

# 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  
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.

## FINISH

Standard 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.

## FEATURES

- Compression-molded fiberglass material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties, including high-impact resistance
- Exterior surface is painted for enhanced UV protection
- Fiberglass is easily punched, drilled, filed or sawed
- 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
- 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
- Material is halogen free

## 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

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

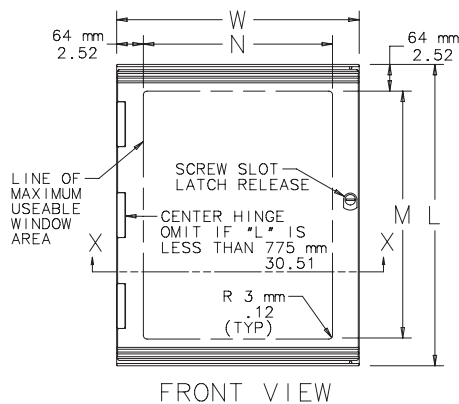
**Bulletin: UX1**

## Standard Product

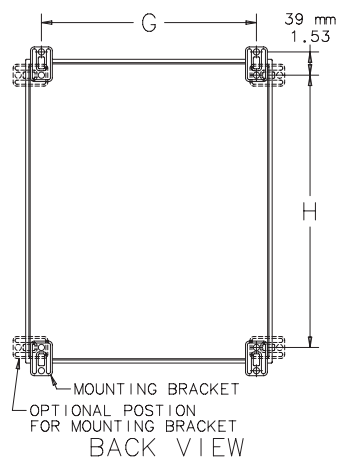
| Catalog Number | Door Style | External Dimensions<br>L x W<br>mm/in | Internal Dimensions<br>A x B x C<br>mm/in | Panel  | Conductive Panel | Panel Size<br>D x E<br>mm/in | Mounting<br>G x H<br>mm/in | Window Size<br>M x N<br>mm/in | F<br>mm/in   | J<br>mm/in   | K<br>mm/in | S<br>mm/in   | T<br>mm/in   |
|----------------|------------|---------------------------------------|-------------------------------------------|--------|------------------|------------------------------|----------------------------|-------------------------------|--------------|--------------|------------|--------------|--------------|
| UU504020       | Solid      | 513 x 413<br>20.20 x 16.26            | 496 x 396 x 220<br>19.53 x 15.59 x 8.66   | A20P16 | A20P16G          | 432 x 330<br>17.00 x 12.99   | 359 x 459<br>14.13 x 18.07 | –<br>–                        | 186<br>7.32  | 297<br>11.69 | 19<br>0.75 | 286<br>11.26 | 387<br>15.24 |
| UU504020W      | Window     | 513 x 413<br>20.20 x 16.26            | 496 x 396 x 220<br>19.53 x 15.59 x 8.66   | A20P16 | A20P16G          | 439 x 330<br>17.00 x 12.99   | 359 x 459<br>14.13 x 18.07 | 386 x 286<br>15.20 x 11.26    | 186<br>7.32  | 297<br>11.69 | 19<br>0.75 | 286<br>11.26 | 387<br>15.24 |
| UU606020       | Solid      | 625 x 612<br>24.61 x 24.09            | 608 x 595 x 220<br>23.94 x 23.43 x 8.66   | A24P24 | A24P24G          | 533 x 533<br>20.98 x 20.98   | 559 x 572<br>22.01 x 22.52 | –<br>–                        | 186<br>7.32  | 500<br>19.68 | 21<br>0.83 | 489<br>19.25 | 489<br>19.25 |
| UU606020W      | Window     | 625 x 612<br>24.61 x 24.09            | 608 x 595 x 220<br>23.94 x 23.43 x 8.66   | A24P24 | A24P24G          | 533 x 533<br>20.98 x 20.98   | 559 x 572<br>22.01 x 22.52 | 498 x 486<br>19.61 x 19.13    | 186<br>7.32  | 500<br>19.68 | 21<br>0.83 | 489<br>19.25 | 489<br>19.25 |
| UU605025       | Solid      | 625 x 513<br>24.61 x 20.20            | 608 x 496 x 270<br>23.94 x 19.53 x 10.63  | A24P20 | A24P20G          | 533 x 432<br>20.98 x 17.00   | 457 x 570<br>17.99 x 22.44 | –<br>–                        | 239<br>9.41  | 400<br>15.75 | 21<br>0.83 | 387<br>15.24 | 489<br>19.25 |
| UU605025W      | Window     | 625 x 513<br>24.61 x 20.20            | 608 x 496 x 270<br>23.94 x 19.53 x 10.63  | A24P20 | A24P20G          | 533 x 432<br>20.98 x 17.00   | 457 x 570<br>17.99 x 22.44 | 498 x 386<br>19.61 x 15.20    | 239<br>9.41  | 400<br>15.75 | 21<br>0.83 | 387<br>15.24 | 489<br>19.25 |
| UU504030       | Solid      | 513 x 412<br>20.20 x 16.22            | 496 x 395 x 321<br>19.53 x 15.55 x 12.64  | A20P16 | A20P16G          | 432 x 330<br>17.00 x 12.99   | 355 x 455<br>13.98 x 17.91 | –<br>–                        | 287<br>11.30 | 300<br>11.81 | 19<br>0.75 | 286<br>11.26 | 387<br>15.24 |
| UU504030W      | Window     | 513 x 412<br>20.20 x 16.22            | 496 x 395 x 321<br>19.53 x 15.55 x 12.64  | A20P16 | A20P16G          | 432 x 330<br>17.00 x 12.99   | 355 x 455<br>13.98 x 17.91 | 386 x 286<br>15.20 x 11.26    | 287<br>11.30 | 300<br>11.81 | 19<br>0.75 | 286<br>11.26 | 387<br>15.24 |
| UU606030       | Solid      | 625 x 612<br>24.61 x 24.09            | 608 x 595 x 321<br>23.94 x 23.43 x 12.64  | A24P24 | A24P24G          | 533 x 533<br>20.98 x 20.98   | 555 x 568<br>21.85 x 22.36 | –<br>–                        | 287<br>11.30 | 500<br>19.68 | 21<br>0.83 | 489<br>19.25 | 489<br>19.25 |
| UU606030W      | Window     | 625 x 612<br>24.61 x 24.09            | 608 x 595 x 321<br>23.94 x 23.43 x 12.64  | A24P24 | A24P24G          | 533 x 533<br>20.98 x 20.98   | 555 x 568<br>21.85 x 22.36 | 498 x 486<br>19.61 x 19.13    | 287<br>11.30 | 500<br>19.68 | 21<br>0.83 | 489<br>19.25 | 489<br>19.25 |
| UU756030       | Solid      | 775 x 612<br>30.51 x 24.09            | 758 x 595 x 321<br>29.84 x 23.43 x 12.64  | A30P24 | A30P24G          | 686 x 533<br>27.01 x 20.98   | 555 x 718<br>21.85 x 28.27 | –<br>–                        | 287<br>11.30 | 500<br>19.68 | 21<br>0.83 | 489<br>19.25 | 641<br>25.24 |
| UU756030W      | Window     | 775 x 612<br>30.51 x 24.09            | 758 x 595 x 321<br>29.84 x 23.43 x 12.64  | A30P24 | A30P24G          | 686 x 533<br>27.01 x 20.98   | 555 x 718<br>21.85 x 28.27 | 648 x 486<br>25.51 x 19.13    | 287<br>11.30 | 500<br>19.68 | 21<br>0.83 | 489<br>19.25 | 641<br>25.24 |
| UU1008030      | Solid      | 1025 x 825<br>40.35 x 32.48           | 1008 x 808 x 321<br>39.68 x 31.81 x 12.64 | A40P30 | A40P30G          | 940 x 737<br>37.01 x 29.02   | 768 x 968<br>30.24 x 38.11 | –<br>–                        | 287<br>11.30 | 700<br>27.56 | 23<br>0.91 | 692<br>27.24 | 895<br>35.24 |
| UU1008030W     | Window     | 1025 x 825<br>40.35 x 32.48           | 1008 x 808 x 321<br>39.68 x 31.81 x 12.64 | A40P30 | A40P30G          | 940 x 737<br>37.01 x 29.02   | 768 x 968<br>30.24 x 38.11 | 898 x 698<br>35.35 x 27.48    | 287<br>11.30 | 700<br>27.56 | 23<br>0.91 | 692<br>27.24 | 895<br>35.24 |

Purchase panels separately.

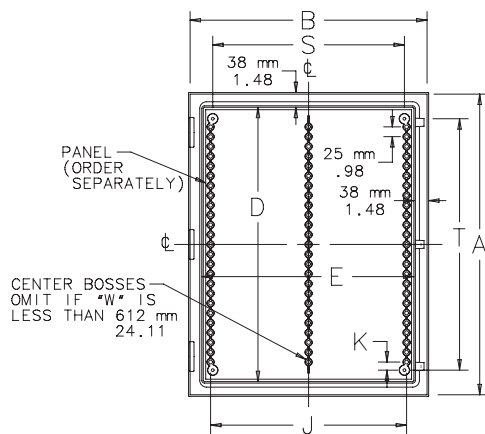
**Note:** When installing enclosures in a right-hand hinge application that involves vibration, nVent HOFFMAN recommends the use of pad-locking or key-locking quarter-turn latch accessories for door securement (UUHPL, UUHLK).



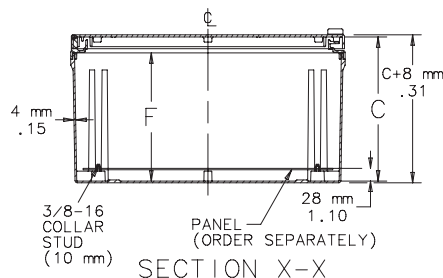
FRONT VIEW



BACK VIEW

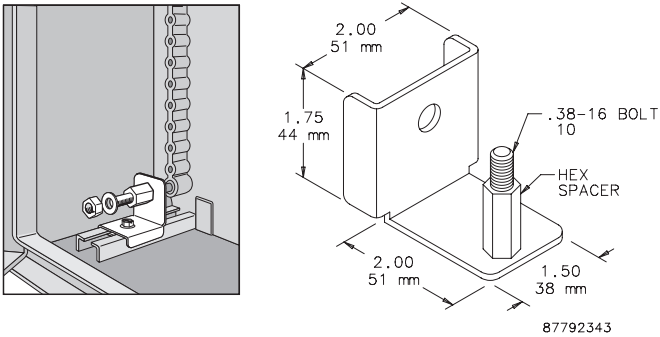


FRONT VIEW WITH DOOR REMOVED



C2553-C

PANEL BRACKET KIT



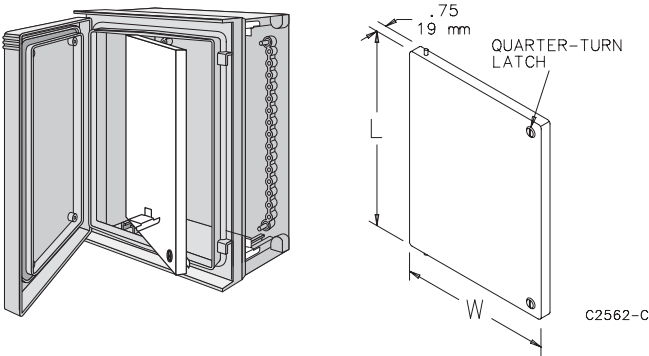
Panel Bracket Kit is used with steel panels and permits panel adjustment from front to rear. Fits all ULTRX sizes. Mounts on integrally molded body rail. Brackets are plated steel. All mounting hardware is included.

**Note:** Front mounting position is approximately 140 mm/ 5.5 in. back on 400 mm enclosures.

Bulletin: UX1Y

| Catalog Number | Description             | Pkg. Qty. |
|----------------|-------------------------|-----------|
| UUPB           | ULTRX Panel Bracket Kit | 4         |

SWING-OUT PANEL



Installs front-mounted panels in ULTRX fiberglass enclosures. The front-mounted swing panel compliments window-door units and is suited for any application requiring a display of gauges, dials or any type of control equipment monitor. Made of 14 gauge steel painted white. Easy installation; no drilling required. Fully adjustable front to rear. Panel and mounting hardware included.

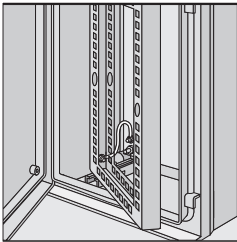
**Note:** Front mounting position is approximately 140 mm/5.5 in. back on 400 mm enclosures.

Bulletin: UX1Y

| Catalog Number | Fits A x B<br>mm/in         | L<br>mm/in   | W<br>mm/in   |
|----------------|-----------------------------|--------------|--------------|
| UU5040SP       | 513 x 413<br>20.20 x 16.26  | 432<br>17.00 | 330<br>12.99 |
| UU6050SP       | 625 x 513<br>24.61 x 20.20  | 536<br>21.10 | 432<br>17.00 |
| UU6060SP       | 625 x 612<br>24.61 x 24.09  | 540<br>21.25 | 535<br>21.08 |
| UU7560SP       | 775 x 612<br>30.51 x 24.09  | 687<br>27.05 | 535<br>21.08 |
| UU10080SP      | 1025 x 825<br>40.35 x 32.48 | 935<br>36.80 | 737<br>29.00 |

Use UU6060SP with DATACOM ULTRX Fiberglass Type 4X WiFi Cabinet.

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 |

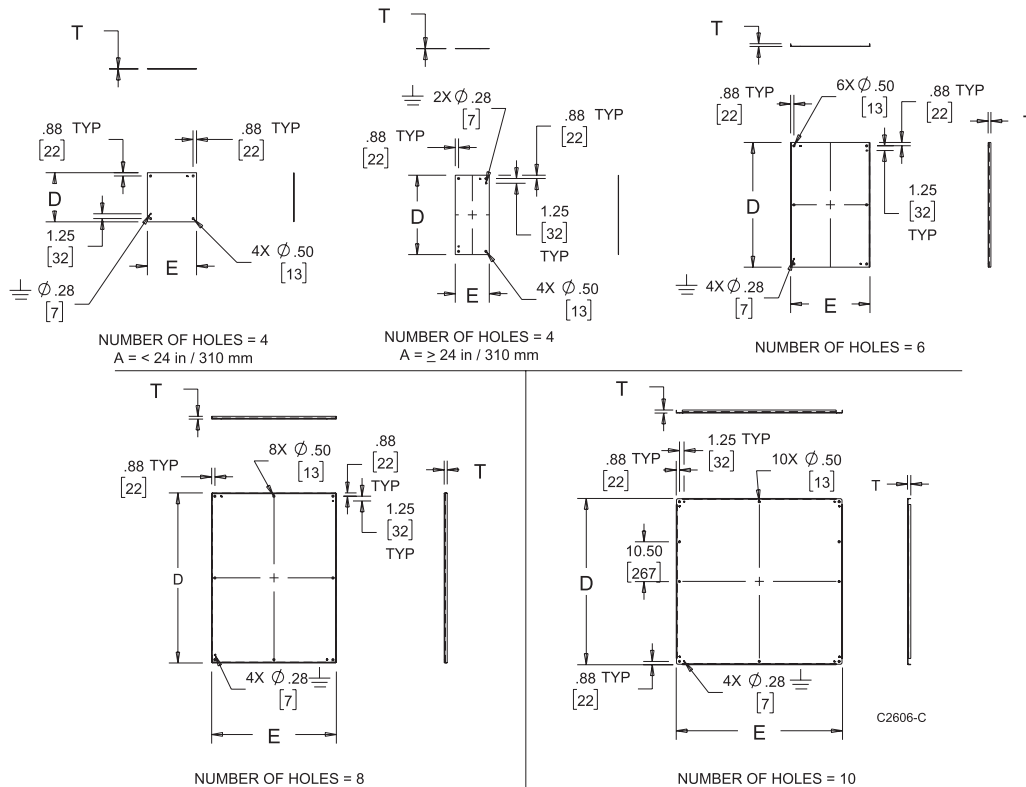
## PANELS FOR TYPE 3R, 4, 4X, 12 AND 13 ENCLOSURES

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

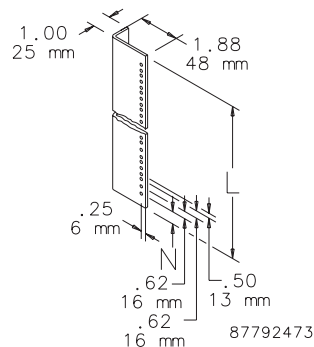
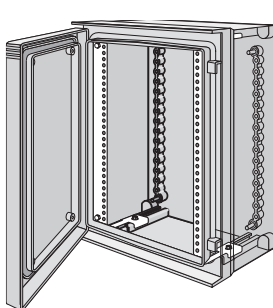
**Bulletin: DWS12, PNLWM**

| Catalog Number | Flange Thickness T (in) | Flange Thickness T (mm) | Panel Size D x E (in) | Panel Size D x E (mm) | Number of Holes | Edge Flanges |
|----------------|-------------------------|-------------------------|-----------------------|-----------------------|-----------------|--------------|
| A20P16         | —                       | —                       | 17.00 x 13.00         | 432 x 330             | 4               | 0            |
| 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.



## RACK ANGLES (TYPE RA)



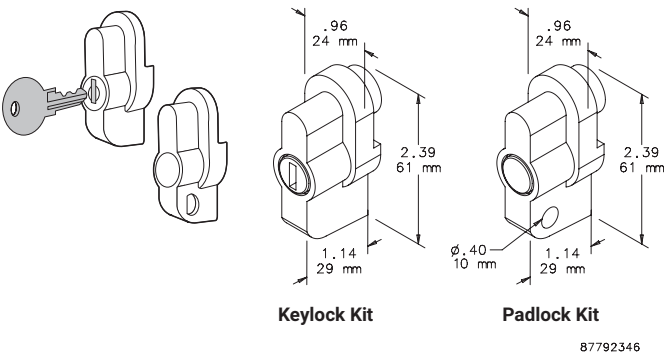
Pairs of full-length rack-mounting angles are available for mounting 1 in (483 mm) rack-mounted equipment. Type RA angles are 14 gauge steel with .281 in (7 mm) diameter mounting holes, spaced per EIA standard RS-310-D (universal spacing). Use Clip Nut Package (AN1032) to provide tapped holes at desired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

**Bulletin: UX1Y**

| Catalog Number | Fits A x B mm/in           | L mm/in      | N mm/in   | Rack Units | Pkg. Qty. |
|----------------|----------------------------|--------------|-----------|------------|-----------|
| UURA6060       | 610 x 610<br>24.00 x 24.00 | 552<br>21.75 | 10 .38    | 12         | 2         |
| UURA7560       | 762 x 610<br>30.00 x 24.00 | 705<br>27.75 | 19<br>.75 | 15         | 2         |

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

KEYLOCK KIT AND PADLOCK KIT



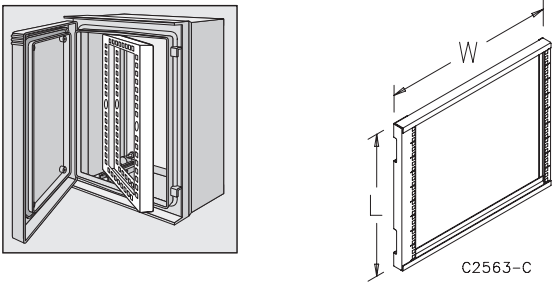
Keylock Kit or pushbutton-style Padlock Kit is easily inserted in latch hole to prevent unauthorized personnel from gaining access to enclosure contents. Each kit is fully assembled for easy installation in the field. Type 316 stainless steel construction.

Bulletin: UX1Y

| 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 nVent HOFFMAN enclosure. Set up for 1/4 in or 3/8 in padlock.

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 nVent HOFFMAN enclosure.

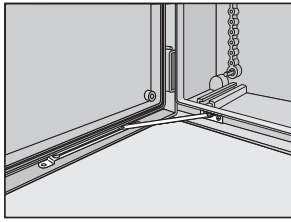
**Note:** Front mounting position is approximately 140 mm/5.5 in back on 400 mm enclosures.

Bulletin: UX1Y

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

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

## DOOR STOP KIT

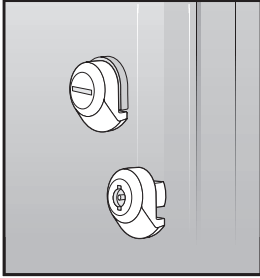


Door Stop Kit limits door to 120 degree opening. Field installable on all sizes of ULTRX enclosures. Type 304 stainless steel construction.

### Bulletin: UX1Y

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

## ULTRX KEY INSERT

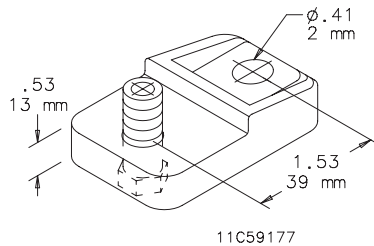
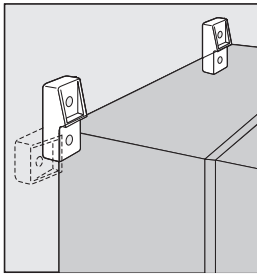


Inserts can be substituted for the standard quarter-turn latch. Inserts are Type 316 stainless steel.

### 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        |

## SCREW INSERT KIT

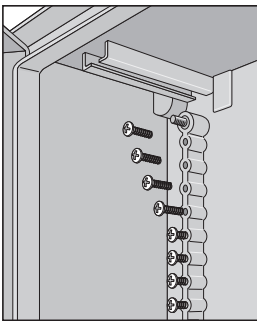


Brass threaded inserts (10-32) with plated screws. Used on door bosses and DIN bosses.

### Bulletin: UX1Y

| Catalog Number | Description      | Kit Qty.               |
|----------------|------------------|------------------------|
| UUMH2          | Screw Insert Kit | 4 inserts and 4 screws |

## SELF-TAPPING SCREWS



Plated screws (1/4-15 x .88) mount panels and accessories to DIN bosses on back of enclosure.

### Bulletin: UX1Y

| Catalog Number | Description         | Pkg. Qty. |
|----------------|---------------------|-----------|
| UUMH1          | Self-Tapping Screws | 10        |



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