

Type 4X Fiberglass Enclosures

JIC Enclosures Type 4X Hinged Screw Cover Data Sheet



Application

- Houses electrical and electronic controls and instruments
- Intended for indoor or outdoor use
- Ideally suited for harsh environments
- Protects against corrosion, windblown dust and rain, splashing water, hose directed water, and prolonged submersion

Standards

- UL/cUL 50 Listed, Type 1, Type 3, Type 4X, Type 6P, Type 12
- Conforms to NEMA Standard for Type 1, Type 3, Type 4X, Type 6P, Type 12
- CSA 22.2, Type 1, Type 3, Type 4X, Type 6P, Type 12
- Temperature Range: -40°F to 250°F (-40°C to 120°C)
- Flammability Rating: UL94-5V
- Self Extinguishing: Non-flame propagating
- Chemical Resistance: (see chart, pages 458 - 461)

Finish

- Gray color

Accessories

- Back Panels (see page 290)
- See accessories (pages 292 - 293)

Construction

- Enclosures are an impact resistant, non-conductive, light-weight hot compression molded fiberglass reinforced polyester
- Poured polyurethane seamless gasket provides watertight, dust-tight environmental seal
- Captive screws provide smooth surfaces
- 300 series stainless steel used on all external hardware
- Integral flange molded in place for ease of mounting
- Integral mounting bosses utilize threaded brass inserts accepting #10-32 screws for mounting optional panel
- Rounded edges reduce build-up of dust and debris
- Full length stainless steel hinged cover

Discount Schedule: F2

Subclass: G00

Notes: Cooper B-Line can provide special modifications. Consult the factory for your special requirements.

Type 4X Fiberglass Enclosures

JIC Enclosures Type 4X Hinged Screw Cover Illustration Sheet and Catalog Number

| Enclosure Catalog # | Overall Dimensions | | Inside Dimensions | | E | | F | | Hole Dia. | | Panel No. |
|---------------------|----------------------|-----------------|----------------------|-----------------|-------|-----|-------|-----|-----------|----|-----------|
| | H x W x D | | A x B x C | | in. | mm | in. | mm | in. | mm | |
| | in. | mm | in. | mm | | | | | | | |
| 644-4XFCHSC | 7.50 x 5.43 x 4.75 | 191 x 138 x 121 | 5.84 x 3.85 x 4.45 | 148 x 98 x 113 | 6.75 | 171 | 2.00 | 51 | 0.31 | 8 | AW64__ |
| 664-4XFCHSC | 7.50 x 7.50 x 4.75 | 191 x 191 x 121 | 5.72 x 5.72 x 4.45 | 145 x 145 x 113 | 6.75 | 171 | 4.00 | 101 | 0.31 | 8 | AW66__ |
| 864-4XFCHSC | 9.62 x 7.50 x 4.74 | 244 x 191 x 121 | 7.73 x 5.74 x 4.45 | 196 x 146 x 113 | 8.88 | 225 | 4.00 | 101 | 0.31 | 8 | AW86__ |
| 884-4XFCHSC | 9.56 x 9.38 x 4.89 | 243 x 238 x 124 | 7.73 x 7.73 x 4.64 | 196 x 196 x 119 | 8.75 | 222 | 6.00 | 152 | 0.31 | 8 | AW88__ |
| 1084-4XFCHSC | 11.62 x 9.41 x 4.25 | 295 x 239 x 108 | 9.73 x 7.73 x 3.98 | 247 x 196 x 101 | 10.75 | 273 | 6.00 | 152 | 0.31 | 8 | AW108__ |
| * 1085-4XFCHSC | 11.62 x 9.37 x 5.06 | 295 x 238 x 129 | 9.73 x 7.73 x 4.83 | 247 x 196 x 123 | 10.75 | 273 | 6.00 | 152 | 0.31 | 8 | AW108__ |
| 12105-4XFCHSC | 13.56 x 11.43 x 5.21 | 344 x 291 x 132 | 11.79 x 9.80 x 4.94 | 299 x 249 x 125 | 12.75 | 324 | 8.00 | 203 | 0.31 | 8 | AW1210__ |
| 12126-4XFCHSC | 13.56 x 13.38 x 6.36 | 344 x 340 x 161 | 11.70 x 11.70 x 6.11 | 297 x 297 x 155 | 12.75 | 324 | 10.00 | 254 | 0.31 | 8 | AW1212__ |
| 1476-4XFCHSC | 15.87 x 8.75 x 6.81 | 403 x 222 x 173 | 14.00 x 7.00 x 6.56 | 356 x 178 x 167 | 15.00 | 381 | 5.00 | 127 | 0.31 | 8 | AW147__ |
| 14126-4XFCHSC | 15.50 x 13.50 x 6.25 | 394 x 343 x 159 | 13.53 x 11.55 x 5.94 | 344 x 293 x 151 | 14.62 | 371 | 10.00 | 254 | 0.31 | 8 | AW1412__ |
| 16146-4XFCHSC | 17.53 x 15.46 x 6.23 | 445 x 393 x 158 | 15.63 x 13.60 x 5.94 | 397 x 345 x 151 | 16.75 | 425 | 12.00 | 305 | 0.31 | 8 | AW1614__ |
| 18168-4XFCHSC | 19.62 x 17.61 x 8.82 | 498 x 447 x 224 | 17.69 x 15.69 x 8.45 | 449 x 399 x 215 | 18.88 | 479 | 12.00 | 305 | 0.31 | 8 | AW1816__ |
| 20168-4XFCHSC | 22.00 x 17.68 x 8.83 | 559 x 449 x 224 | 19.72 x 15.72 x 8.45 | 501 x 399 x 215 | 21.25 | 540 | 10.00 | 254 | 0.31 | 8 | AW2016__J |

| Enclosure Catalog # | Dimensions | | | | | | | | | |
|---------------------|------------|-----|-------|-----|-------|-----|------|----|-------|-----|
| | J | | K | | L | | M | | N | |
| | in. | mm | in. | mm | in. | mm | in. | mm | in. | mm |
| 644-4XFCHSC | 4.00 | 101 | 4.25 | 108 | 2.25 | 57 | 0.25 | 6 | 7.39 | 188 |
| 664-4XFCHSC | 4.00 | 101 | 4.25 | 108 | 4.25 | 108 | 0.25 | 6 | 7.52 | 191 |
| 864-4XFCHSC | 4.00 | 101 | 6.25 | 159 | 4.25 | 108 | 0.25 | 6 | 9.50 | 242 |
| 884-4XFCHSC | 4.06 | 103 | 6.25 | 159 | 6.25 | 159 | 0.25 | 6 | 9.37 | 238 |
| 1084-4XFCHSC | 3.50 | 89 | 8.25 | 209 | 6.25 | 159 | 0.25 | 6 | 11.35 | 288 |
| * 1085-4XFCHSC | 4.37 | 111 | 8.25 | 209 | 6.25 | 159 | 0.25 | 6 | 11.37 | 289 |
| 12105-4XFCHSC | 4.50 | 114 | 10.25 | 260 | 8.25 | 209 | 0.25 | 6 | 13.41 | 341 |
| 12126-4XFCHSC | 5.53 | 140 | 10.25 | 260 | 10.25 | 260 | 0.25 | 6 | 13.38 | 340 |
| 1476-4XFCHSC | 6.12 | 156 | 12.25 | 311 | 5.25 | 133 | 0.25 | 6 | 15.75 | 400 |
| 14126-4XFCHSC | 5.37 | 137 | 12.25 | 311 | 10.25 | 260 | 0.25 | 6 | 15.47 | 393 |
| 16146-4XFCHSC | 5.36 | 136 | 14.25 | 362 | 12.25 | 311 | 0.25 | 6 | 17.45 | 443 |
| 18168-4XFCHSC | 7.99 | 203 | 16.25 | 413 | 14.25 | 362 | 0.25 | 6 | 19.61 | 498 |
| 20168-4XFCHSC | 8.00 | 203 | 18.25 | 464 | 14.25 | 362 | 0.25 | 6 | 21.68 | 551 |

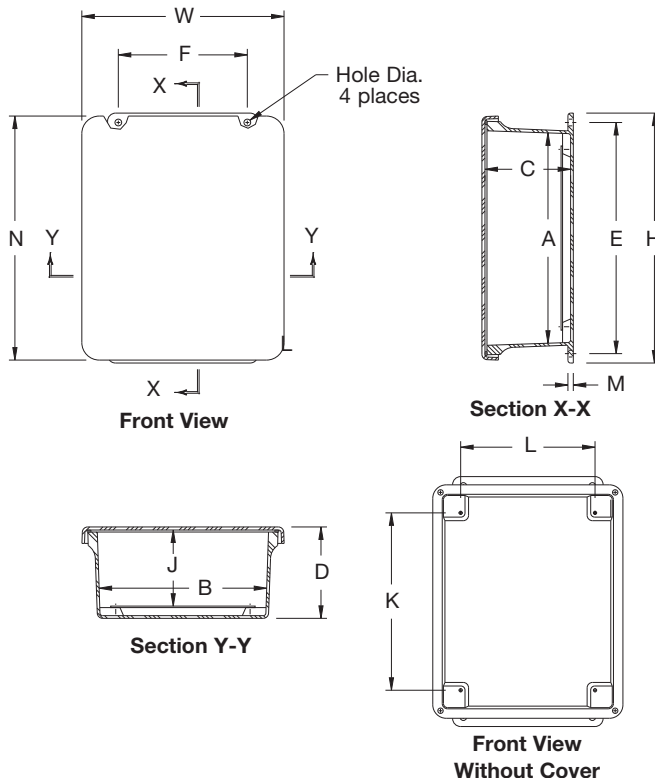
* Crowned Cover

Panel Finishes

Example: AW108__

Insert for __

P = Carbon Steel
SP = Stainless Steel
AP = Aluminum



Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.