

Hinged-Cover Junction Boxes

Continuous Hinge with Quarter-Turn Fast Latch, Type 4



Industry Standards

UL 508A Listed; Type 4, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94 Listed; Type 4, 12; File No. E61997

NEMA/EEMAC Type 4 and 12
IEC 60529, IP 66

Application

This enclosure provides the convenience of quarter-turn latching with an aesthetic, easy-to-maintain light gray textured finish.

Standard Product

| Catalog Number | AxBxC in./mm | Gauge | Panel | Conductive Panel | Panel Size in./mm | Mounting | | Overall | | | | | | | No. of Latches |
|----------------|---|-------|----------|------------------|----------------------|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|---|----------------|
| | | | | | | G x H in./mm | L x W in./mm | F in./mm | J in./mm | K in./mm | T in./mm | V in./mm | Y in./mm | | |
| A404CHFL | 4.00 x 4.00 x 3.00 102 x 102 x 76 | 16 | No Panel | No Panel | No Panel | 4.75 x 2.00 | 5.50 x 4.41 | — | 2.62 | 0.54 | 3.00 | — | — | 1 | |
| | | | | | | No Panel | 121 x 51 | 140 x 112 | — | 66 | 14 | 76 | — | — | |
| A604CHFL | 6.00 x 4.00 x 3.00 152 x 102 x 76 | 16 | A6P4 | A6P4G | 4.88 x 2.88 | 6.75 x 2.00 | 7.50 x 4.41 | 2.53 | 2.62 | 0.54 | 3.00 | 0.31 | 0.56 | 1 | |
| | | | | | 124 x 73 | 171 x 51 | 191 x 112 | 64 | 66 | 14 | 76 | 8 | 14 | | |
| A806CHFL | 8.00 x 6.00 x 3.50 203 x 152 x 89 | 14 | A8P6 | A8P6G | 6.75 x 4.88 | 8.75 x 4.00 | 9.50 x 6.41 | 3.03 | 3.12 | 0.56 | 5.00 | 0.25 | 0.62 | 2 | |
| | | | | | 171 x 124 | 222 x 102 | 241 x 163 | 77 | 79 | 14 | 127 | 6 | 16 | | |
| A4044CHFL | 4.00 x 4.00 x 4.00 102 x 102 x 102 | 16 | No Panel | No Panel | No Panel | 4.75 x 2.00 | 5.50 x 4.41 | — | 3.62 | 0.54 | 3.00 | — | — | 1 | |
| | | | | | | No Panel | 121 x 51 | 140 x 112 | — | 92 | 14 | 76 | — | — | |
| A6044CHFL | 6.00 x 4.00 x 4.00 152 x 102 x 102 | 16 | A6P4 | A6P4G | 4.88 x 2.88 | 6.75 x 2.00 | 7.50 x 4.41 | 3.53 | 3.62 | 0.54 | 3.00 | 0.31 | 0.56 | 1 | |
| | | | | | 124 x 73 | 171 x 51 | 191 x 112 | 90 | 92 | 14 | 76 | 8 | 14 | | |
| A606CHFL | 6.00 x 6.00 x 4.00 152 x 152 x 102 | 16 | A6P6 | A6P6G | 4.88 x 4.88 | 6.75 x 4.00 | 7.50 x 6.41 | 3.53 | 3.62 | 0.54 | 5.00 | 0.31 | 0.56 | 1 | |
| | | | | | 124 x 124 | 171 x 102 | 191 x 163 | 90 | 92 | 14 | 127 | 8 | 14 | | |
| A808CHFL | 8.00 x 8.00 x 4.00 203 x 203 x 102 | 14 | A8P8 | A8P8G | 6.75 x 6.88 | 8.75 x 6.00 | 9.50 x 8.41 | 3.53 | 3.62 | 0.56 | 7.00 | 0.25 | 0.62 | 2 | |
| | | | | | 171 x 175 | 222 x 152 | 241 x 214 | 90 | 92 | 14 | 178 | 6 | 16 | | |
| A1008CHFL | 10.00 x 8.00 x 4.00 254 x 203 x 102 | 14 | A10P8 | A10P8G | 8.75 x 6.88 | 10.75 x 6.00 | 11.50 x 8.41 | 3.53 | 3.62 | 0.56 | 7.00 | 0.25 | 0.62 | 2 | |
| | | | | | 222 x 175 | 273 x 152 | 292 x 214 | 90 | 92 | 14 | 178 | 6 | 16 | | |
| A12064CHFL | 12.00 x 6.00 x 4.00 305 x 152 x 102 | 14 | A12P6 | A12P6G | 10.75 x 4.88 | 12.75 x 4.00 | 13.50 x 6.41 | 3.53 | 3.62 | 0.56 | 5.00 | 0.25 | 0.62 | 2 | |
| | | | | | 273 x 124 | 324 x 102 | 343 x 163 | 90 | 92 | 14 | 127 | 6 | 16 | | |
| A1210CHFL | 12.00 x 10.00 x 5.00 305 x 254 x 127 | 14 | A12P10 | A12P10G | 10.75 x 8.88 | 12.75 x 8.00 | 13.50 x 10.41 | 4.53 | 4.62 | 0.56 | 9.00 | 0.25 | 0.62 | 2 | |
| | | | | | 273 x 226 | 324 x 203 | 343 x 264 | 115 | 117 | 14 | 229 | 6 | 16 | | |
| A8066CHFL | 8.00 x 6.00 x 6.00 203 x 152 x 152 | 14 | A8P6 | A8P6G | 6.75 x 4.88 | 8.75 x 4.00 | 9.50 x 6.41 | 5.53 | 5.62 | 0.56 | 5.00 | 0.25 | 0.62 | 2 | |
| | | | | | 171 x 124 | 222 x 102 | 241 x 163 | 140 | 143 | 14 | 127 | 6 | 16 | | |
| A10086CHFL | 10.00 x 8.00 x 6.00 254 x 203 x 152 | 14 | A10P8 | A10P8G | 8.75 x 6.88 | 10.75 x 6.00 | 11.50 x 8.41 | 5.53 | 5.62 (143) | 0.56 | 7.00 | 0.25 | 0.62 | 2 | |
| | | | | | 222 x 175 | 273 x 152 | 292 x 214 | 140 | 143 | 14 | 178 | 6 | 16 | | |
| A10106CHFL | 10.00 x 10.00 x 6.00 254 x 254 x 152 | 14 | A10P10 | A10P10G | 8.75 x 8.88 | 10.75 x 8.00 | 11.50 x 10.41 | 5.53 | 5.62 (143) | 0.56 | 9.00 | 0.25 | 0.62 | 2 | |
| | | | | | 222 x 226 | 273 x 203 | 292 x 264 | 140 | 143 | 14 | 229 | 6 | 16 | | |
| A1212CHFL | 12.00 x 12.00 x 6.00 305 x 305 x 152 | 14 | A12P12 | A12P12G | 10.75 x 10.88 | 12.75 x 10.00 | 13.50 x 12.41 | 5.53 | 5.62 (143) | 0.56 | 11.00 | 0.25 | 0.62 | 2 | |
| | | | | | 273 x 276 | 324 x 254 | 343 x 314 | 140 | 143 | 14 | 279 | 6 | 16 | | |
| A14086CHFL | 14.00 x 8.00 x 6.00 356 x 203 x 152 | 14 | A14P8 | A14P8G | 12.75 x 6.88 | 14.75 x 6.00 | 15.50 x 8.41 | 5.53 | 5.62 (143) | 0.56 | 7.00 | 0.25 | 0.62 | 2 | |
| | | | | | 324 x 175 | 375 x 152 | 394 x 214 | 140 | 143 | 14 | 178 | 6 | 16 | | |
| A1412CHFL | 14.00 x 12.00 x 6.00 356 x 305 x 152 | 14 | A14P12 | A14P12G | 12.75 x 10.88 | 14.75 x 10.00 | 15.50 x 12.41 | 5.53 | 5.62 (143) | 0.56 | 11.00 | 0.25 | 0.62 | 2 | |
| | | | | | 324 x 276 | 375 x 254 | 394 x 314 | 140 | 143 | 14 | 279 | 6 | 16 | | |
| A16106CHFL | 16.00 x 10.00 x 6.00 406 x 254 x 152 | 14 | A16P10 | A16P10G | 14.75 x 8.88 | 16.75 x 8.00 | 17.50 x 10.41 | 5.53 | 5.62 (143) | 0.56 | 9.00 | 0.25 | 0.62 | 2 | |
| | | | | | 375 x 226 | 425 x 203 | 445 x 264 | 140 | 143 | 14 | 229 | 6 | 16 | | |

Features

- Quarter-turn latch with screw-driver slot for easy access
- Seamless foam-in-place gasket
- Weldnuts provided for mounting optional panels and terminal block kits in size 6.00 x 4.00 in. (152 x 102 mm) and larger

Specifications

- 16 or 14 gauge steel (see table)
- Seams continuously welded and ground smooth
- Continuous hinge
- Bonding provision on door
- External wall-mounting brackets
- Oil-resistant gasket

Finish

RAL 7035 gray polyester powder paint inside and out.

Accessories

See also Accessories.

Panels for Junction Boxes

Junction Box and Wall-Mount Enclosure Swing Out Panel Kit

Terminal Block Kit Assembly for Junction Boxes Overview

Steel and Stainless Steel Window Kits

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: A51FL

Hinged-Cover Junction Boxes

| Catalog Number | AxBxC in./mm | Gauge | Panel | Conductive Panel | Mounting | | Overall | | | | | | | | No. of Latches |
|----------------|-----------------------|-------|--------|------------------|----------------------|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|---|----------------|
| | | | | | Panel Size in./mm | G x H in./mm | L x W in./mm | F in./mm | J in./mm | K in./mm | T in./mm | V in./mm | Y in./mm | | |
| A1614CHFL | 16.00 x 14.00 x 6.00 | 14 | A16P14 | A16P14G | 14.75 x 12.88 | 16.75 x 12.00 | 17.50 x 14.41 | 5.53 | 5.62 (143) | 0.56 | 13.00 | 0.25 | 0.62 | 2 | |
| | 406 x 356 x 152 | | | | 375 x 327 | 425 x 305 | 445 x 366 | 140 | 143 | 14 | 330 | 6 | 16 | | |
| A12108CHFL | 12.00 x 10.00 x 8.00 | 14 | A12P10 | A12P10G | 10.75 x 8.88 | 12.75 x 8.00 | 13.50 x 10.41 | 7.53 | 7.62 | 0.56 | 9.00 | 0.25 | 0.62 | 2 | |
| | 305 x 254 x 203 | | | | 273 x 226 | 324 x 203 | 343 x 264 | 191 | 194 | 14 | 229 | 6 | 16 | | |
| A14128CHFL | 14.00 x 12.00 x 8.00 | 14 | A14P12 | A14P12G | 12.75 x 10.88 | 14.75 x 10.00 | 15.50 x 12.41 | 7.53 | 7.62 | 0.56 | 11.00 | 0.25 | 0.62 | 2 | |
| | 356 x 305 x 203 | | | | 324 x 276 | 375 x 254 | 394 x 314 | 191 | 194 | 14 | 279 | 6 | 16 | | |
| A16148CHFL | 16.00 x 14.00 x 8.00 | 14 | A16P14 | A16P14G | 14.75 x 12.88 | 16.75 x 12.00 | 17.50 x 14.41 | 7.53 | 7.62 | 0.56 | 13.00 | 0.25 | 0.62 | 2 | |
| | 407 x 356 x 203 | | | | 375 x 327 | 425 x 305 | 445 x 366 | 191 | 104 | 14 | 330 | 6 | 16 | | |
| A161410CHFL | 16.00 x 14.00 x 10.00 | 14 | A16P14 | A16P14G | 14.75 x 12.88 | 16.75 x 12.00 | 17.50 x 14.41 | 9.53 | 9.62 | 0.56 | 13.00 | 0.25 | 0.62 | 2 | |
| | 407 x 356 x 254 | | | | 375 x 327 | 425 x 305 | 445 x 366 | 242 | 244 | 14 | 330 | 6 | 16 | | |

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

