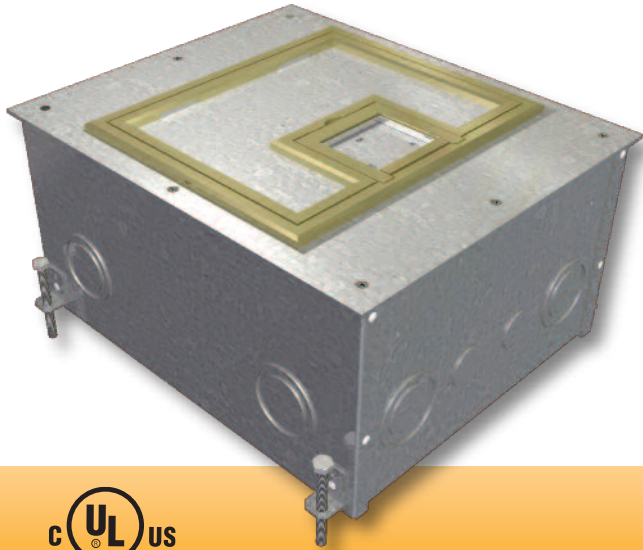# FL-500P
Floor Box

Touchboards

205 Westwood Ave, Long Branch, NJ 07740
Phone: 866-94 BOARDS (26273) / (732)-222-1511
Fax: (732)-222-7088 | E-mail: sales@touchboards.com

FSR
Metal Products Group

c **UL** us

NEW "TOOL-LESS" COVER DESIGN!

The cable access door can be easily removed by lifting the integrated U-Access handle to quickly access the interior compartment, connectors, and cables.

- *11-gauge steel temporary construction cover included*
- *11-gauge finished steel cover with choice of carpet edging*
- *Mitered brass or aluminum carpet edging .5" or .25" high*
- *Stainless steel compression latches*
- *Lift-off full access door*

Scrub water approved for carpet, tile, and wood floors!

DESCRIPTION

Our FL-500P Floor Boxes combine rugged construction and an elegant design for use in carpet, tile, or wood covered floors over poured concrete applications. This makes it the perfect floor box for ballrooms, meeting rooms, public spaces, and high traffic areas. There is ample compartment room to accommodate power, audio, video, telecommunications, and data in one elegant and practical box.

There are a variety of covers to choose from. Options include integrated carpet edging, flat covers for non-carpeted, bare floor applications, and different finishes. The lift-off section of the cover allows full access to internal connector plates and stored cables. The hinged cable exit door flips back to allow the cover to remain in place after connections are made and cables are routed through it. The 0.25" and 0.5" raised edge style and solid covers are UL scrub water approved.

The innovation continues to the "transformable" box bottom. The FL-500P's internal brackets can be arranged to provide numerous options for both high and low voltage standard gang openings, making it the most flexible and easiest to install floor box available. Removable center dividers make passing cables through the various compartments a snap. Integral "Easy Pour" leveling feet are standard on all of the boxes. Several box depths are available. The 3" through 10" deep boxes are UL listed.

The unit includes all of the necessary internal plates and brackets to make "pre" and "post" pour compartment changes quick and easy. Using this system, both high and low voltage gang configurations, along with line voltage compartment isolation, can be implemented "on the fly". This makes just about any cabling / connector scenario possible.

SPECIFICATIONS

| Size: | Box: | 10" x 12" x depth |
| | Cover: | 10.5" x 12.5" x .125" |

| Flanging: | Height: | .25" or .5" |
| | Material: | Brass or Aluminum Flat and Solid Covers also available |

KNOCKOUT SPECIFICATIONS

FL-500P-2.25"	
KO trade size	**Qty/Box**
1/2" / 3/4" Concentric	12

FL-500P-3"	
KO trade size	**Qty/Box**
3/4"	4
1"	4
3/4" / 1" Concentric	8
1" / 1-1/4" Concentric	4

FL-500P-4"	
KO trade size	**Qty/Box**
3/4"	8
1.00" / 1-1/4" Concentric	4
1.00" / 1-1/4" / 1-1/2" Concentric	8

FL-500P-6" thru 10"	
KO trade size	**Qty/Box**
3/4"	8
1.00" / 1-1/4" / 1-1/2" Concentric	12

BOX BOTTOM DETAIL DRAWINGS

FL-500P-2.25-B
2.25" Deep
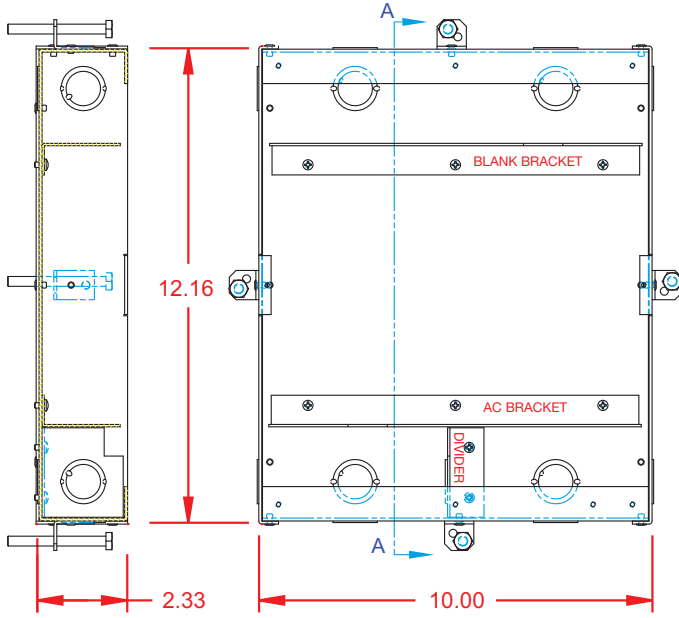
A

BLANK BRACKET

AC BRACKET

DIVIDER

A

12.16

2.33

10.00

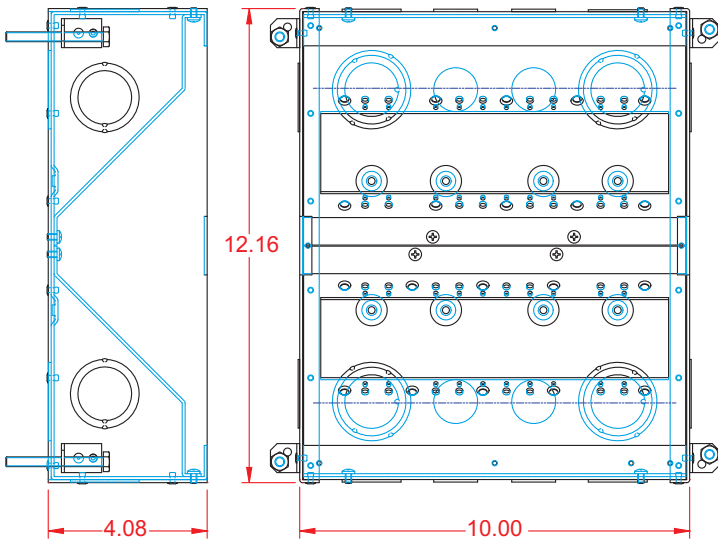*Optional brackets available for these box bottoms.*
See the ordering table for more information.

Optional brackets available for these box bottoms.
See the ordering table for more information.

FL-500P-3-B
3" Deep
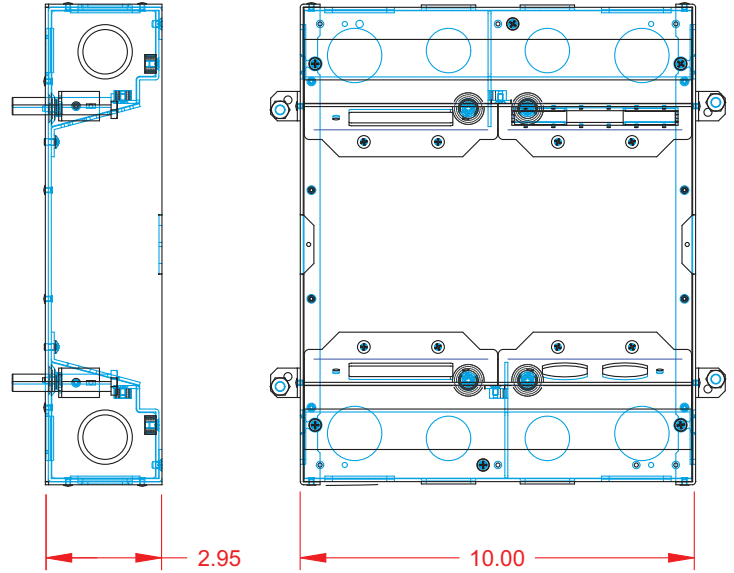
2.95

10.00

C UL US
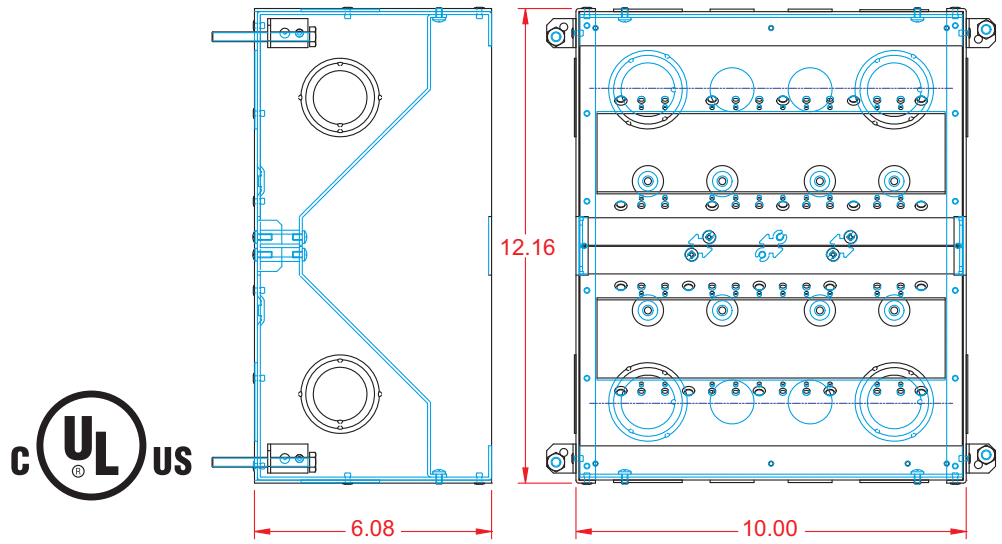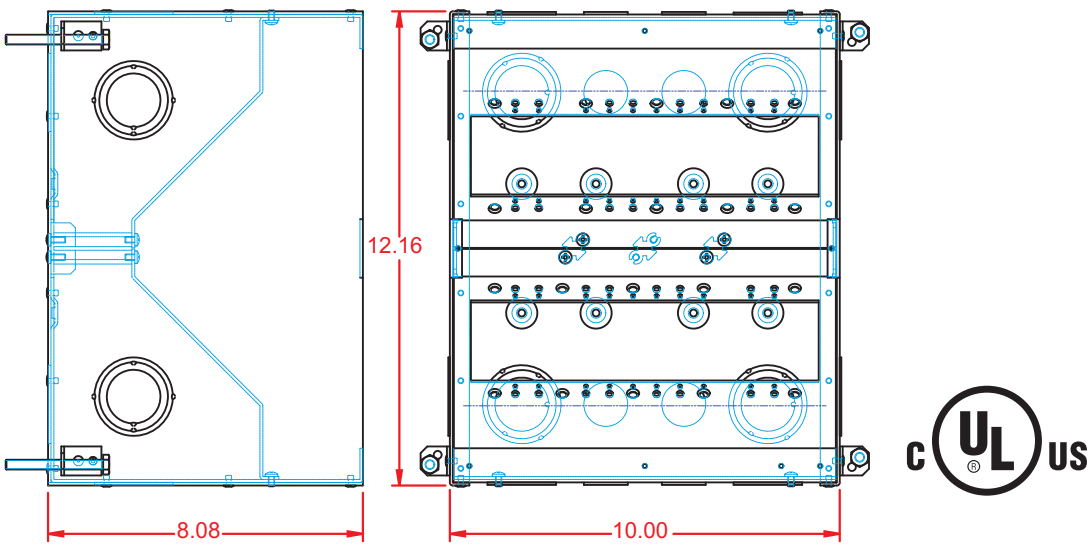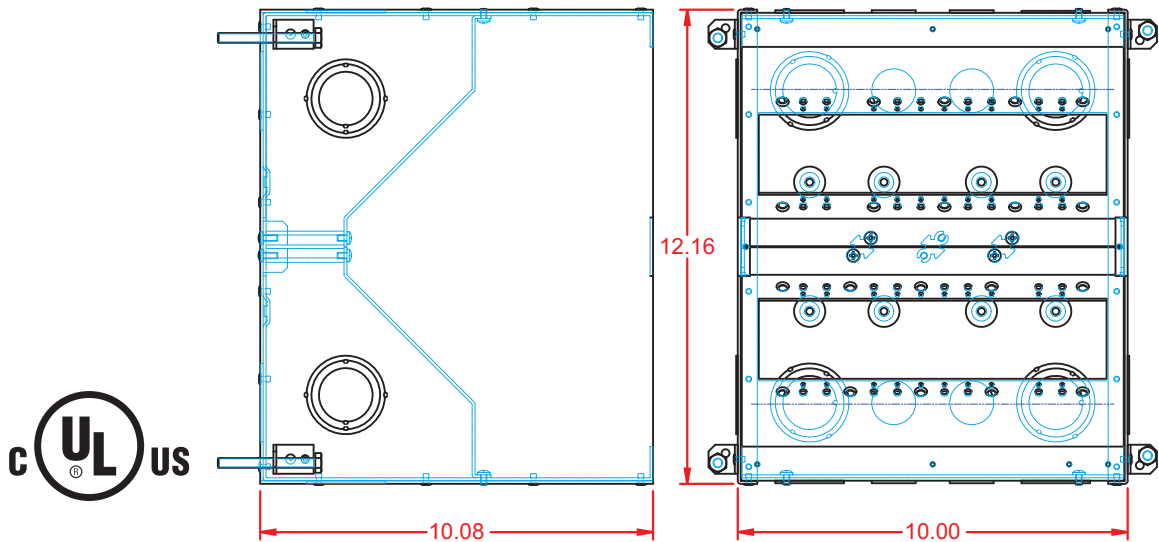
FL-500P-4-B
4" Deep

12.16

4.08

10.00

C UL US

FL-500P-6-B
6" Deep

12.16

6.08

10.00

c **UL** us

FL-500P-8-B
8" Deep

12.16

8.08

10.00

c **UL** us

FL-500P-10-B
10" Deep

12.16

10.08

10.00

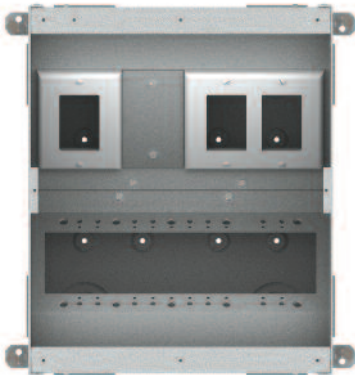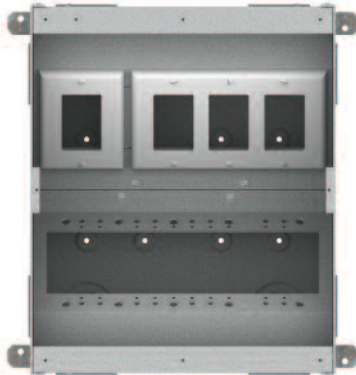c **UL** us

PLATE CONFIGURATIONS

The box contains two identical brackets and either side can be configured as shown using the included parts.

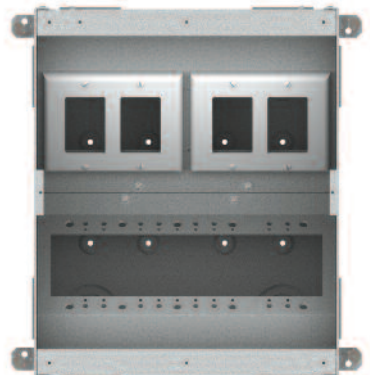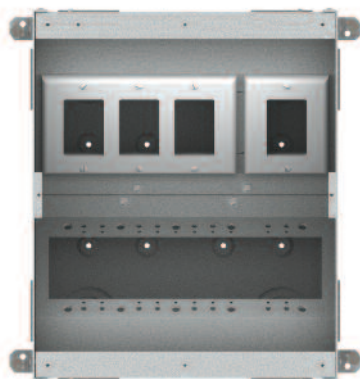### Plate Configuration 1-2

Plate Configuration 1-3

Plate Configuration 2-2

Plate Configuration 3-1

Plate Configuration 4

*Decora plates shown for reference only.

FL-500P "TRANSFORMABLE" BOX BOTTOM

Only on 4" through 10" box bottoms.

GANG PLATE DIVIDERS
Add and remove as needed to form a multitude of gang arrangement possibilities
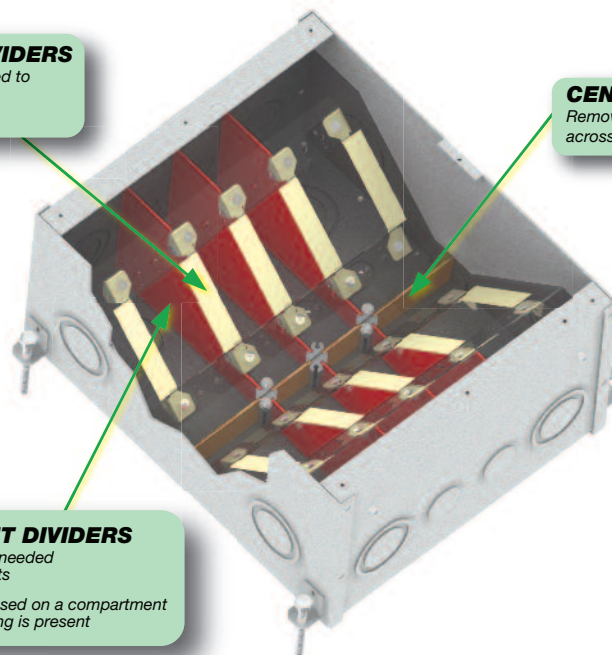
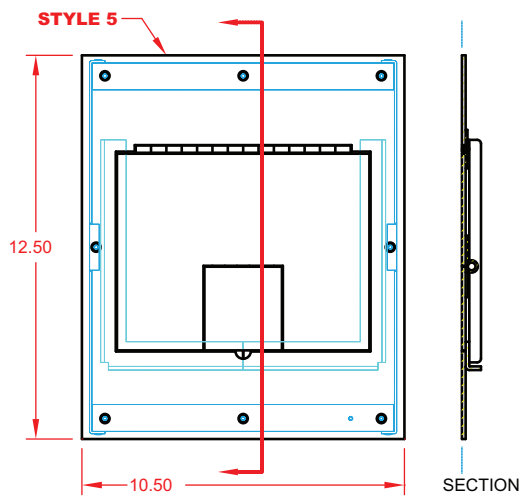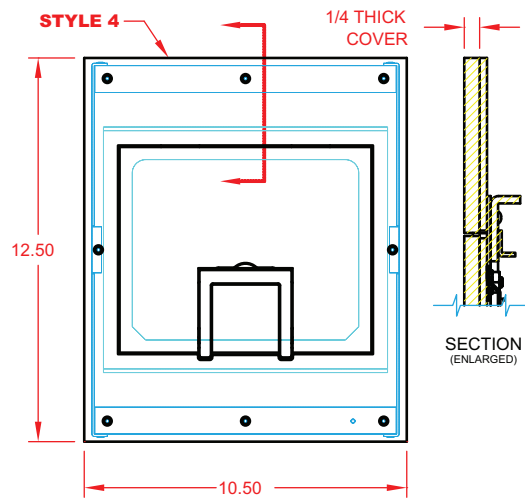**CENTER DIVIDERS**
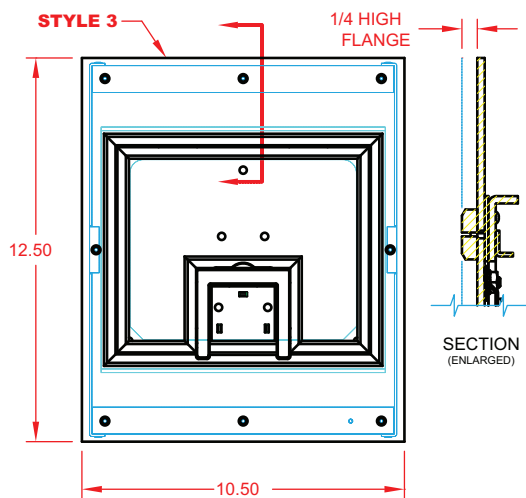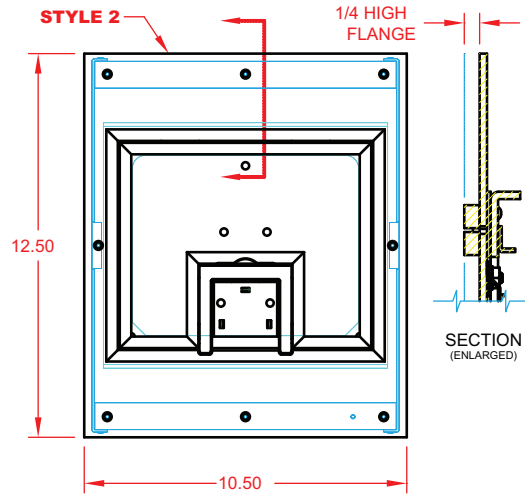Remove to run cables across compartments

COMPARTMENT DIVIDERS
Remove or arrange as needed to isolate compartments

WARNING: Must be used on a compartment where line voltage wiring is present

COVER DETAIL DRAWINGS

STYLE 1

1/2 HIGH FLANGE

12.50

10.50

SECTION
(ENLARGED)

STYLE 2

1/4 HIGH FLANGE

12.50

10.50

SECTION
(ENLARGED)

STYLE 3

1/4 HIGH FLANGE

12.50

10.50

SECTION
(ENLARGED)

STYLE 4

1/4 THICK COVER

12.50

10.50

SECTION
(ENLARGED)

STYLE 5

12.50

10.50

SECTION
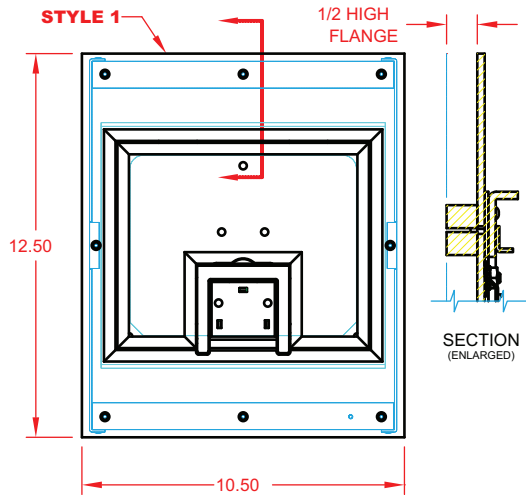
STYLE	DESCRIPTION
1	1/2" SQUARED FLANGE FOR CARPET OR TILE
2	1/4" SQUARED FLANGE FOR CARPET OR TILE
3	1/4" BEVELED FLANGE FOR CARPET
4	SOLID COVER, NO FLANGE**
5	SOLID COVER, NO FLANGE, HINGED**

**Note: Cover Shim Kit (FL-500-CSK) may be required to set the height of box "Pre-Pour" so the top of Finish Cover matches top of finished floor.

COVER OPTIONS

Wood floor installation using 1/2" brass edging on cover
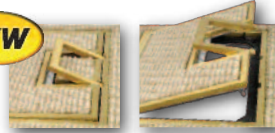
Industrial carpet installed using 1/4" beveled aluminum edging on cover

Thick carpet installation using 1/2" brass edging on cover

Ceramic tile installed using 1/2" aluminum edging on cover

1/4" painted edging with industrial carpet

1/4" solid cover in anodized aluminum or painted gray, clay or black
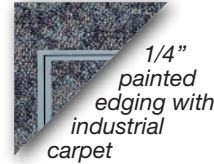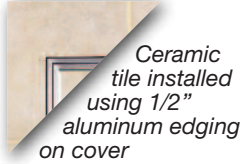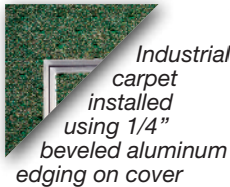
Available in brass, aluminum or painted edging to compliment floor covering.

NEW

The new U-Access cover design features a handle to easily lift the cover. All corner fasteners have been removed.

See a larger view at bit.ly/1aKZzT6 or scan this QR Code

Not all cover color options are pictured. See the ordering table below for additional options.

Floor Box Covers and box bottom ordering information
FL-500P – Requires ordering Cover and box bottom separately

Part #	Description	
U-Access Covers - UL Scrub Water Rated for Tile and Carpet Installations		
FL-500P-B-C U-Access	FL-500P Cover With 1/2" Brass Square Flange (Lift off door)	
FL-500P-BLP-C U-Access	FL-500P Cover With 1/4" Brass Beveled Flange (Lift off door)	
FL-500P-BSQ-C U-Access	FL-500P Cover With 1/4" Brass Square Flange (Lift off door)	
FL-500P-S-C U-Access	FL-500P Cover With 1/2" Aluminum Square Flange (Lift off door)	
FL-500P-SLP-C U-Access	FL-500P Cover With 1/4" Aluminum Beveled Flange (Lift off door)	
FL-500P-SSQ-C U-Access	FL-500P Cover With 1/4" Aluminum Square Flange (Lift off door)	
FL-500P-PLP-GRY-C U-Access	FL-500P Cover with 1/4" Painted Beveled Flange - Gray (Lift off door)	
FL-500P-PLP-CLY-C U-Access	FL-500P Cover with 1/4" Painted Beveled Flange - Clay (Lift off door)	
FL-500P-PLP-BLK-C U-Access	FL-500P Cover with 1/4" Painted Beveled Flange - Black (Lift off door)	
U-Access Covers - UL Scrub Water Rated - No Carpet Trim**		
FL-500P-SLD-ALM-C U-Access**	FL-500P Solid Cover w/ Cable Exit (No Flange) - Aluminum	
FL-500P-SLD-BLK-C U-Access**	FL-500P Solid Cover w/ Cable Exit (No Flange) - Black	** Shim kits may be required.
FL-500P-SLD-CLY-C U-Access**	FL-500P Solid Cover w/ Cable Exit (No Flange) - Clay	
FL-500P-SLD-GRY-C U-Access**	FL-500P Solid Cover w/ Cable Exit (No Flange) - Gray	
Covers		
FL-500P-BLK-C	Cover (No Flange) With Hinged Door in Black Sandtex	
FL-500P-OAK-C	Cover (No Flange) With Hinged Door in Lt. Oak Sandtex	
FL-500P-SS-C	Stainless Steel Cover (No Flange) with Hinged Door	
Box Bottom - UL Listed - Includes Steel Construction Cover		
FL-500P-2.25-B	FL-500P box bottom - 2.25" Deep *(Different Internal Brackets) (Not UL)*	
FL-500P-3-B	FL-500P box bottom - 3" Deep 4 x 1-Gang Areas	
FL-500P-4-B	FL-500P box bottom - 4" Deep	
FL-500P-6-B	FL-500P box bottom - 6" Deep	
FL-500P-8-B	FL-500P box bottom - 8" Deep	
FL-500P-10-B	FL-500P box bottom - 10" Deep	
Optional Box Bottom Brackets		
FL-500P-2.25-Decora	2 Decora Openings (No Divider) Replaces Blank Plate (2.25" Box Only)	
FL-500P-4-3G	3 Single Gang Openings (No Divider) Replaces 4G Plate (4" Box Only)	
FL-500P-6-3G	3 Single Gang Openings (No Divider) Replaces 4G Plate (6" Box Only)	
FL-P3"-DECORA	Optional Bracket For FL-500P/600P 3" - Decora opening	
FL-P3"-DUPLEX	Optional Bracket For FL-500P/600P 3" - Duplex opening	
FL-P3"-6IPS	Optional Bracket For FL-500P/600P 3" - 6-IPS opening	
FL-P3"-BLANK	Optional Bracket For FL-500P/600P 3" - Blank plate	
Optional Manufacturers Specific Mounting Brackets		
MMS-FL500/540P-4	Crestron DM-TX-200-C-2G Wallplate Mounting Bracket w/Blank Plate (4" deep box only)	
Pour Pan Accessories		
FL-GRD2	2" Grade Mounting Kit	
FL-GRD4	4" Grade Mounting Kit	
Optional Shim Kit**		
FL-500-CSK	Temporary and Final Cover Shim Kit	