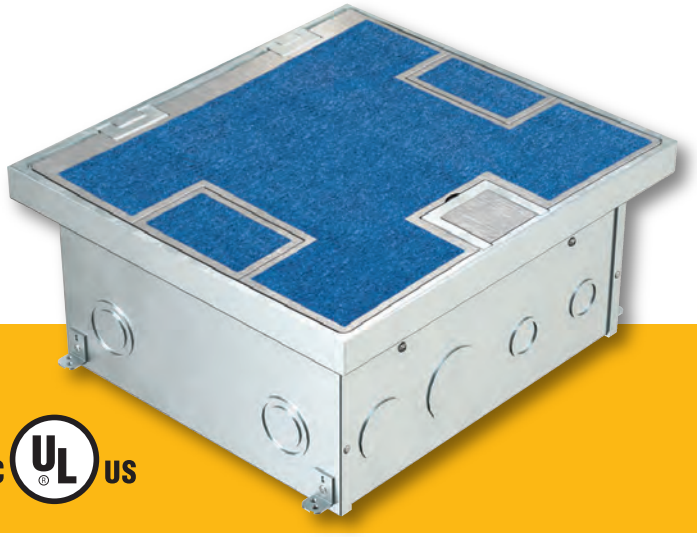
FLH6
HIGH-LOAD CAPACITY FLOOR BOXES

FSR floor box products meet the Build America Buy America Act (BABAA) and TAA requirements

FSR Metal Products Group





DESCRIPTION

Our FLH6 floor box series is a high load capacity box for environments where appearance and performance matter. The FLH6 box bottoms are customizable for low and high-voltage needs. These floor boxes are designed for high-traffic areas where heavy equipment such as forklifts, automobiles, scissor lifts, and portable stages are used.

The FLH6 comes in two stock depths and is available in many others. All come with configurable gang plates using standard-size openings and high-capacity compartments. The internal brackets can be customized in many ways to accommodate your power, audio, video, telecommunications, and data.

The FLH6 covers are rated at 20,000 pounds, making them highly durable for any work area. All covers are over 1" thick, 6061-T6 Aircraft Aluminum, and have an Anodized Finish. The solid surface covers have a non-slip attractive crosshatch texture. The carpet covers have a .19" pocket to accept today's carpets or commercial vinyl inlay. Surrounding the pocket is an attractive fine-grained finish. All covers are equipped with 2 large-capacity cable exit doors. Both covers open 190 degrees and are opened by simply lifting the FSR U Access handle.*

The floor boxes meet the UL scrub-water testing standards. Note: When this box is used on grade, it should be encased in concrete to prevent contact with the grade. To ensure compliance, we recommend using the FSR Pour Pan Accessory.

***Tested to 20,000 pounds with no permanent deformation, 9" mandrel.**

FEATURES

- *High Load Capacity Cover rated to support a load of 20,000 Pounds**
- *U-Access Handle Operation*
- *190-degree Hinged Full Access Main Door*
- *Two Large Capacity Cable Exit Doors*
- *Covers with Non-Skid Textured or Carpet Pocket*
- *Anodized Finished in Clear or Black*
- *All Aluminum Cover Materials*
- *UL Listed; Scrub Water Rated*
- *Multiple Depth Box Availability*
- *Configurable Internal Box Designs*

SPECIFICATIONS

FLH6-65-7 Box
15.5" x 14.25" x 7.33"
12 Field Configurable Gangs
4 Configurable Compartments
14ga. .075 Nom. Galvanized Steel

FLH6-30-5 Box
15.5" x 14.25" x 4.9"
4 Full Depth, 2 Shallow Gangs
6 Individual Compartments
14ga. .075 Nom. Galvanized Steel

FLH6-SLD-ALM/BLK Cover
15.31" x 14.06" x 1.21"
Non-Slip Textured Solid Surface
All Aluminum, Anodized Finish

FLH6-SSQ-ALM/BLK Cover
15.31" x 14.06" x 1.40"
3 x .19" Carpet Pockets
All Aluminum, Anodized Finish

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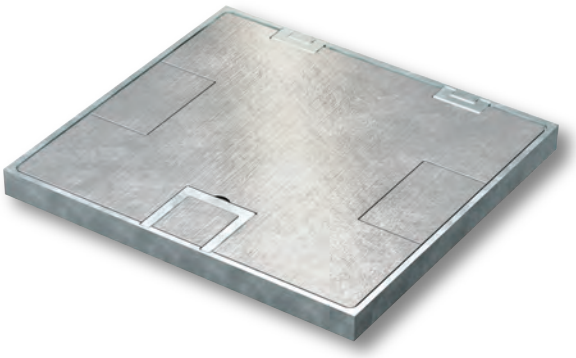
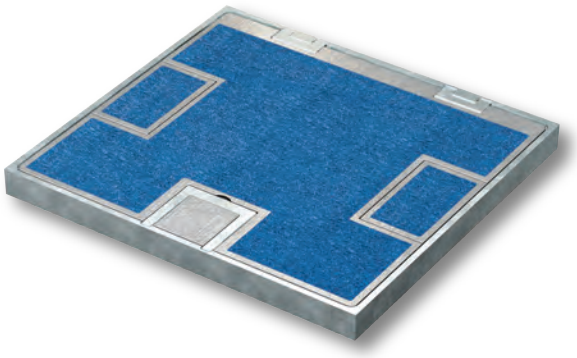
FLH6-SLD & -SSQ COVERS

FLH6-SLD-ALM or BLK



FLH6-SSQ-ALM or BLK

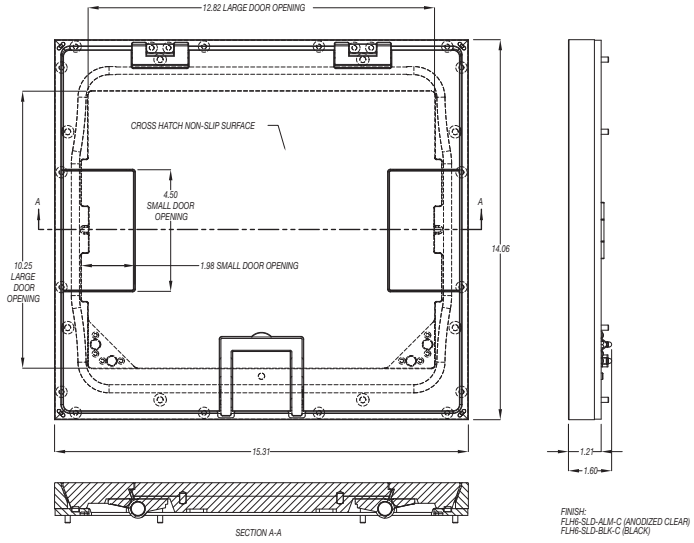


The FLH6 floor box covers are attractive, highly durable, designed for high-traffic areas where heavy equipment such as forklifts, automobiles, lifts, and portable stages are used. The covers are available in two styles and two colors. The FLH6-SLD cover has a solid surface with a anodized cross hatch textured non-skid treatment making it ideal for stained, wood or vinyl over concrete floors. The FLH6-SSQ cover has carpet pockets to inlay carpet, rubber or other thin materials to provide an environment where appearance and performance matter. Both styles of cover are available in either clear or black anodized finish.

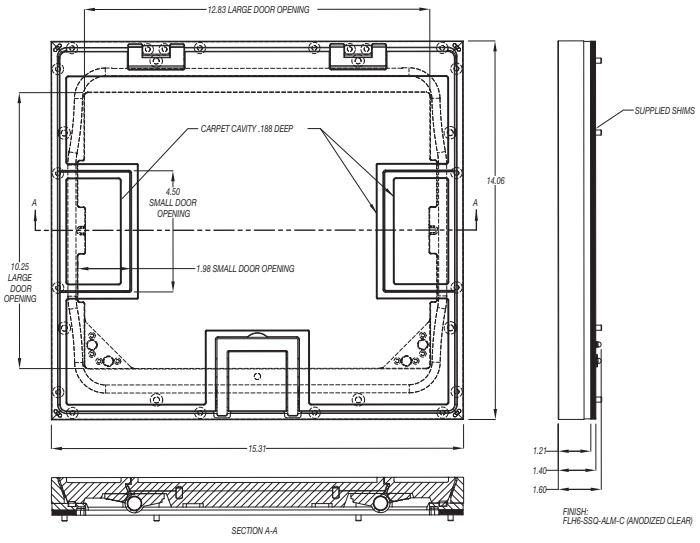
All the FLH6 covers are rated to carry a load of 20,000 pounds, making them ideal for any work area where heavy machinery is used. All covers are equipped with 2 doors, large enough to pass multiple large cables. The covers are UL listed, and Scrub water rated.*

Tested to 20,000 pounds with no permanent deformation, 9" mandrel.

FLH6-SLD COVER DIMENSIONS



FLH6-SSQ COVER DIMENSIONS



FLH6 BOX BOTTOMS

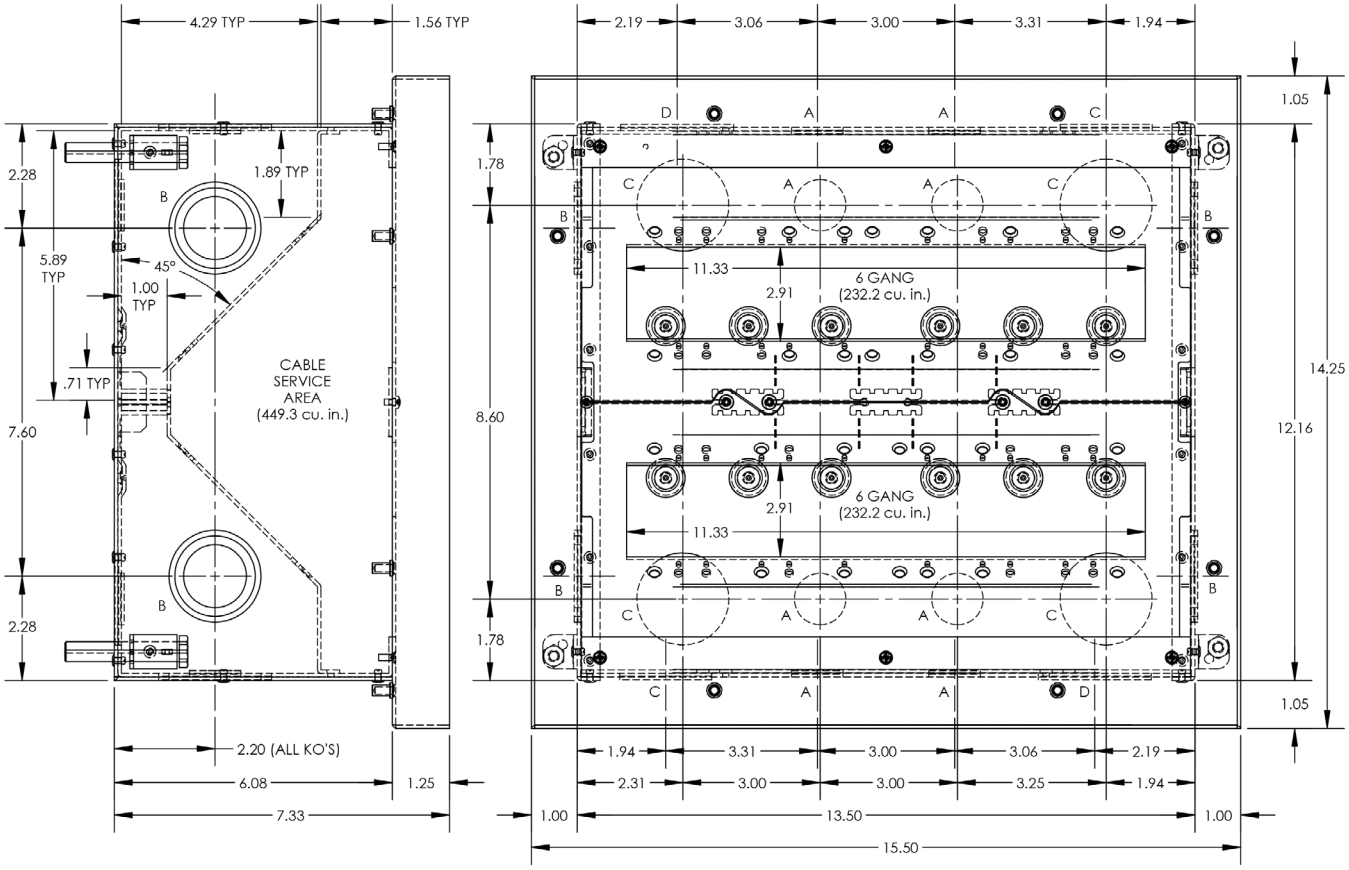
Any of the FLH6 High Load covers can be affixed onto two stock floor box bottoms.

*The **FLH6-65-7** floor box bottom is a 12-gang "transformable" box bottom. The 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.*

The box includes all 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 compartment isolation, can be implemented "on the fly". This makes just about any cabling/connector scenario possible.

*The **FLH6-30-5** has a total depth with cover of only 4.9". With its 6 possible compartments that are "pre" and "post" pour "transformable" along with the provided and optional brackets and dividers the box is perfect for power and data applications. The boxes four-main compartments can be populated with the provided 2 duplex, 2 décor and 1 6-opening IPS along with an optional extra depth décor bracket. The two side compartments can be populated with 3 different types of brackets sold separately one decor bracket included. Other semi-custom depths are available, and all boxes are UL listed.*

FLH6-65-7 BOX DIMENSIONS



KNOCKOUT CHART		
KO	**TRADE SIZE**	**QTY**
A	3/4"	8
B	1", 1-1/4", 1-1/2"	4
C	1-1/2"	6
D	2"	2

DIVIDER CONFIGURATION

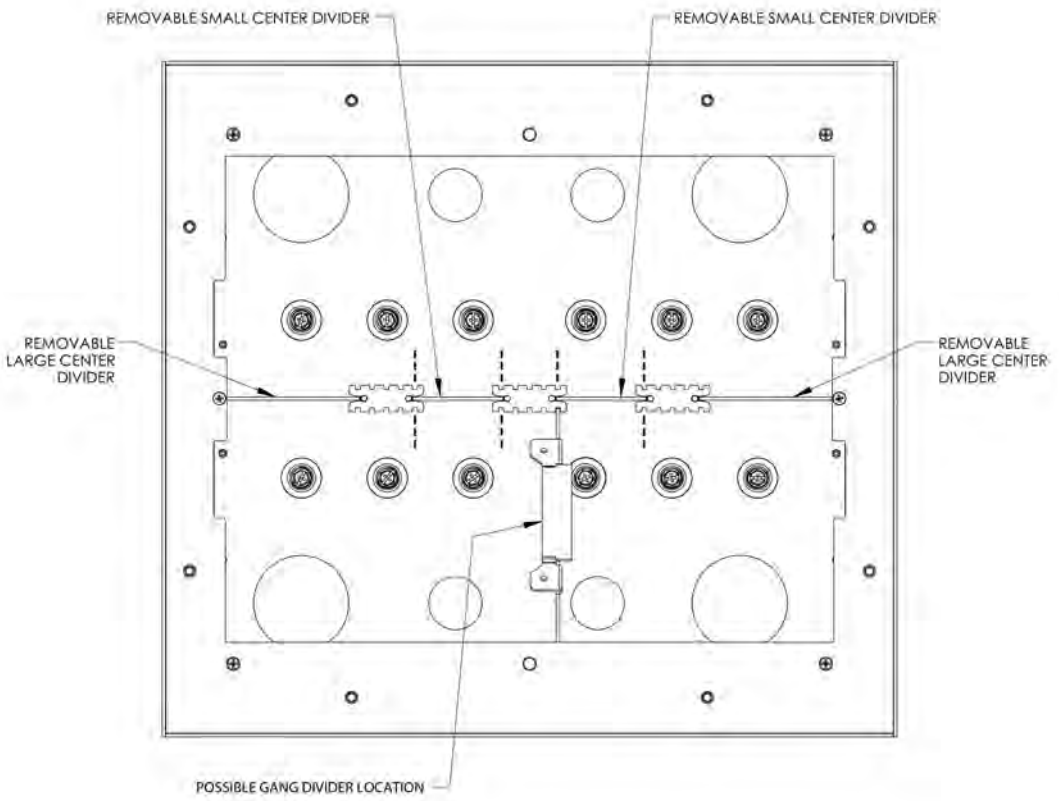
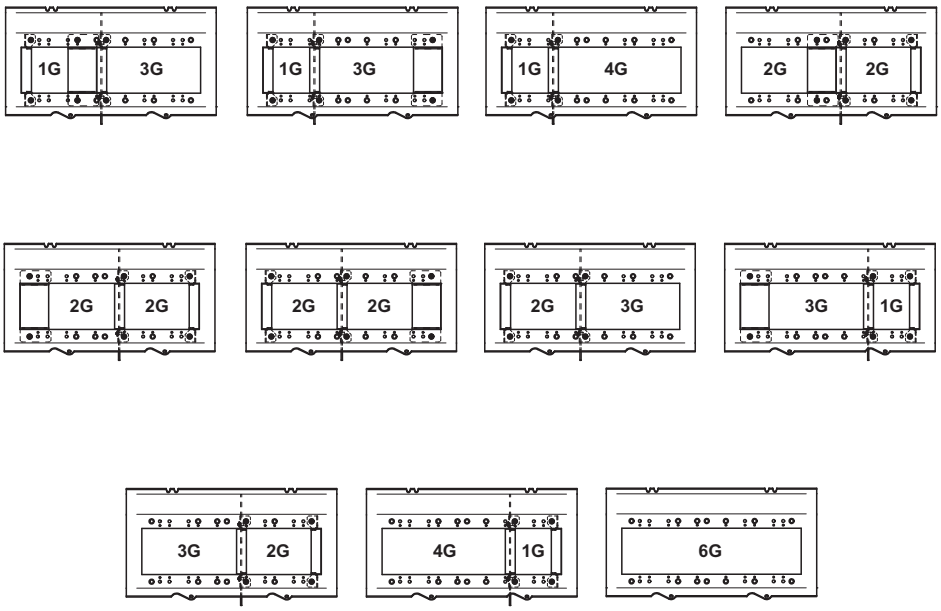


PLATE CONFIGURATIONS



TRIM OFF 3/4" SO DRILL HOLES DONT TOUCH

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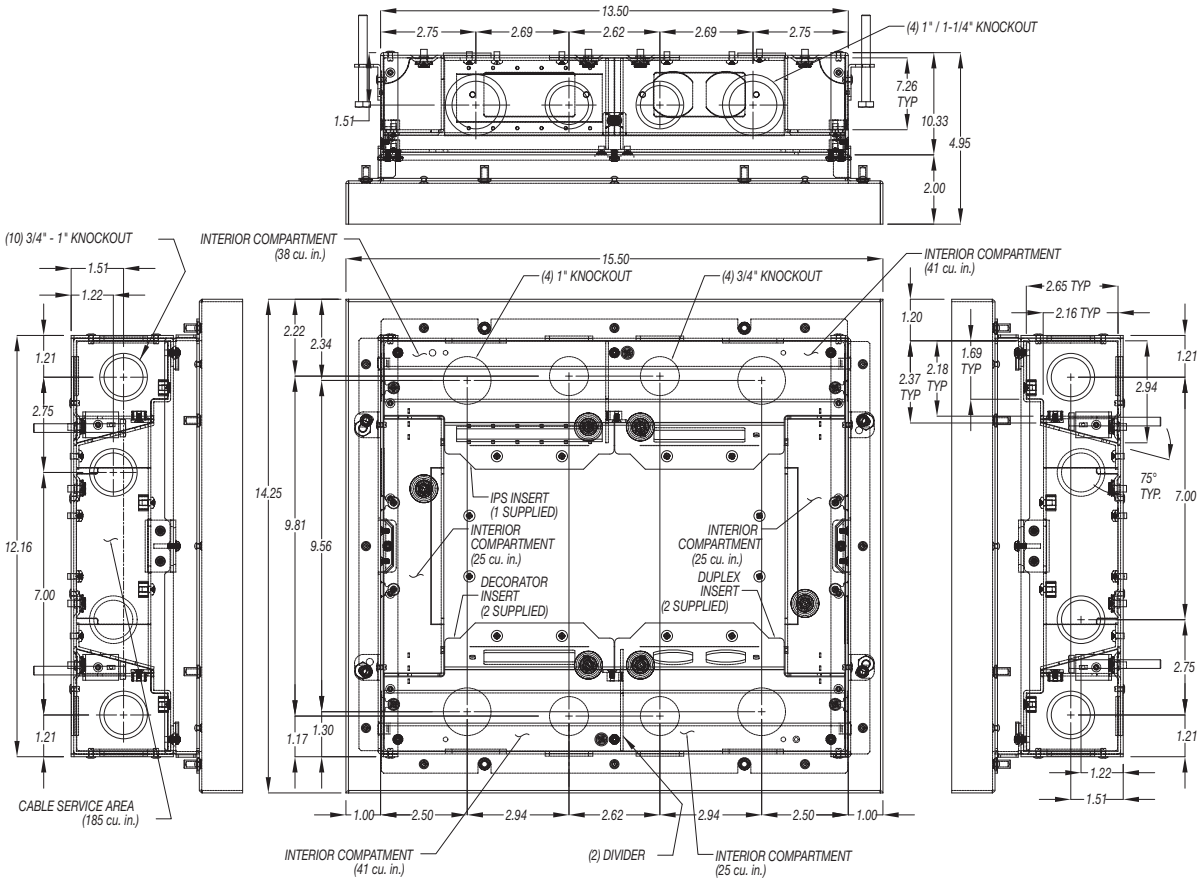
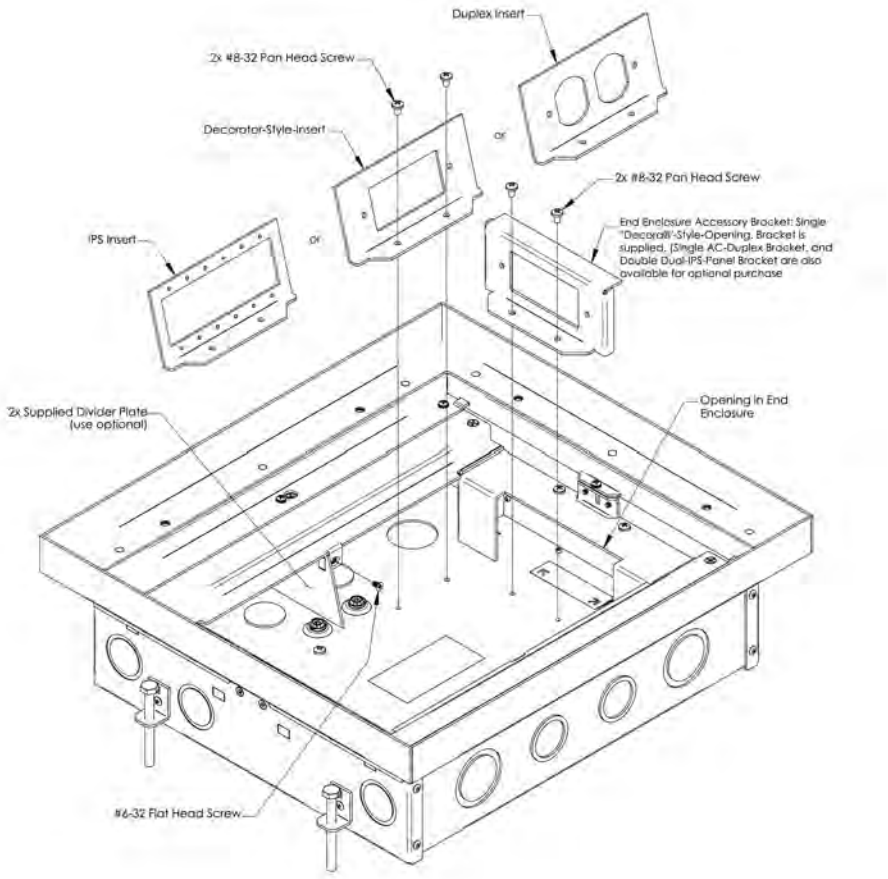
FLH6-30-5 BOX DIMENSIONS



FLH6-30-5 INSERT INSTALLATION



ORDERING TABLE

PART#	ITEM#	DESCRIPTION
UL Listed Scrub Water Rated for Tile and Carpet Installations — U-Access Covers		
18634	FLH6-SSQ-ALM-C	Hinged U-Access Floor Box Cover with .19" Aluminum Carpet Pocket
18716	FLH6-SSQ-BLK-C	Hinged U-Access Floor Box Cover with .19" Black Carpet Pocket
18633	FLH6-SLD-ALM-C	Hinged U-Access Floor Box Cover with Aluminum Solid Surface
18715	FLH6-SLD-BLK-C	Hinged U-Access Floor Box Cover with Black Solid Surface Box
Bottom - UL Listed - Includes Steel Construction Cover		
18676	FLH6-30-5-B	FLH6 Box Bottom - 5" Deep 6 x 1-Gang Compartments
18632	FLH6-65-7-B	FLH6 Box Bottom - 7" Deep 2 x 6-Gang Compartments
Optional Brackets for FLH6-30-5-B Box Bottom (END compartment areas)		
17302	FL-600P3"-EP-DEC	Decorator Optional Bracket
17303	FL-600P3"-EP-DUP	Duplex Optional Bracket
17304	FL-600P3"-EP-4IPS	4-IPS Optional Bracket
Optional brackets for FLH6-30-5-B Box Bottom (MAIN compartment areas)		
17298	FL-P3"-Decora	Decorator optional Bracket
17299	FL-P3"-Duplex	Duplex optional Bracket
17300	FL-P3"-6IPS	6-IPS optional Bracket
17301	FL-P3"-Blank	Blank optional Bracket
99771	FL-P3-DPD	Extra Deep Vertical Decorator Bracke
Pour Pan Accessories		
16212	FL-GRD2	2" Grade Mounting Kit
16213	FL-GRD4	4" Grade Mounting Kit

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MADE IN THE USA GREEN

Specifications are subject to change without notice.