

ULTRX® Type 4X Fiberglass Enclosures

**Bulletin
UXI**



Application

This stylized world-class enclosure is a highly effective corrosion-resistant housing for electrical and electronic controls. It provides outstanding protection against atmospheric and marine corrosion in indoor or outdoor settings, including petrochemical plants, water treatment facilities, pulp and paper processing, and electroplating plants. A window cover enclosure is also available, providing easy visual inspection of interior components.

Construction

- Molded fiberglass-reinforced 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 watertight 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
- Patented 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.

Industry Standards

UL 508A, File No. E61997: Type 3, 3R, 4, 4X, 12, and 13
NEMA/EEMAC Type 3, 3R, 4, 4X, 12, and 13
Enclosure flammability rating per UL 508A
CSA File No. 42186: Type 3, 3R, 4, 4X, 12, and 13
IEC 60529, IP66

Meets Type 3RX requirements

Patents

This product is covered by the following patent:
US 5,481,889

Accessories

Data Pocket
DIN Type Rails
Electric Heaters
Lighting Packages
Panels
Rack Angles
Terminal Block Kit Assemblies
Touch-Up Paint (ATPFG)
Window Kits
Wiring Duct
ULTRX Accessories

Modification Services Program

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

- Colors
- Subpanels
- Holes and cutouts in body, doors, subpanels
- Environmental control (louvers, fans, filters)
- Standard accessories

To order, contact your local Hoffman sales representative.

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

Standard Sizes ULTRX Type 4X Fiberglass Enclosures

Catalog Number ^a	External Dimensions L x W mm (in.)	Internal Dimensions A x B x C mm (in.)	Panel Catalog Number	Conductive Panel Catalog Number	Panel Size D x E mm (in.)	Mounting G x H mm (in.)	Window Size M x N mm (in.)	F mm (in.)	J mm (in.)	K mm (in.)	P mm (in.)	Q mm (in.)	R mm (in.)	S mm (in.)	T mm (in.)
UU504020	513 x 413 (20.20 x 16.26)	496 x 396 x 220 (19.53 x 15.59 x 8.66)	A20P16	A20P16G	432 x 330 (17.00 x 12.99)	359 x 459 (14.13 x 18.07)	—	186 (7.32)	297 (11.69)	19 (0.75)	64 (2.52)	63 (2.48)	58 (2.28)	286 (11.26)	387 (15.24)
UU504020W	513 x 413 (20.20 x 16.26)	496 x 396 x 220 (19.53 x 15.59 x 8.66)	A20P16	A20P16G	439 x 330 (17.00 x 12.99)	359 x 459 (14.13 x 18.07)	386 x 286 (15.20 x 11.26)	186 (7.32)	297 (11.69)	19 (0.75)	64 (2.52)	63 (2.48)	58 (2.28)	286 (11.26)	387 (15.24)
UU606020	625 x 612 (24.61 x 24.09)	608 x 595 x 220 (23.94 x 23.43 x 8.66)	A24P24	A24P24G	533 x 533 (20.98 x 20.98)	559 x 572 (22.01 x 22.52)	—	186 (7.32)	500 (19.68)	21 (0.83)	62 (2.44)	68 (2.68)	56 (2.20)	489 (19.25)	489 (19.25)
UU606020W	625 x 612 (24.61 x 24.09)	608 x 595 x 220 (23.94 x 23.43 x 8.66)	A24P24	A24P24G	533 x 533 (20.98 x 20.98)	559 x 572 (22.01 x 22.52)	498 x 486 (19.61 x 19.13)	186 (7.32)	500 (19.68)	21 (0.83)	62 (2.44)	68 (2.68)	56 (2.20)	489 (19.25)	489 (19.25)
UU605025	625 x 513 (24.61 x 20.20)	608 x 496 x 270 (23.94 x 19.53 x 10.63)	A24P20	A24P20G	533 x 432 (20.98 x 17.00)	457 x 570 (17.99 x 22.44)	—	239 (9.41)	400 (15.75)	21 (0.83)	63 (2.48)	68 (2.68)	56 (2.20)	387 (15.24)	489 (19.25)
UU605025W	625 x 513 (24.61 x 20.20)	608 x 496 x 270 (23.94 x 19.53 x 10.63)	A24P20	A24P20G	533 x 432 (20.98 x 17.00)	457 x 570 (17.99 x 22.44)	498 x 386 (19.61 x 15.20)	239 (9.41)	400 (15.75)	21 (0.83)	63 (2.48)	68 (2.68)	56 (2.20)	387 (15.24)	489 (19.25)

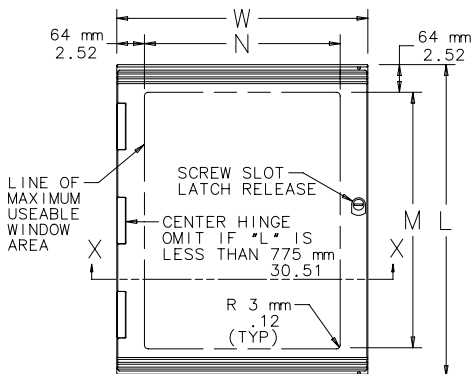
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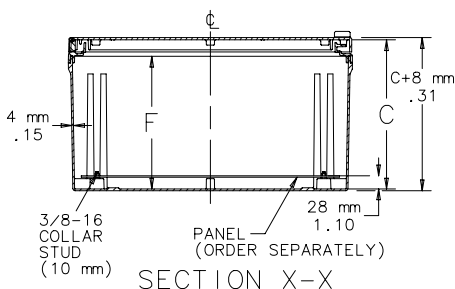
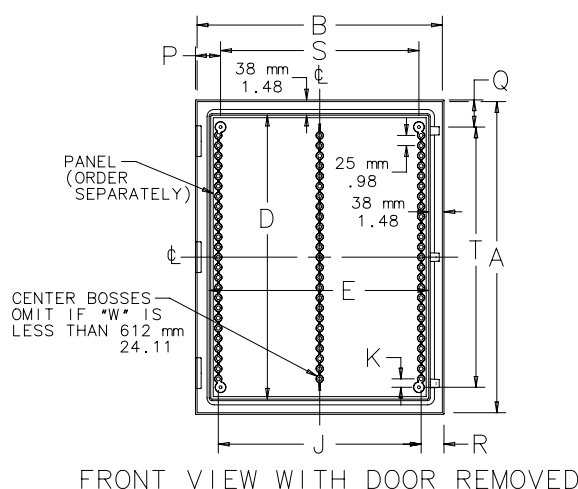
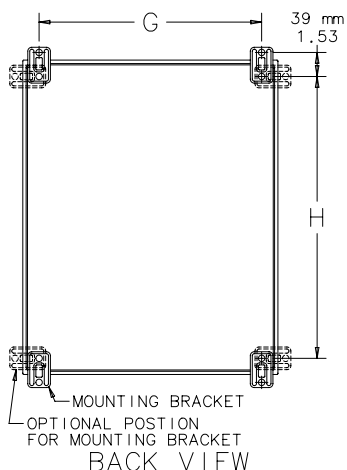
Standard Sizes ULTRX Type 4X Fiberglass Enclosures (Cont.)

Catalog Number ^a	External Dimensions L x W mm (in.)	Internal Dimensions A x B x C mm (in.)	Panel Catalog Number	Conduc- tive Panel Catalog Number	Panel Size D x E mm (in.)	Mounting G x H mm (in.)	Window Size M x N mm (in.)	F mm (in.)	J mm (in.)	K mm (in.)	P mm (in.)	Q mm (in.)	R mm (in.)	S mm (in.)	T mm (in.)
UU504030	513 x 412 (20.20 x 16.22)	496 x 395 x 321 (19.53 x 15.55 x 12.64)	A20P16	A20P16G	432 x 330 (17.00 x 12.99)	355 x 455 (13.98 x 17.91)	—	287 (11.30)	300 (11.81)	19 (0.75)	64 (2.52)	63 (2.48)	56 (2.20)	286 (11.26)	387 (15.24)
UU504030W	513 x 412 (20.20 x 16.22)	496 x 395 x 321 (19.53 x 15.55 x 12.64)	A20P16	A20P16G	432 x 330 (17.00 x 12.99)	355 x 455 (13.98 x 17.91)	386 x 286 (15.20 x 11.26)	287 (11.30)	300 (11.81)	19 (0.75)	64 (2.52)	63 (2.48)	56 (2.20)	286 (11.26)	387 (15.24)
UU606030	625 x 612 (24.61 x 24.09)	608 x 595 x 321 (23.94 x 23.43 x 12.64)	A24P24	A24P24G	533 x 533 (20.98 x 20.98)	555 x 568 (21.85 x 22.36)	—	287 (11.30)	500 (19.68)	21 (0.83)	62 (2.44)	68 (2.68)	56 (2.20)	489 (19.25)	489 (19.25)
UU606030W	625 x 612 (24.61 x 24.09)	608 x 595 x 321 (23.94 x 23.43 x 12.64)	A24P24	A24P24G	533 x 533 (20.98 x 20.98)	555 x 568 (21.85 x 22.36)	498 x 486 (19.61 x 19.13)	287 (11.30)	500 (19.68)	21 (0.83)	62 (2.44)	68 (2.68)	56 (2.20)	489 (19.25)	489 (19.25)
UU756030	775 x 612 (30.51 x 24.09)	758 x 595 x 321 (29.84 x 23.43 x 12.64)	A30P24	A30P24G	686 x 533 (27.01 x 20.98)	555 x 718 (21.85 x 28.27)	—	287 (11.30)	500 (19.68)	21 (0.83)	62 (2.44)	67 (2.64)	56 (2.20)	489 (19.25)	641 (25.24)
UU756030W	775 x 612 (30.51 x 24.09)	758 x 595 x 321 (29.84 x 23.43 x 12.64)	A30P24	A30P24G	686 x 533 (27.01 x 20.98)	555 x 718 (21.85 x 28.27)	648 x 486 (25.51 x 19.13)	287 (11.30)	500 (19.68)	21 (0.83)	62 (2.44)	67 (2.64)	56 (2.20)	489 (19.25)	641 (25.24)
UU1008030	1025 x 825 (40.35 x 32.48)	1008 x 808 x 321 (39.68 x 31.81 x 12.64)	A40P30	A40P30G	940 x 737 (37.01 x 29.02)	768 x 968 (30.24 x 38.11)	—	287 (11.30)	700 (27.56)	23 (0.91)	67 (2.64)	65 (2.56)	62 (2.44)	692 (27.24)	895 (35.24)
UU1008030W	1025 x 825 (40.35 x 32.48)	1008 x 808 x 321 (39.68 x 31.81 x 12.64)	A40P30	A40P30G	940 x 737 (37.01 x 29.02)	768 x 968 (30.24 x 38.11)	898 x 698 (35.35 x 27.48)	287 (11.30)	700 (27.56)	23 (0.91)	67 (2.64)	65 (2.56)	62 (2.44)	692 (27.24)	895 (35.24)
UU606040	625 x 612 (24.61 x 24.09)	608 x 595 x 421 (23.94 x 23.43 x 16.57)	A24P24	A24P24G	533 x 533 (20.98 x 20.98)	555 x 568 (21.85 x 22.36)	—	387 (15.24)	500 (19.68)	21 (0.83)	62 (2.44)	68 (2.68)	56 (2.20)	489 (19.25)	489 (19.25)
UU606040W	625 x 612 (24.61 x 24.09)	608 x 595 x 421 (23.94 x 23.43 x 16.57)	A24P24	A24P24G	533 x 533 (20.98 x 20.98)	555 x 568 (21.85 x 22.36)	498 x 486 (19.61 x 19.13)	387 (15.24)	500 (19.68)	21 (0.83)	62 (2.44)	68 (2.68)	56 (2.20)	489 (19.25)	489 (19.25)
UU756040	775 x 612 (30.51 x 24.09)	758 x 595 x 421 (29.84 x 23.43 x 16.57)	A30P24	A30P24G	686 x 533 (27.01 x 20.98)	555 x 718 (21.85 x 28.27)	—	387 (15.24)	500 (19.68)	21 (0.83)	62 (2.44)	67 (2.64)	56 (2.20)	489 (19.25)	641 (25.24)
UU756040W	775 x 612 (30.51 x 24.09)	758 x 595 x 421 (29.84 x 23.43 x 16.57)	A30P24	A30P24G	686 x 533 (27.01 x 20.98)	555 x 718 (21.85 x 28.27)	648 x 486 (25.51 x 19.13)	387 (15.24)	500 (19.68)	21 (0.83)	62 (2.44)	67 (2.64)	56 (2.20)	489 (19.25)	641 (25.24)

^aCatalog numbers ending in W have windows in the door.



FRONT VIEW



C2553-C