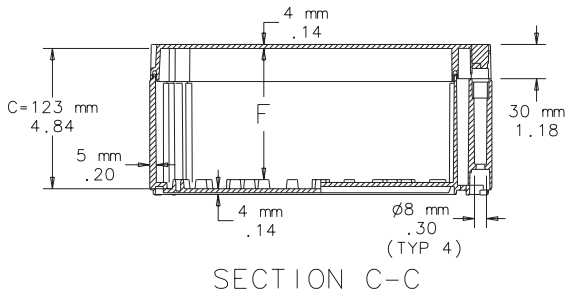
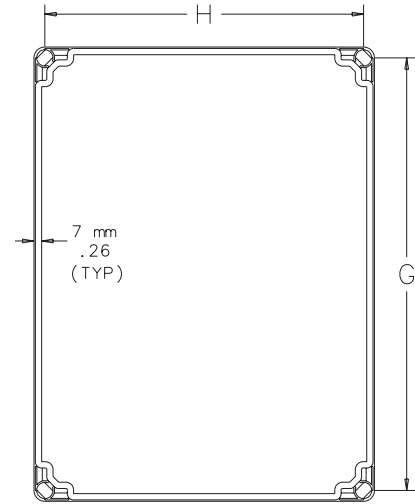
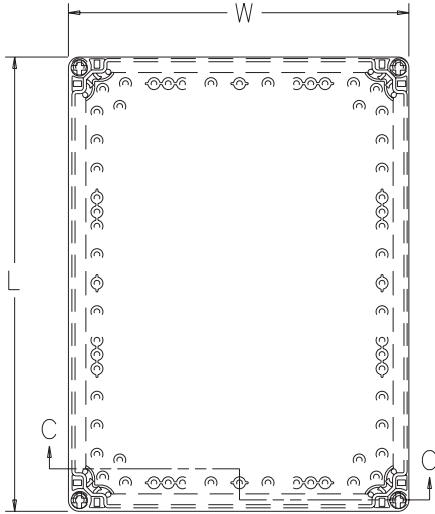
Standard Product

| Catalog Number | External Dimensions | | Internal Dimensions | | Panel | Panel Size | | Mounting | | | | | | | |
|----------------|---------------------|--------------|---------------------|--------------|--------------|--------------|--------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | A x B x C mm/in. | L x W mm/in. | A x B x C mm/in. | D x E mm/in. | | D x E mm/in. | G x H mm/in. | F mm/in. | P mm/in. | Q mm/in. | R mm/in. | S mm/in. | T mm/in. | U mm/in. | Y mm/in. |
| Q202013PCEMC | 200 x 200 x 123 | 200 x 200 | 188 x 188 | Q2020PI | 160 x 160 | 180 x 180 | 115 | 150 | 150 | 140 | 140 | 120 | 110 | 100 | 100 |
| | 7.90 x 7.90 x 4.80 | 7.87 x 7.87 | 7.40 x 7.40 | | 6.30 x 6.30 | 7.09 x 7.09 | 4.53 | 5.91 | 5.91 | 5.51 | 5.51 | 4.72 | 4.33 | 3.94 | 3.94 |
| Q302013PCEMC | 300 x 200 x 123 | 300 x 200 | 288 x 188 | Q3020PI | 260 x 160 | 280 x 180 | 115 | 150 | 250 | 140 | 240 | 120 | 210 | 100 | 200 |
| | 11.80 x 7.90 x 4.80 | 11.81 x 7.87 | 11.34 x 7.40 | | 10.24 x 6.30 | 11.02 x 7.09 | 4.53 | 5.91 | 9.84 | 5.51 | 9.45 | 4.72 | 8.27 | 3.94 | 7.87 |
| Q402013PCEMC | 400 x 200 x 123 | 400 x 200 | 388 x 188 | Q4020PI | 360 x 160 | 380 x 180 | 115 | 150 | 350 | 140 | 340 | 120 | 310 | 100 | 300 |
| | 15.70 x 7.90 x 4.80 | 15.75 x 7.87 | 15.28 x 7.40 | | 14.17 x 6.30 | 14.96 x 7.09 | 4.53 | 5.91 | 13.78 | 5.51 | 13.39 | 4.72 | 12.20 | 3.94 | 11.81 |

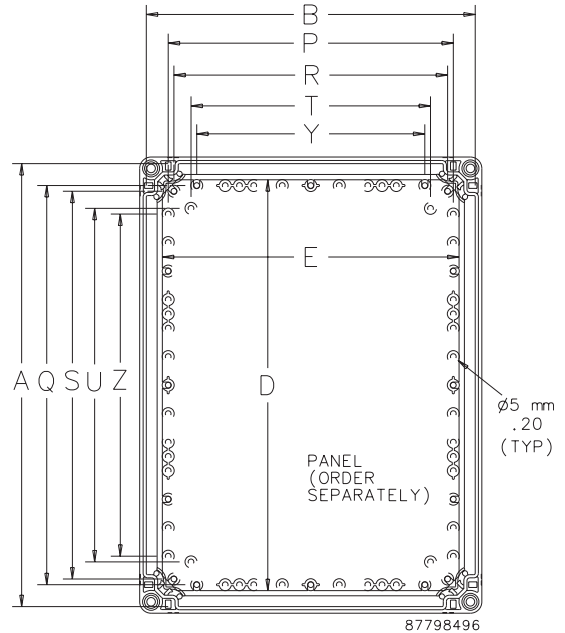
Purchase panels separately.

QLINE® I

QLINE I Polycarbonate EMC Enclosures Dimension Drawing



Note: Panel screws are M5 pan head.



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