# **SECTION P**

### **Table of Contents**











### Furniture and Work Surface Boxes



Product	Page
SystemOne Recessed Concrete Floor Boxes	P-2
Selecting a Concrete Floor Box	P-4
2-Gang and 4-Gang Floor Boxes and Covers	P-6
6-Gang and 10-Gang Floor Boxes and Covers	P-8
2, 4, 6 and 10-Gang Plates and Accessories	P-10
Fully Adjustable 4 inch Floor Boxes and Covers	P-14
Floor Box Applications	P-16
SystemOne Flush Floor Boxes	
Floor Box Family	P-17
Covers and Sub-Plates	P-18
Metal and Non-Metallic Concrete Floor Boxes	P-19
Sub-Plates	P-20
Configuration Chart	P-21
Flush Floor Boxes and Covers	
Round Non-Metallic, Single or Multi-Service	P-22
Round Metal, Single Service	P-23
Rectangular Non-Metallic, 1, 2, and 3-Gang	P-24
Rectangular Cast Iron, 1, 2, and 3-Gang	P-26
Rectangular Stamped Steel, 1, 2, and 3-Gang	P-27
Flush Floor Boxes for Wooden Floors	P-28
Floor Box Cover to Receptacle Compatibility Chart	P-29
Accessories	P-30

Product	Page
Recessed Concrete Floor Boxes and Covers	
Fire-Classified Solutions for 7 and 11-Gang Boxes	P-32
7 and 11-Gang Series	P-33
8-Gang Ballroom Series	P-34
Above-Floor Service Fittings (Single Service)	P-35
Convention Center Utility Boxes	P-36
CONNEXION 2.0 Zone Distribution System	P-38
Zone Boxes, Splitters and Cables	P-39
Custom Pre-Wired Access Floor Boxes	P-40
SystemOne Recessed Raised Access and Wood Floor Bo	xes
2 and 4-Gang Rectangular Floor Boxes	P-44
4-Gang Round Floor Boxes, Covers and Plates	P-46
10-Gang Rectangular Floor Boxes and Covers	P-47
6 inch Furniture Feed Floor Boxes and Covers	P-51
Furniture / Work Surface Boxes and Table Top Boxes	P-53
2X2 USB Work Surface Pop-Up Box	P-54
Pre-Wired Work Surface Series	P-55
Pre-Wired Work Surface Elite Series	P-56
AV In-Wall and Ceiling Enclosures	P-57
Gangable AV and Large Capacity Wall Boxes	P-58

### Products at a Glance



### 2-Gang Recessed

The Hubbell SystemOne 2-Gang Recessed Concrete Floor Box offers eight styles, satisfying the requirements of almost any commercial building application. Rectangular or round covers, as well as furniture feed covers, are available in a variety of finishes to blend with any existing or new décor. A parallel-device layout reduces plug interference, maximizing functionality and performance.



### 4-Gang Recessed

Similar to the 2-Gang Recessed Concrete Floor Box, Hubbell's SystemOne 4-Gang Recessed Concrete Floor Box is available with rectangular or round covers. Ten different styles make it possible to meet the electrical requirements of most commercial projects - new construction or renovation. The parallel device layout maximizes functionality which can be limited when devices are mounted 90° from one another.



### 6-Gang Recessed

Increased power, data, and AV capacity is what the Hubbell SystemOne 6-Gang Recessed Concrete Floor Box was designed to handle. Four styles allow the floor box to work within almost any commercial application to enhance connectivity. Rectangular and round covers are available in a variety of finishes that work with any aesthetic or finish.



### 10-Gang Recessed

With maximum capacity in a small footprint, the 10-Gang box provides a uniform look with rectangular or round covers that are available in several finishes to complement existing décor. Electrical devices are mounted vertically and are mounted to the plate prior to securing it to the box. Two inch knockouts are designed into each box allowing for simple installation of AV cables with pre-connectorized heads and specific bend radius requirements.

### Cover

- Available in round, rectangular and furniture feed styles
- 180° cover opening
- Two large cable egress doors
- Listed to UL 514A and UL scrub water compliant
- Die cast aluminum cover construction
- All covers are ADA compliant



Post pour adjustment

### Box

- 16 gauge galvanized sheet metal and cast iron construction
- Optional fusion-bonded, green epoxy paint for on-grade use
- 6 in. solid conductor ground pigtail in each gang
- 3 in. deep version accepts adapter (CFBHUB2) for 2 in. conduit
- Pre pour adjustment
- Meets UL 514A requirements and are UL scrub water compliant
- Patent pending, labor saving, easy mount device plates

### **Features and Benefits**

### **SystemOne Recessed Concrete Floor Boxes**

Featuring the unique capabilities of Hubbell's SystemOne family design. Hubbell has expanded its floor box offering to provide industry leading flexibility while accommodating an extensive range of applications. Hubbell SystemOne is constructed to give customers the ability to create personal solutions for their most demanding, power, data and audio/video requirements.





### Family Look

Hubbell SystemOne Recessed
 Floor Box line offers a common look
 regardless of capacity or installation.
 This simple concept ensures a
 consistent look throughout a building
 with rectangular or round covers.
 Round covers lend themselves to
 multi-story buildings also using Fire Rated Poke-Through devices



### Covers

 All SystemOne covers are ADA compliant. The doors open to 180° for maximum access. Cables and plugs are protected by recessed connections



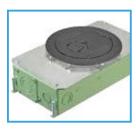
### 1 Screw 3 Fasteners

 Pre-wired duplex or Style Line<sup>®</sup> receptacles with 8 in. stranded leads are installed into plates to allow for even more labor savings



### **Easy Mount Device Plates**

- The Easy Mount device plates allow for a device to be mounted to the plate and wired outside of the floor box.
   The device and plate assembly are then easily installed and secured with one stud that locates the plate and one screw to secure it
- This patent pending device fastening method maximizes efficiency while reducing install time and comes standard with all device plates for 2, 4 and 6-gang boxes



### **CR Version**

 Coated with fusion-bonded epoxy paint to help prevent corrosion and intended for on-grade use

### Selecting a SystemOne Recessed Concrete Floor Box

To assist with the floor box selection process, please have the following information available:

Electrical requirements:	Application:	Cover style:
Power (each electrical device requires one gang) Data/AV (consult manufacturers' specification for size/ volume requirements), number required. Add up total number to determine needed capacity. If necessary capacity is not shown round up to next size. Example: 9-Gang rounds up to a 10-Gang floor box	On-grade (OG) Above-grade (AG) Minimum concrete pour depth	Round Rectangular

Once this information is gathered start on the capacity column:

- 1 Capacity: Select necessary box.
- 2 Application: Select the concrete pour depth and on-grade or above-grade application.
- 3 Cover style: Select round or rectangular cover.
- 4 Locate interconnecting point of all three categories and move to right to select correct catalog number.

		Application - Minimum Pour Depth 2										Corrosion Resistant	LO.	]				
		2 1/2	in.	3	in.	3 1/4	in.	3 ¾	í in.	5 ½	in.	6 1/4	in.	Steel	orros sista	Cast Iron		
		AG	OG	AG	OG	AG	OG	AG	OG	AG	OG	AG	OG	Ste	0 g	Ö		
		•												•			CFB2G25	
			•												•		CFB2G25CR	
	ರಾ			•										•			CFB2G30	
	ä				•										•		CFB2G30CR	
	2-Gang					•								•			CFB2G25R	
	N						•								•		CFB2G25RCR	
								•						•			CFB2G30R	
0									•						•		CFB2G30RCR	4
<u>:</u>		•												•			CFB4G25	
oac			•												•		CFB4G25CR	pe
Cap				•										•			CFB4G30	T I
S	D				•										•		CFB4G30CR	b b
ent	4-Gang					•								•			CFB4G25R	talo
em	<u>-</u>						•								•		CFB4G25RCR	Cal
lair.	4							•						•			CFB4G30R	ct
Rec									•						•		CFB4G30RCR	orre
ial					•											•	CFB4G30CI	Č
Electrical Requirements - Capacity									•							•	CFB4G30RCI	Select Correct Catalog Number
ec	D			•										•			CFB6G30	Se
	6-Gang				•										•		CFB6G30CR	
	Q							•						•			CFB6G30R	
	0								•						•		CFB6G30RCR	
ľ	D									•				•			CFB10G55	
	än										•				•		CFB10G55CR	
	10-Gang											•		•			CFB10G55R	
	1(												•		•		CFB10G55RCR	
		Recta	ngular	Recta	ıngular	Roi	und	Ro	und	Recta	ngular	Ro	und					
						С	over S	Style	3									

### **Features and Benefits**

### **SystemOne Recessed Benefits and Enhancements**

### **Functionality**

Cables and connections are protected by recessed functionality

• Open architecture sub-plate design

Common door layout regardless of flange for harmonized look

 Meets UL 514A scrub water requirements with ScrubShield® technology

• Easy selection with common look for all floor types

#### Value

- Enhance building décor with numerous finishes
- Increase durability and longevity with cast aluminum covers

### **Online Resources**

 BIM models, customer drawings and technical specifications are available on www.hubbell-wiring.com





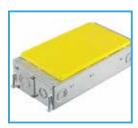
### Safety

- Flush flange available for tile, finished concrete or Terrazzo
- Surface flange available for carpeted floors with 0.15 in. rise meets ADA requirements
- Hideaway egress doors fold under cover while in use
- 180° opening of main door



### Covers

 All SystemOne covers are ADA compliant. The doors open to 180° for maximum access. Cables and plugs are protected by recessed connections



### Concrete Pour Pocket Cap

 In concrete applications, all SystemOne Recessed floor boxes include a yellow factory installed, field-removable pour pocket cap provides a pocket in the final floor to accept the covers intended for terrazzo, tile, or finished concrete floor. The cap may not be used for carpet, wood or engineered floors



### **Extension Caps**

 Pre-pour extension caps allows the box to be recessed up to 1 inch into the concrete floor



### **CR Version**

 Corrosion resistant epoxy paint intended for on-grade use, the CR version is coated with fusion-bonded epoxy paint to help prevent corrosion



### 2 Inch Conduit Ready

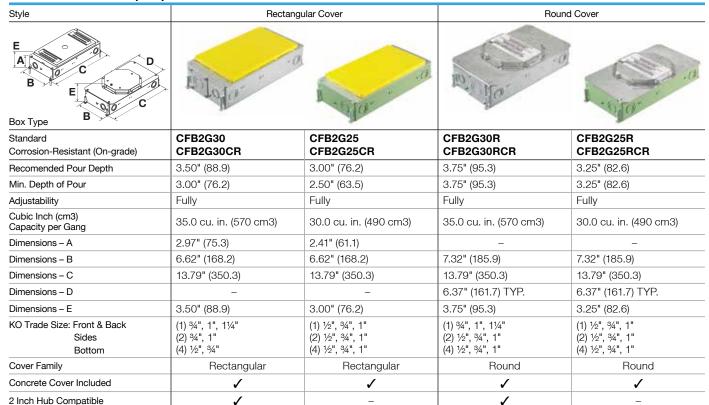
• To meet expanding AV and data needs, the Hubbell SystemOne Recessed Floor Box line readily accepts 2 inch conduits with the use of a 2 inch threaded conduit hub. The offset design allows for less conduit lifting while threading and the hub mounting holes are asymmetrical for installation efficiency





### SystemOne Recessed 2-Gang Floor Boxes and Covers, for Use In Concrete Floors

### **Dimensions Inches (mm)**



### **Rectangular Covers**

- Compatible with CFB2G25, CFB2G25CR, CFB2G30 and CFB2G30CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 800 lbs. with 2x safety factor\*
- · Surface style typical applications: Carpet, VCT
- Flush style typical applications: Tile, finished concrete and Terrazzo floors

Cover dimensions 1111/16 in. x 73/16 in.				Cover dimensions 1011/16 in. x 63/16 in.			
Finish	Surface Furniture Feed Surface with Insert (1 in. and 2 in. Plugs) Flu			Flush	Flush with Insert	Furniture Feed (1 in. and 2 in. Plugs)	
Aluminum Powder Coat Black Powder Coat Brass Powder Coat Bronze Powder Coat Satin Nickel Powder Coat	24GCCVRALU 24GCCVRBK 24GCCVRBRS 24GCCVRBRZ 24GCCVRNK	24GCCVRALUC 24GCCVRBKC 24GCCVRBRSC 24GCCVRBRZC 24GCCVRNKC	24GCFFCVRALU 24GCFFCVRBK 24GCFFCVRBRS 24GCFFCVRBRZ 24GCFFCVRNK	24GTCVRALU 24GTCVRBK 24GTCVRBRS 24GTCVRBRZ 24GTCVRNK	24GTCVRALUC 24GTCVRBKC 24GTCVRBRSC 24GTCVRBRZC 24GTCVRNKC	24GTFFCVRALU 24GTFFCVRBK 24GTFFCVRBRS 24GTFFCVRBRZ 24GTFFCVRNK	













### **6 Inch Round Covers**

- Compatible with CFB2G25R, CFB2G25RCR, CFB2G30R and CFB2G30RCR
- Cover has a 7½ in. outer diameter and two large cable egress doors and access 180° opening
- Maximum static load of 1,000 lbs. with 2x safety factor\*

Finish	Flush Surface	Furniture Feed (¾ in. and 2 in. Plugs)
Brushed Aluminum	CFBS1R6CVRALU	CFBS1R6FFCVRALU
Black Powder Coat	CFBS1R6CVRBLK	CFBS1R6FFCVRBLK
Brass Plated	CFBS1R6CVRBRS	CFBS1R6FFCVRBRS
Bronze Plated	CFBS1R6CVRBRZ	CFBS1R6FFCVRBRZ
Gray Powder Coat	CFBS1R6CVRGRY	CFBS1R6FFCVRGRY
Satin Nickel Plated	CFBS1R6CVRNKL	CFBS1R6FFCVRNKL





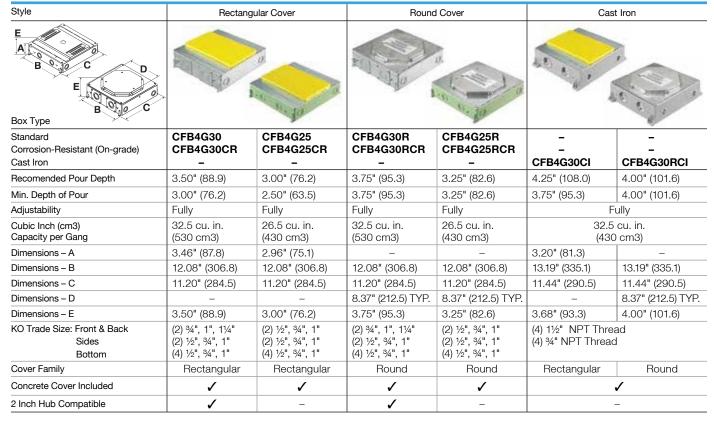
Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.





### SystemOne Recessed 4-Gang Floor Boxes and Covers, for Use In Concrete Floors

### **Dimensions Inches (mm)**



### **Rectangular Covers**

- Compatible with CFB4G25, CFB4G25CR, CFB4G30 and CFB4G30CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 800 lbs. with 2x safety factor\*
- Surface style typical applications: Carpet, VCT
- Flush style typical applications: Tile, finished concrete and Terrazzo floors

	Cover dimensions 1011/16 in. x 63/16 in.						
Finish	Surface	Surface Furnit with Insert (1 in. a		Flush	Flush with Insert	Furniture Feed (1 in. and 2 in. Plugs)	
Aluminum Powder Coat Black Powder Coat Brass Powder Coat Bronze Powder Coat Satin Nickel Powder Coat	24GCCVRALU 24GCCVRBK 24GCCVRBRS 24GCCVRBRZ 24GCCVRNK	24GCCVRALUC 24GCCVRBKC 24GCCVRBRSC 24GCCVRBRZC 24GCCVRNKC	24GCFFCVRALU 24GCFFCVRBK 24GCFFCVRBRS 24GCFFCVRBRZ 24GCFFCVRNK	24GTCVRALU 24GTCVRBK 24GTCVRBRS 24GTCVRBRZ 24GTCVRNK	24GTCVRALUC 24GTCVRBKC 24GTCVRBRSC 24GTCVRBRZC 24GTCVRNKC	24GTFFCVRALU 24GTFFCVRBK 24GTFFCVRBRS 24GTFFCVRBRZ 24GTFFCVRNK	













### 8 Inch Round Covers

- Compatible with CFB4G25R, CFB4G25RCR, CFB4G30R, CFB4G30RCR and CFB4G30RCI
- Cover has a 9½ in. outer diameter and two large cable egress doors and access 180° opening
- Maximum static load of 1.000 lbs, with 2x safety factor\*

Waximum static load of 1,000 lbs. With 2x safety factor					
Finish	Flush Surface				
Brushed Aluminum	CFBS1R8CVRALU				
Black Powder Coat	CFBS1R8CVRBLK				
Brass Plated	CFBS1R8CVRBRS				
Bronze Plated	CFBS1R8CVRBRZ				
Gray Powder Coat	CFBS1R8CVRGRY				
Satin Nickel Plated	CFBS1R8CVRNKL				



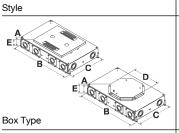
Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.



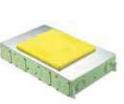


### SystemOne Recessed 6-Gang Floor Boxes and Covers, for Use In Concrete Floors

### **Dimensions Inches (mm)**











box Type						
Standard Corrosion-Resistant (On-grade)	CFB6G30	- CFB6G30CR	CFB6G30R	- CFB6G30RCR		
Recomended Pour Depth	3.50" (88.9)	3.50" (88.9)	3.75" (95.3)	3.75" (95.3)		
Min. Depth of Pour	3.00" (76.2)	3.00" (76.2)	3.75" (95.3)	3.75" (95.3)		
Adjustability	Fully	Fully	Fully	Fully		
Cubic Inch (cm3) Capacity per Gang	33 cu. in./89 cu. in. (535 cm3/1450 cm3)	33 cu. in./89 cu. in. (535 cm3/1450 cm3)	33 cu. in./89 cu. in. (535 cm3/1450 cm3)	33 cu. in./89 cu. in. (535 cm3/1450 cm3)		
Dimensions – A	3.00" (76.2)	3.00" (76.2)	_	_		
Dimensions – B	18.48" (469.4)	18.48" (469.4)	17.45" (443.2)	17.45" (443.2)		
Dimensions – C	11.62" (295.1)	11.62" (295.1)	11.60" (294.5)	11.60" (294.5)		
Dimensions – D	_	_	8.37" (212.5) TYP.	8.37" (212.5) TYP.		
Dimensions – E	3.46" (87.8)	3.46" (87.8)	3.75" (95.3)	3.75" (95.3)		
KO Trade Size: Front & Back Sides Bottom	(4) ¾", 1", 1½" (2) ¾", 1", 1½", 1½" (4) ¾", 1", 1½", 1½"	(4) 3/4", 1", 11/4" (2) 3/4", 1", 11/4", 11/2" (4) 3/4", 1", 11/4", 11/2"	(4) ¾", 1", 1½" (2) ¾", 1", 1½", 1½" (4) ¾", 1", 1½", 1½"	(4) 3/4", 1", 11/4" (2) 3/4", 1", 11/4", 11/2" (4) 3/4", 1", 11/4", 11/2"		
Cover Family	Rectangular	Rectangular	Round	Round		
Concrete Cover Included	✓	✓	<b>√</b>	✓		
2 Inch Hub Compatible	1	✓	<b>✓</b>	<b>√</b>		

### **Rectangular Covers**

- Compatible with CFB6G30 and CFB6G30CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1,500 lbs. with 2x safety factor\*
- Surface style typical applications: Carpet, VCT
- Flush style typical applications: Tile, finished concrete and Terrazzo floors

	Cover dime	ensions 11½ in. x 10 in.	Cover dime	Cover dimensions 10½ in. x 9 in.		
Finish	Surface	Surface with Insert	Flush	Flush with Insert		
Aluminum Powder Coat Black Powder Coat Brass Powder Coat Bronze Powder Coat Satin Nickel Powder Coat	610GCCVRALU 610GCCVRBK 610GCCVRBRS 610GCCVRBRZ 610GCCVRNK	610GCCVRALUC 610GCCVRBKC 610GCCVRBRSC 610GCCVRBRZC 610GCCVRNKC	610GTCVRALU 610GTCVRBK 610GTCVRBRS 610GTCVRBRZ 610GTCVRNK	610GTCVRALUC 610GTCVRBKC 610GTCVRBRSC 610GTCVRBRZC 610GTCVRNKC		









### **8 Inch Round Covers**

- Compatible with CFB6G30R and CFB6G30RCR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1,000 lbs. with 2x safety factor\*

Finish	Surface
Brushed Aluminum	CFBS1R8CVRALU
Black Powder Coat	CFBS1R8CVRBLK
Brass Plated	CFBS1R8CVRBRS
Bronze Plated	CFBS1R8CVRBRZ
Gray Powder Coat	CFBS1R8CVRGRY
Satin Nickel Plated	CFBS1R8CVRNKL



Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.





### SystemOne 2, 4 and 6-Gang Plates and Accessories

### Plates for Use in 2, 4 and 6-Gang Floor Boxes

 11 6	14A	lict	$\sim \sim$

Cat. No.	FBMPBNK	FBMPFT	FBMPTRAC	FBMP6KS
Plate Style	1-Gang Blank	Cable Feed Through with Bushing	(1) Opening for TracJack <sup>®</sup> or Series II <sup>®</sup>	(1) Opening with Hubbell ISF6 Frame for Keystone Jacks
Cat. No.	FBMP2IM	FBMP15IM	FBMP139	FBMP156
Plate Style	(2) 1U Hubbell iStation Openings	(1) 1.5U Hubbell iStation Opening	(1) Simplex Opening 1.40 in. Diameter	(1) Twist-Lock <sup>®</sup> Opening 1.60 in. Diameter
		00		
Cat. No.	FBMPREC	FBMPDUP	FBMPMAAP	FBMPAAP
Style	Opening	Opening	MAAP Openings	Openings
Plate	(1) Decorator	(1) Duplex	(2) Extron®	(2) Extron®











### **Pre-Wired Device Plates**

- Reduces wiring and installation times
- 8 in. stranded leads mounted to the face plate

Description	Туре	15A	20A
Duplex, Gray.	Standard	PWFBMPCR15GRY	PWFBMPCR20GRY
	Tamper-Resistant	PWFBMPCR15GRYTR	PWFBMPCR20GRYTR
Decorator, Gray.	Standard	PWFBMPDR15GRY	PWFBMPDR20GRY
	Tamper-Resistant	PWFBMPDR15GRYTR	PWFBMPDR20GRYTR

### Accessories

Description			Catalog Number
2 in. threaded zinc hub for use with CFB2G30, CF CFB6G30 series floor boxes; replaces CFBKOPL	CFBHUB2		
Replacement knock-out plate.		Standard Epoxy Coating	CFBKOPLATE CFBKOPLATECR
Replacement wire-way, used to pass wires		2-Gang	4 and 6-Gang
from one compartment to the other, for use in rectangular boxes.	CFB2G30/CR CFB4G30/CR CFB4G25/CR	CFB2WW	CFB46WW CFB4WW
Stackable ring to increase box height and concrete pour depth by % in. increments above top plane of floor box. One ring per % in. depth increase.  Must be installed before concrete pour.		CFB6RCVRR075	CFB8RCVRR075
Finished floor height adjustment ring - increase post pour adjustment; use with round cover series.	0 - ¼ in. ¼ in ½ in. ½ in ¾ in.	CFB6RCVRR1* CFB6RCVRR2 CFB6RCVRR3	CFB8RCVRR1** CFB8RCVRR2 CFB8RCVRR3
2 and 4-gang rectangular pre-pour ½ in. extension	caps (2 pack).		24GEXTENDCAP2PK
6 and 10-gang rectangular pre-pour ½ in. extension	on caps (2 pack)	).	610GEXTENDCAP2PK

Note: \*Included with standard CFB2G30R and CFB2G25R series. \*\*Included with standard CFB4G30R and CFB4G25R series.

Extron® is a registered trademark of Extron Electronics.

Crestron® is a registered trademark of Crestron Electronics, Inc.
FSR® is a registered trademark of FSR Inc.











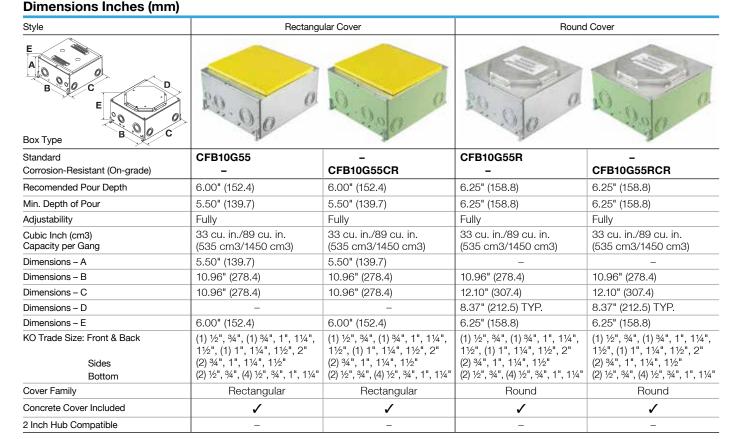


Dimensions in Inches (mm)





# SystemOne Recessed 10-Gang Floor Boxes and Covers, for Use In Concrete Floors



### **Rectangular Covers**

- Compatible with CFB10G55 and CFB10G55CR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1,500 lbs. with 2x safety factor\*
- Surface style typical applications: Carpet, VCT
- Flush style typical applications: Tile, finished concrete and Terrazzo floors

	Cover dime	over dimensions 11½ in. x 10 in.		ver dimensions 10½ in. x 9 in.	
Finish	Surface	Surface with Insert	Flush	Flush with Insert	
Aluminum Powder Coat Black Powder Coat Brass Powder Coat Bronze Powder Coat Satin Nickel Powder Coat	610GCCVRALU 610GCCVRBK 610GCCVRBRS 610GCCVRBRZ 610GCCVRNK	610GCCVRALUC 610GCCVRBKC 610GCCVRBRSC 610GCCVRBRZC 610GCCVRNKC	610GTCVRALU 610GTCVRBK 610GTCVRBRS 610GTCVRBRZ 610GTCVRNK	610GTCVRALUC 610GTCVRBKC 610GTCVRBRSC 610GTCVRBRZC 610GTCVRNKC	









### **8 Inch Round Covers**

- Compatible with CFB10G55R and CFB10G55RCR
- Two large cable egress doors and access 180° opening
- Maximum static load of 1,000 lbs. with 2x safety factor\*

Finish	Surface	
Brushed Aluminum	CFBS1R8CVRALU	
Black Powder Coat	CFBS1R8CVRBLK	
Brass Plated	CFBS1R8CVRBRS	
Bronze Plated	CFBS1R8CVRBRZ	
Gray Powder Coat	CFBS1R8CVRGRY	
Satin Nickel Plated	CFBS1R8CVRNKL	



Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.





### SystemOne 10-Gang Plates and Accessories

### **CFB10 Series - Plates**

Cat. No.	FB10MPREC	FB10MPDUP	FB10MPBNK	FB10MPKEY	FB10MPTRAC
Style	Opening	Opening	Blank	Including Hubbell ISF6GY	(6) Ortronics TrackJack®
Plate	(1) Decorator	(1) Duplex		Decorator Opening Plate	(2) Openings to Accommodate















(1) Twist-Lock® Opening
Plate 1.60 in. Dia.
Style (Uses 2-Gangs)
Cat. No. **FB10TLA** 

(1) Simplex Opening 1.40 in. Dia. (Uses 2-Gangs)

(2) Twist-Lock® Opening 1.60 in. Dia. (Uses 3-Gangs)

(2) Simplex Opening 1.40 in. Dia. (Uses 3-Gangs)

(1) Opening for Appliance Receptacle (Uses 3-Gangs)











Plate (3) Twist-Lo

Style

Cat. No.

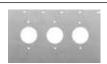
(3) Twist-Lock® Opening 1.60 in. Dia. (Uses 5-Gangs) **FB10TLC** 

(3) Simplex Opening 1.40 in. Dia. (Uses 5-Gangs) **FB10TLZ** 

(2) 2-Gang. Meets NEMA Spacing. Ideal for Crestron® DM –TX Product and Power (Uses 5-Gangs)

(4) Single Service Openings Utilizing NEMA Wallplate (Uses 5-Gangs)







**CFB10NEMA** 



### **Pre-Wired Device Plates**

- Reduces wiring and installation times
- 8 inch stranded leads mounted to the face plate

Description	Type	15A	20A
Duplex, Gray.	Standard	PWFB10MPCR15GRY	PWFB10MPCR20GRY
	Tamper-Resistant	PWFB10MPCR15GRYTR	PWFB10MPCR20GRYTR
Decorator, Gray.	Standard	PWFB10MPDR15GRY	PWFB10MPDR20GRY
	Tamper-Resistant	PWFB10MPDR15GRYTR	PWFB10MPDR20GRYTR



### **Accessories**

Description		Catalog Number
Replacement wire-way, used to pass wires from one comp to the other, for use in CFB10G55/CR rectangular boxes.	partment	CFB10WW
Stackable ring to increase box height and concrete pour dby % in. increments above top plane of floor box. One ring % in. depth increase. <b>Must be installed before concrete p</b>	per	CFB8RCVRR075
Finished floor height adjustment ring - <b>increase post pour adjustment</b> ; use with round cover series.	0 - ¼ in. ¼ in ½ in. ½ in ¾ in.	CFB8RCVRR1* CFB8RCVRR2 CFB8RCVRR3
6 and 10-gang rectangular pre-pour ½ in. extension caps (	(2 pack).	610GEXTENDCAP2PK
Note: *Included with standard <b>CFB10G30R</b> series.		

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### The Next Big Step In Innovation



Locate installation area and connect conduits



Pour concrete



Cut box top level with concrete



Install flooring



Install Adjustable Mounting Cup and level with finished flooring CFBS1R4CUI



Wire devices into box



P-12

Finish with cover CFBS1R4CVR

# Installing the Fully Adjustable Mounting Cup and Level with Finished Flooring

During a concrete pour installation a floor box can become buried, other times the thickness of the floor covering can change. We have solved these issues with the integral, patented, mounting cup which adjusts the device mounting depth to 3 inches, no matter the floor thickness. Additionally, this is helpful for engineered flooring on the concrete; the cup allows for the electrical devices to be adjusted upwards up to 1½ inches.





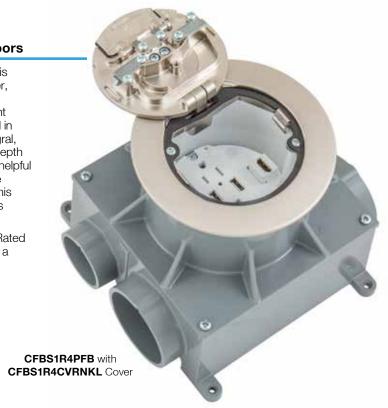


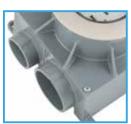
### **Features and Benefits**

# SystemOne Fully Adjustable 4 inch Recessed Floor Boxes and Covers, for Use In Concrete Floors

The Hubbell SystemOne Fully Adjustable Recessed floor box is the next step in a long line of quality products delivering power, data and AV for any application. The challenge of a recessed adjustable floor box is the device depth would vary for different floor thicknesses, other times the floor box can become buried in the concrete pour. We have solved these issues with the integral, patented, mounting cup which adjusts the device mounting depth to 3 inches, no matter the floor thickness. Additionally, this is helpful for engineered flooring on the concrete; the cup allows for the electrical devices to be adjusted upwards up to  $1\frac{1}{2}$  inches. This feature is particularly accommodating when the final flooring is unknown at the time concrete is being poured.

Utilizing the same cover design as our 4 inch Recessed Fire-Rated Poke-Throughs, a common look is now possible anywhere in a building, on grade or above.





### Box Design

- Up to 2 inch conduit ready (Cast iron maximum conduit 1½ inches)
- Available in PVC, stamped steel, epoxy coated stamped steel or cast iron construction available
- cULus Listed Scrubwater compliant



### Covers

- 1,000 lbs, static load rated cover
- Available in six architectural cover finishes
- ADA American's with Disabilities Act – compliant flange thickness of 0.15 inch



### Chamber

- 3 inch deep access chamber
- Patented post pour adjustable mounting cup with teeth spaced in ½ inch increments allows for up to 1½ inches of upward adjustability from the lowest position, ideal for engineered flooring
- High visibility white cup for making easy connections



### **Easy Mount Device Plates**

- Multiple, open architecture mounting plates for power, data and AV
- Recessed connections



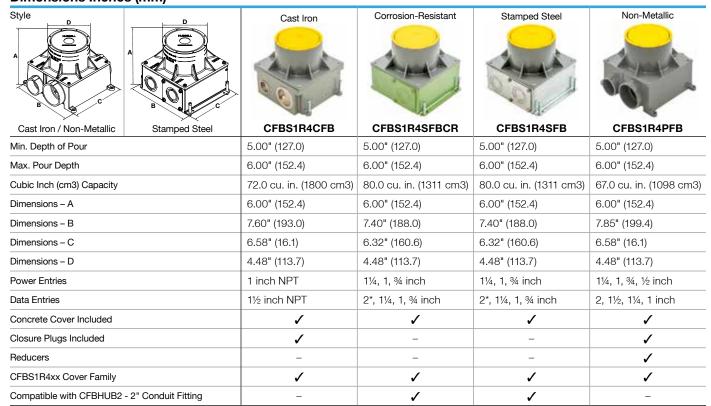
### 2 Inch Conduit Ready

- To meet expanding AV and data needs, the Hubbell SystemOne Recessed Floor Box line readily accepts 2 inch conduits with the use of a 2 inch threaded conduit hub - CFBHUB2 Sold Serarately
- The offset design allows for less conduit lifting while threading, plus the hub mounting holes are asymmetrical to ensure correct mounting





# SystemOne Fully Adjustable 4 inch Recessed Floor Boxes and Covers, for Use In Concrete Floors Dimensions Inches (mm)



Note: UL File Number E92074. CSA File Number LR18416. \*Requires CFBHUB2 for 2" conduits.

### Adjustable Mounting Cup - Required, Purchased Separately

The Adjustable Mounting Cup (AMC) is the heart of the **CFBS1R4** Floor Box product line, and must be *purchased separately* from the floor boxes. With teeth spaced in 5/32 inch increments, the adjustable cup allows for installation ease and flexibility. The AMC is dropped into the floor box collar then rotated clockwise to set the height and is adjustable until the ground plate is installed. Once the ground plate is installed, the cup is locked into place preventing unwanted adjustment of height. Lastly, the device mounting plate and electrical devices are installed.









Description	Catalog Number
Adjustable Mounting Cup	CFBS1R4CUP
Includes white cup, grey low voltage dividers and ground plate.	Floor boxes purchased independantly from cup









### SystemOne Fully Adjustable 4 inch Recessed Floor Boxes and Covers, for Use In Concrete Floors

#### Floor Box Covers

The 4 inch recessed cover is available in a number of durable, yet beautiful finishes to match any décor. The flange height of 0.15 inch is ADA compliant and suitable for use on any floor finish. All covers are UL 514A listed and meet UL Scrubwater requirements.

### **Features**

- Flange diameter is 5.5 inches
- Flange thickness is 0.15 inches thick and complies with ADA requirements
- Cover load rating is 1,000 lbs. with 2x safety factor\* for a static load applied through a 3 inch mandrel
- Available in six finishes
  - Satin nickel, antique bronze and brushed brass are plated finishes
  - Brushed aluminum is the base material brushed and lacquered
  - Black and gray finishes are powder coat



### **Architectural Cover Finishes**

Description	Finish	Catalog Number
Cover with single fold under cable egress door.	Brushed Aluminum Black Powder Coat Plated Brushed Brass Plated Antique Bronze Gray Powder Coat Plated Satin Nickel	CFBS1R4CVRALU CFBS1R4CVRBLK CFBS1R4CVRBRS CFBS1R4CVRBRZ CFBS1R4CVRGRY CFBS1R4CVRNKL

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.







### **Device Mounting Plates**

Description / Catalog Number	Sub-plate	Description / Catalog Number	Sub-plate	Description / Catalog Number	Sub-plate
2X2 Sub-plate with (1) decorator device opening and (2) keystone jack openings	1	(1) StyleLine <sup>®</sup> decorator device opening for power or datacom applications		2X2 Sub-plate with (1) decorator device opening and (2) Ortronics® TracJack® openings	1
S1R4SP2X2STYLE	41	S1R4SPSTYLE		S1R4SP2X2STYLETJ	43
2X2 Sub-plate with (1) duplex device opening and (2) keystone jack openings	8	(1) Duplex device opening for power or datacom applications	A	2X2 Sub-plate with (1) duplex device opening and (2) Ortronics® TracJack® openings	8
S1R4SP2X2DUPLEX	0.11	S1R4SPDUPLEX		S1R4SP2X2DUPLEXTJ	D. P. C.
(4) Single 20A receptacles. Can be wired as single or two circuit with isolated ground capability, 12 inch wire leads	00	(1) 1.60 inch opening for 20 or 30A Twist-Lock <sup>®</sup> receptacle	Ö	(1) 1.40 inch opening for simplex receptacle	Ö
S1R4SPQUAD		S1R4SPTWIST	45	S1R4SPSIMPLEX	-

### **Accessories and Replacement Parts**

Description		Catalog Number
Allows the conduit connections for the low voltage portion of the CFBS1R4SFB and CFBS1R4SFBCR to be increased to 2 inch capa. The offset design helps to minimize conduit float during the concrete	CFBHUB2	
Set of conduit reducing adapters for use with the CFBS1R4PFB. Includes two each of the following adapters to reducing to the corresponding conduit diameter.	1, % and ½ inch 1½, 1¼ and 1 inch	CFBADAPT125 CFBADAPT200
Replacement low voltage partition for use in all four CFBS1R4 serie	CFBS1R4DIV	
Replacement ground bracket for use in all four CFBS1R4 series flo	CFBS1R4GND	
Replacement pre-pour concrete yellow cover for use with all four of CFBS1R4 series floor boxes.	CFBS1R4COVER	
Abandonment plate, black finish, for all CFBS1R4 series floor boxe	S1R4CFBADMTBK	
Pre-pour PVC stand increases <b>CFBS1R4PFB</b> box height 2.5 in. to 4 within the concrete pour.	l.0 in.	PFBSTAND

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### Products at a Glance

Flush Floor Box Applications feature unique capabilities of Hubbell's SystemOne universal cover and sub-plate design, Hubbell has expanded its floor box offering to provide industry leading flexibility while accommodating an extensive range of applications. Hubbell SystemOne is constructed to give customers the ability to create personal solutions for their most demanding, power, data and audio/video requirements.

## SystemOne Flush Floor Box Applications...



### **Multi-Service Applications**

This Hubbell SystemOne sub-plate incorporates a standard Style Line® decorator opening, which can be used for an active multimedia device. In addition, a 20A outlet is supplied for power and two keystone openings for voice/data services.



### **Multimedia Applications**

Other Hubbell SystemOne sub-plates are designed to meet the growing needs of the audio/video market. Some sub-plates provide power outlets with Hubbell's AV products including 15-pin SVGA, RCA, S-Video, 3.5mm stereo, HDMI and XLR microphone jacks. Other sub-plates can accommodate Extron® Electronics MAAP and AAP series AV modules, as well as FSR IPS plates.



### **4X4 Applications**

Provides maximum power capacity for flush, multi-service applications. This sub-plate features a pre-wired four outlet 20A, 125V receptacle and four openings for flush mount Hubbell modular jacks and audio/video Snap Fit connectors. Receptacle wiring permits dual- circuit, as well as isolated ground applications.

### Traditional Floor Boxes...



### Flush Applications

Hubbell offers a wide variety of traditional solutions including single and multi-gang cast iron, stamped steel and non-metallic floor boxes in both round and rectangular designs. These boxes can be finished with either brass or aluminum covers and flanges to match any office décor. All Hubbell floor box assemblies exceed UL scrub water exclusion requirements.



### Wooden Floor Applications

Hubbell offers round, single service and rectangular, multi-service floor boxes for wooden floor applications. The rectangular boxes are available in one, two and threegang options and feature removable barriers for maximum capacity while maintaining separation of power and low voltage. A variety of covers and flanges are available in brushed aluminum or brass to meet aesthetic requirements.



### **Heavy Load Rating**

For environments where floor boxes will be subjected to extreme loads, Hubbell offers two different solutions. The Ballroom Box series has a static cover load rating of 20,000 lbs. and can accommodate up to 8 devices. The Convention Center family offers a static cover load rating of 32,000 lbs. and can accommodate up to 100A Pin and Sleeve devices.

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### SystemOne Flush Floor Box Family

### **Cast Iron**



S1CFB

- Corrosion resistant for on-grade applications
- Oversized 1½" NPT threaded conduit access holes for low voltage
- 1" NPT threaded conduit access holes for power

### Steel



S1SFB



S1SFBCR

- Stamped steel construction
- Economical and light weight for above-grade applications
- Concentric knockouts permit various conduit sizes for both power and data services

### **Steel AV**



S1SFBAV



S1SFBAVCR

- Accommodates high-capacity multimedia applications in a 3½" minimum depth of pour
- Oversized 1½" NPT threaded data hub
- ¾", 1" concentric knockouts for power services

#### **Features**

- Easily installed, aesthetic and configurable floor box solution, for open floor plans that require both power and data services
- The Hubbell SystemOne Universal Cover mounts directly to the floor box riser, eliminating the need for an additional adapter collar
- The Hubbell SystemOne Universal Cover features ScrubShield<sup>®</sup> technology that exceeds UL514 scrub water exclusion requirements
- Convenient cubic inch capacity (cm3) markings on interior of box
- · Leveling feet provide before pour adjustability
- Non-metallic riser allows a simple saw cut for adjustment after pour
- Supplied with concrete cover and closure plugs (where applicable)
- Designed to accommodate multi-service applications with the wide offering of Hubbell SystemOne sub-plates
- Hubbell SystemOne Metal Floor Boxes are approved for use in the City of Chicago
- CR versions incorporate fusion bonded epoxy paint for on grade use

### Non-Metallic



S1PFB

- Non-corrosive plastic construction
- Oversized 1½" data conduit hub for increased cable capacity and bend radius
- Parallel conduit hubs reduce labor and material cost, facilitating easier wire pull

### **Features**

- Economical, easy to install, in-floor delivery system for open plan spaces
- The Hubbell SystemOne Universal Cover mounts directly to the floor box riser, eliminating the need for an additional adapter collar
- Concrete cover, conduit reducers and conduit hub plugs included



### SystemOne Flush Covers

### **Universal Flange and Cover Assembly**

Carpet





- Hinged doors open 180° flush to the carpet flange or tile
- Locking studs allow each door to be secured independently
- The universal carpet or tile flange can be used for Hubbell SystemOne Floor Boxes and Fire-Rated Poke-Throughs
- Finishes and colors available:







Finish

Black





Gray Ivorv

### **Features**

- Durable cast aluminum construction available in black, gray, brass, aluminum and ivory powder coat finishes
- Features ScrubShield® technology that exceeds UL514 scrub water exclusion requirements
- Provides consistent look and maximum functionality throughout the installed life
- Meets ADA standards for accessible design

### SystemOne Flush Sub-Plates

Hubbell's modular sub-plate design allows users to economically upgrade Hubbell SystemOne FRPT and Floor Boxes to accommodate future moves, adds and changes. See page P-20 for additional Information.



4x4 Sub-Plate



Datacom and Power Sub-Plate



Extron® AAP/MAAP and Power Sub-Plate



Dual Style Line® Decorator Sub-Plate



Twist-Lock® Sub-Plate



Furniture Feed Cover, Carpet

### **Features**

- Durable cast aluminum construction, powder coat finish
- Hubbell 4X4: four 20A, 125V receptacles, four keystone openings for voice/data jacks and flush multimedia connectors
- Hubbell X-END and Hubbell iSTATION modular connectivity
- Accommodates Extron® Electronics Architectural Series audio/video system integration products
- · Accommodates GFCI, surge and standard Style Line® Decorator receptacles
- Twist-Lock® receptacle with two flush keystone openings
- · Large capacity and multi-service furniture feed applications
- Open system sub-plates permit maximum data flexibility

### **Power Devices and Connectivity**



Hubbell-PRO Receptacles



Hubbell **ISTATION** 



Hubbell X-FND

#### **Features**

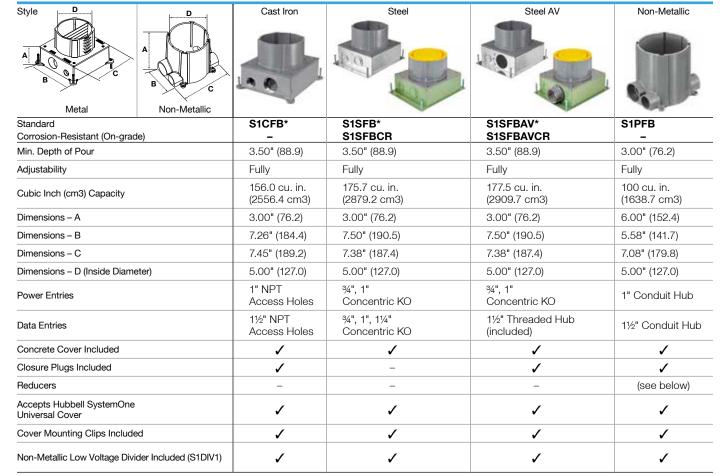
- Choose from Hubbell's industry leading selection of wiring devices for power services
- Hubbell iSTATION connectivity modules integrate with SystemOne to provide comprehensive multimedia solutions
- Hubbell X-END application cables and tails allow for more connectivity in a smaller footprint

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### SystemOne Flush Metal and Non-Metallic Floor Boxes and Covers, for Use In Concrete Floors **Dimensions Inches (mm)**



Note: UL File Number E92074. CSA File Number LR18416.

\*S1CFB, S1SFB, S1SFBAV are approved for use in the City of Chicago.

S1PFB reducers included: Qty (2) combo plug/reducers 1" to 3/4"

Qty (2) reducers 11/2" to 11

Qty (2) reducers 11/2" to 3/4"

Qty (2) plugs 11/2"

### SystemOne Universal Covers

- Cast aluminum construction
- Durable powder coat finish





Color	Carpet	Tile
Aluminum Finish	S1CFCAL	S1TFCAL
Brass Finish	S1CFCBRS	S1TFCBRS
Black	S1CFCBL	S1TFCBL
Gray	S1CFCGY	S1TFCGY
lvory	S1CFCI	S1TFCI



Finish



Finish







### Floor Box Accessories

Description	Color	Catalog Number
Abandonment Plates Used to cover abandoned SystemOne Fire-Rated Poke-Throughs or Floor Boxes.	Black Gray	S1AP4BL S1AP4GY

Replacement Side by Side Divider Used to isolate compartments in S1SP S1SPFFx, S1SPFFTx, S1SPDU, S1SPDUSL, S1SPDU2IM and S1SPSL2IM sub-plates.

Included with all SystemOne Floor Boxes. 11/2" Threaded Hub

For use with S1SFBAV ONLY. Permits feedthrough applications. S1SFBAV floor box includes one (1) threaded hub.

Replacement Universal Cover Mounting Clips Used to mount SystemOne Universal Cover to SystemOne metal and non-metallic floor boxes (S1CFB, S1SFB, S1SFBAV, S1PFB).

height 2.5 in. to 4.0 in. within the concrete pour.

Pre-pour PVC stand increases S1PFB box

**PFBSTAND** 

S1DIV1

S1AVHUB15

S1FBCLIP5PK





### SystemOne Flush Sub-Plates

Description	Catalog Number	Description	(	Catalog Number	Description		Catalog Number
Style Line® Decorator/GFCI (2) Style Line® decorator openings for power and/or datacom applications.	W	<b>Duplex/Duplex</b> (2) Duplex openings and/or datacom ap		<b>B</b>	Duplex/Style Line® Decorator (1) Duplex and (1) Style Line® decorator opening for power and/or datacom applications.		<b>(1)</b>
3 Non-Metallic 3.5 Metal	S1SP	Non-Metallic (3.	5 Metal	S1SPDU	Non-Metallic (3	Metal	S1SPDUSL
Hubbell 4 X 4  (4) 20A, 125V receptacles. (4) Keystone openings for Hubbell jacks or flush AV connectors. Power can be wired as single or two circuit with isolated ground capability.		Carpet Furniture F Cover/Flange* (1) ¾" and (1) 1½" N holes for power and applications. Univer required. Includes of	PT access d/or datacom rsal Cover not		Tile Furniture Fee Cover/Flange* (1) ¾" and (1) 1½" N holes for power an applications. Univer required. Includes	NPT access Id/or datacom ersal Cover not	•
Includes 🖰 stickers.	S1SP4X4C	3 Non-Metallic	Aluminum Fin. Brass Finish	S1SPFFBRS	3 Non-Metallic	Aluminum Fin. Brass Finish	S1SPFFTAL S1SPFFTBRS
Provided with 15 ft. wire leads Provided with 30 ft. wire leads	S1SP4X415 S1SP4X430	3.5 Metal	Black Gray	S1SPFFBL S1SPFFGY	3.5 Metal	Black Gray	S1SPFFTBL S1SPFFTGY
Single Receptacle + Data Opening for 20 or 30A Twist-Lock® receptacle (1.56" OD) and (2) Keystone openings for Hubbell jacks or flush AV connectors.	S1SPTL	(1) 20A, 125V receptarecessed Hubbell iS for data, voice, and A	acle and 3-unit TATION opening	O S1SP3IM	Hubbell DataCom (1) Duplex opening, openings and 1.5 th Hubbell iSTATION voice and AV appli	, (2) flush Keystone unit recessed opening for data,	S1SPDU2IM
4		Marked with "O Con	trolled"	S1SP3IMC	<b>5</b>		
Hubbell DataCom + Style Line® Decorator (1) Style Line® decorator opening, (2) flush Keystone openings and 1.5 unit recessed Hubbell iSTATION opening for data, voice and AV applications.	S1SPSL2IM	Hubbell DataCom  1 unit flush Hubbell iSTATION opening and 3-unit recessed Hubbell iSTATION opening for data, voice, and AV applications.		S1SP4IM	Active Multimedia + Power Single 20A, 125V receptacle; (2) flush Keystone openings; (1) rectangular Style Line® decorator opening to accommodate active multimedia modules or low voltage outlet frames.		S1SPAMM20
<u>5</u>		3.5			Marked with " Cor	ntrolled"	S1SPAMM20C
Extron® or FSR + Power (1) 20A, 125V receptacle. Recessed opening for (3) single Extron® MAAP series adapter plates or FSR IPS plates.	S1SPEXT1	Extron® or FSR + (1) 20A, 125V recept opening for (1) single MAAP and (2) single adapter plates or FS	e Extron®  AAP series	S1SPEXT2	Extron® or FSR Single-Service Recessed opening Extron® MAAP and AAP series adapte FSR IPS plates.	d (2) single	S1SPEXT3
Marked with "Ocontrolled"	S1SPEXT1C	Marked with " Con	trolled"	S1SPEXT2C	4.5		
Extron® AAP + Power (1) 20A, 125V receptacle. (2) flush Keystone & recessed opening for (2) single Extron® AAP Series	0	Ortronics Series II (1) 20A, 125V recep Recessed opening Ortronics Series II®	tacle. for (3) 1 unit	0	Ortronics TracJac (1) 20A, 125V recep Recessed bezel fo TracJack® module	ptacle. r (6) Ortronics	0
adapter plates.	S1SPEXT4	<b>5</b>		S1SPORT	<b>5</b>		S1SPTRAC
Marked with "Ocontrolled"	S1SPEXT4C	Marked with " Con	trolled"	S1SPORTC	Marked with " Cor	ntrolled"	S1SPTRACC
Panduit Mini Com® 4 X 4 (4) 20A, 125V receptacles. (4) Openings for Panduit Mini-Com Connectivity.		SYSTIMAX® 4 X 4 (4) 20A, 125V recep (4) Openings for SYS Connectivity.	tacles.		Siemon MAX® + I (1) 20A, 125V recep Recessed bezel fo MAX® modules.	ptacle.	
<b>4</b>	S1SP4X4PA	<b>4</b>		S1SP4X4SYS	5		S1SPMAX
Includes 🖱 stickers.	S1SP4X4PAC	Includes 🖱 stickers.		S1SP4X4SYSC	Marked with " Cor	ntrolled"	S1SPMAXC

Note: \*Furnished with two screws in flexible metal conduit connectors.

Signifies minimum depth of concrete pour in inches for Metal Floor Boxes (S1CFB, S1SFB and S1SFBAV) and Non-Metallic Floor Box (S1PFB).

### **Sub-Plate Accessories**

Description			Description	Catalog Number
Replacement Threaded Conduit Plugs Used with S1SPFFx and S1SPFFTx only. Sub-plate is supplied with plugs.		Replacement for <b>S1SPMAX.</b> Sub-plate is supplied with data frame. Works with Siemon MAX®.	S1DFMAX	
Color	1½" Plug	34" Plug	Replacement for <b>S1SPTRAC</b> sub-plate. Sub-plate is supplied with data frame. Works with Ortronics TracJack <sup>®</sup> .	S1DFTRAC
Aluminum Finish Brass Finish Black Gray	S1FP15AL S1FP15BRS S1FP15BL S1FP15GY	S1FP34AL S1FP34BRS S1FP34BL S1FP34GY	Blank Style Line <sup>®</sup> decorator frame, Black. 2-Port Style Line <sup>®</sup> decorator frame, Black. 4-Port Style Line <sup>®</sup> decorator frame, Black. 6-Port Style Line <sup>®</sup> decorator frame, Black.	NS620BK ISF2BK ISF4BK ISF6BK

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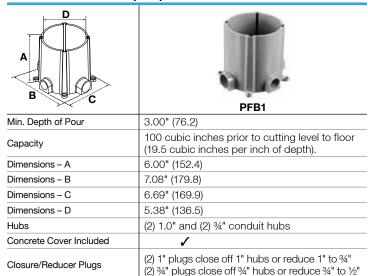


SystemOne Flush  Floor Boxes*  4" Core Hole											
Configurat			Non- Metallic			Metal	1			4" Core Hole ted Poke-Tl	
(except S1PF	use in the City of Chicago B)	).				8			1	517	199=
Sub-Plates S1SP	Style Line® Decorator/GFCI	0	S1PFB	3.5	3.5	S1SFBCR	3.5	3.5	S1PTFIT	S1PT4X4FIT	S1PTAVFIT
S1SPDU	Duplex/Duplex	0	3	3.5	3.5	3.5	3.5	3.5	<b>/</b> +	X	1
S1SPDUSL	Duplex/Style Line® Decorator	Ø	3	3.5	3.5	3.5	3.5	3.5	<b>/</b> +	X	1
S1SP4X4 S1SP4X4PA S1SP4X4SYS	Hubbell 4 X 4 Panduit Mini-Com® 4 X 4 SYSTIMAX® 4 X 4	<b>A</b>	4	4	4	4	4	4	X	<b>/</b> +	X
S1SP4X4C S1SP4X4PAC S1SP4X4SYSC		•							,		
S1SPTL	Twist-Lock® Receptacle + Data	0	4	4	4	4	4	4	X	<b>/</b> +	X
S1SP3IM	Hubbell DataCom + Power	0	5	5	5	5	5	5	1	X	<b>/</b> +
S1SP4IM	Hubbell DataCom	0	3.5	3.5	3.5	3.5	3.5	3.5	1	X	<b>/</b> +
S1SPDU2IM	Hubbell DataCom + Duplex	<b>(1)</b>	5	<b>5</b>	<u>5</u>	<b>5</b>	<b>5</b>	<b>5</b>	1	X	<b>/</b> +
S1SPSL2IM	Hubbell DataCom + Style Line® Decorator	0	5	5	5	5	<b>5</b>	5	1	X	<b>/</b> +
S1SPFFxx (Carpet) S1SPFFTxx (Tile)	Furniture Feed Cover/Flange (Replace "xx" with BRS (Brass finish), AL (Aluminum finish), BL (Black) or GY (Gray).	0	3	3.5	3.5	3.5	3.5	3.5	/	X	<b>/</b> +
S1SPEXT1 S1SPEXT1C	Extron® or FSR + Power  Marked with "① Controlled"	Ö	4	4	4	4	4	4	1	X	<b>/</b> +
S1SPEXT2 S1SPEXT2C	Extron® or FSR + Power  Marked with "O Controlled"	Ö	4	4	4	4	4	4	1	X	<b>/</b> +
S1SPEXT3	Extron® or FSR Single-Service	0	4.5	4.5	4.5	4.5	4.5	4.5	1	X	<b>/</b> +
S1SPEXT4 S1SPEXT4C	Extron® or FSR + Power  Marked with "© Controlled"	0	4	4	4	4	4	4	1	X	<b>/</b> +
S1SPORT S1SPORTC	Ortronics Series II® + Power  Marked with "O Controlled"	Ŏ	5	5	5	5	5	5	1	Х	<b>/</b> +
S1SPTRAC S1SPTRACC	Ortronics TracJack® + Power  Marked with "  Controlled"	Ŏ	5	5	5	5	5	5	1	X	<b>/</b> +
S1SPMAX S1SPMAXC	Siemon MAX® + Power  Marked with "© Controlled"		<b>5</b>	<b>5</b>	<b>5</b>	<u>5</u>	5	<b>5</b>	1	X	<b>/</b> +
S1SPAMM20	Active Multimedia + Flush Keystone + Power	A	<b>5</b>	5	5	5	5	5	1	X	<b>/</b> +
S1SPAMM20C S1CFCxx (Carpet)	Marked with "Ocontrolled" SystemOne Floor Boxes and FRPTs use SystemOne				nimum dept	h of concrete			<b>/+</b> Recommended	<b>/</b>	X Not
S1TFCxx (Tile)	Universal Covers (Replace "xx" with BRS (Brass finish), AL (Aluminum finish), BL (Black) or GY (Gray).	Ŏ	Extron® is a	registered tra	ndemark of E	xtron Electror	nics. MAX® is s of Panduit ( ics® are regi	a registered t Corp. SYSTIM, stered tradem	Floor Fitting trademark of	Floor Fitting The Siemon ( stered tradem nnics/Legrand.	Compatible Company.



# Flush Round Single or Multi-Service Non-Metallic Floor Boxes, for Use In Concrete Floors

### **Dimensions Inches (mm)**



Description	Catalog Number
Adapter Required for all applications.	PFBA1A

### Low Voltage Divider

Required for use with catalog number **PFB1** when used in multi-service applications. Accepts Hubbell standard duplex receptacles or 15A Twist-Lock<sup>®</sup> duplex receptacles (HBL4700 series).



PFBT1A

### "Y" Adapter

% in. "Y" adapter to feed parallel runs of % in. conduit.



PFBYA1

Pre-pour PVC stand increases **PFB1** box height 2.5 in. to 4.0 in. within the concrete pour.



**PFBSTAND** 

Note: UL File Number E92074. CSA File Number LR18416.

### Flush Round Covers and Flanges

# Multi-Service Cover and Flange Assemblies

Includes floor box cover with duplex flaps, (2) ½ in. dia. low voltage feed through holes and matching carpet flange. 6.25 in. Diameter



Brass



**PFBCBRA** 

Brown Non-Metallic

**PFBCBLA** 



Black
Non-Metallic

**PFBCGYA** 



Gray Non-Metallic

PFBCIA



Ivory Non-Metallic

### Single Service Covers

Brass Aluminum 3.88 in. Dia.



Duplex Flap

S3725 SA3725



Duplex Screw

S2525 SA2525



21/8" x 3/4" Combination

S2725 SA2725



21/8" x 1" Combination

S2925 SA2925



21/8" Single Receptacle

S3525



Receptacle

S3325

21/8" Single Receptacle (Terrazzo Floor)

### **Metal Carpet Flange**

Use with single service covers for carpet applications. 6.25 in. Diameter

S3082



Brass

SA3082



Brushed Aluminum

### **Adapter Ring**

Use with single service covers for tile applications.

S5016



Brass



Aluminum

SF2725

### Furniture Feed Plate

Unpainted plate with 1 in. threaded opening.

### PFBP1



Steel

### One Piece Brass Cover and Carpet Flange

Brass Aluminum 6.25 in. Dia.

Note: Adapter ring S5016 is required for mounting SF series covers onto PFBA1A.



Duplex Flap

SF2525



2%" x %" Combination



21/8" x 1" Combination

SF2925

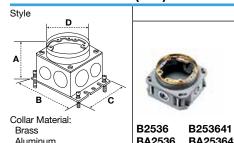
21/8" Single Receptacle

Dimensions in Inches (mm)



### Flush Round Single Service Metal Floor Boxes, for Use In Concrete Floors

### **Dimensions Inches (mm)**



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The same of	



Cast Iron





Stamped Steel



В	Olive .	0	(C) 3	Olive		
Collar Material: Brass Aluminum	B2536 B253641 BA2536 BA253641	B2503 BA2503	B2506 B2506415 BA2506 BA2506415	B2537 BA2537	B2527 BA2527	B2529 BA2529
Min. Depth of Pour	3.25" (82.6)	3.75" (95.3)	4.75" (120.7)	3.00" (76.2)	4.00" (101.6)	3.00" (76.2)
Adjustability	Fully	Fully	Fully	Fully	Fully	Fully
Before Pour External Height Adjustment	1.25" (31.8)	_	_	_	1.25" (31.8)	1.25" (31.8)
After Pour Internal Height Adjustment	.38" (9.5)	.63" (15.9)	.63" (15.9)	.38" (9.5)	.38" (9.5)	.38" (9.5)
Cubic Inch (cm3) Capacity	33.0 cu. in. (540.7 cm3)	36.0 cu. in. (590.0 cm3)	50.8 cu. in. (832.5 cm3)	30.0 cu. in. (491.6 cm3)	54.0 cu. in. (884.9 cm3)	37.3 cu. in. (611.2 cm3)
Dimensions – A	3.05" (77.5)	3.75" (95.3)	4.75" (120.7)	2.87" (72.9)	3.88" (98.6)	2.91" (73.9)
Dimensions – B	4.84" (122.9)	5.00" (127.0)	5.00" (127.0)	4.84" (122.9)	6.00" (152.4)	6.00" (152.4)
Dimensions – C	4.84" (122.9)	4.63" (117.6)	4.66" (118.4)	4.84" (122.9)	4.81" (122.2)	4.81" (122.2)
Dimensions – D	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)	4.19" (106.4)
Threaded Access Holes	(4) 3/4" (4) 1"	(4) 3/4"	(4) 11/4" (4) 11/2"	(4) 3/4"	_	_
Knockouts - Sides	_	_	_	_	(1) 1" & (1) ¾"	(2) 1/2" & (1) 3/4"
Knockouts – Ends	_	_	_	_	(1) 11/4" & (1) 1/2"	(1) 1/2" & (1) 3/4"
Knockouts – Bottom	_	_	_	_	(3) 1/2" & (2) 3/4"	(3) 1/2" & (2) 3/4"
Concrete Cover Included	✓	1	✓	✓	1	✓
Closure Plugs Included	<b>✓</b>	<b>✓</b>	<b>✓</b>	<b>✓</b>	_	_

Note: UL File Number E31999.

CSA File Number LR18416.

Suitable for single service applications only.

### Single Service Covers

Brass Aluminum 3.88 in. Dia.



Flap



Screw









Receptacle





Receptacle (Terrazzo Floor)

### **Carpet Flanges**

5.25 in. Dia.



Brushed

Aluminum

SF2525

SA3182



6.25 in. Dia.

S3082 Brass

SA3082

Receptacle

Brushed Aluminum

### **One Piece Brass Cover and Carpet Flange**

SF3925

Brass Aluminum 6.25 in. Dia.



Flap

21/8" x 3/4"

Combination

21/8" x 1" Combination

SF2725



21/8" Single Receptacle





### Flush Rectangular Non-Metallic Floor Boxes with Non-Metallic Covers

### **Dimensions Inches (mm)**



Note: UL File Number E92074.

### Flush Rectangular Non-Metallic Covers and Flanges\*

#### **Required Components for Carpet Applications** Cover with Duplex and Style Line® decorator inserts included Carpet Flanges 2-Gang 3-Gang 6.00" x 11.35" Number of Gangs 1-Gang 6.00" x 4.88" One Required per Gang Dimensions 6.00" x 8.13" 4 15" x 2 97 Black PFBRFBL1 PFBRFBL2 PFBRFBL3 PFBR826BLA Brown PFBRFBR1 PFBRFBR2 PFBRFBR3 PFBR826BRA Grav PFBRFGY1 PFBRFGY2 PFBRFGY3 PFBR826GYA Ivory PFBRFI1 PFBRFI2 PFBRFI3 PFBR826IA Cover **Duplex** Style Line® Decorator Insert

### **Required Components for Tile Applications**

Mounting Collar	Cover Frame	Cover with Duplex and Style Line® decorator inserts included
One Required per Gang	One Required per Gang Dim. 4.47" x 3.25"	One Required per Gang 4.15" x 2.97"
PFBRMC	PFBRFRA	PFBR826GYA
ना=ा=		





Cover





Style Line® Decorator Insert

Note: \*Flush rectangular non-metallic covers and flanges are UL listed only. Not CSA certified.

<sup>\*</sup>Suitable for single service applications only.





### Flush Rectangular Non-Metallic Floor Boxes with Metal Covers

### **Dimensions Inches (mm)**



Note: UL File Number E92074.

### Flush Rectangular Metal Covers and Flanges

### Required Components for Carpet and Tile Applications

Adapter Collar (One required per gang)

**PFBRAC** Gray

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Adapter Frame with Grounding Lug (One required per gang) Dim. 4.36" x 3.20

Brass Aluminum

S5017G **SA5017G** 



### Flush Rectangular Metal Covers and Flanges

Required Components for Carpet and Tile Applications

Adapter Collar (One required per gang)

**PFBRAC** Gray



### Carpet Flanges (Not Required for Tile Applications)

### Tapered Flange

Number of Gangs	1-Gang	2-Gang	3-Gang	
Dimensions	6.00" x 4.85"	6.00" x 8.13"	6.00" x 11.34"	
Brass	SB3083	SB3084	SB3085	
Aluminum	SA3083	SA3084	SA3085	







S3826

SA3826

### **Rectangular Flanges (Required)**

1-Gang	2-Gang	3-Gang
6.00" x 4.85"	6.00" x 8.13"	6.00" x 11.34"
SB3083W	SB3084W	SB3085W
SA3083W	SA3084W	SA3085W







### Covers - One Required per Gang

Brass Aluminum **Dimensions** 4.15" x 2.99"



Flap

S3825



SA3625

Screw

S3625



Style Line® **Decorator Opening** 



S2425

21/8" x 3/4" Combination



S2625

SA2625

21/4" x 1" Combination



S2825

21/8" Single Receptacle



S3813

Blank

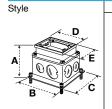
<sup>\*</sup>Suitable for single service applications only.





# Flush Rectangular Cast Iron Floor Boxes, for Use In Concrete Floors

### **Dimensions Inches (mm)**







3-Gang Deep



Cast Iron



1-Gang Shallow



Collar Material:							-
Brass Aluminum	B2436* B243641* BA2436* BA243641*	B4233 B423341 BA4233 BA423341	B4333 B433361 BA4333 BA433361	B2437* BA2437*	B2414* BA2414*	B4214 BA4214	B4314 BA4314
Min. Depth of Pour	3.75" (95.3)	3.75" (95.3)	3.75" (95.3)	3.00" (76.2)	2.00" (50.8)	2.00" (50.8)	2.00" (50.8)
Adjustability	Fully	Fully	Fully	Fully	Semi	Semi	Semi
Before Pour External Height Adjustment	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)
After Pour Internal Height Adjustment	.38" (9.5)	.63" (15.9)	.63" (15.9)	.38" (9.5)	_	_	_
Cubic Inch (cm3) Capacity Per Gang	33.0 cu. in. (540.7 cm <sup>3</sup> )	36.5 cu. in. (598.1 cm <sup>3</sup> )	34.8 cu. in. (570.3 cm <sup>3</sup> )	30.0 cu. in. (491.7 cm <sup>3</sup> )	16.0 cu. in. (262.2 cm <sup>3</sup> )	16.0 cu. in. (262.2 cm <sup>3</sup> )	16.0 cu. in. (262.2 cm <sup>3</sup> )
Dimensions – A	3.20" (81.3)	3.38" (85.9)	3.38" (85.9)	2.90" (73.7)	2.00" (50.8)	2.00" (50.8)	2.00" (50.8)
Dimensions – B	4.69" (119.1)	4.84" (122.9)	4.90" (122.5)	4.69" (119.1)	5.46" (138.7)	5.46" (138.7)	5.46" (138.7)
Dimensions – C	4.69" (119.1)	8.06" (204.7)	11.41" (289.8)	4.69" (119.1)	4.19" (106.4)	7.49" (190.2)	10.7" (271.8)
Dimensions – D	4.36" (110.7)	4.36" (110.7)	4.36" (110.7)	4.36" (110.8)	4.38" (111.3)	4.38" (111.3)	4.38" (111.3)
Dimensions – E	3.19" (81.0)	6.42" (163.1)	9.64" (244.9)	3.20" (81.3)	3.19" (81.0)	6.38" (162.1)	9.56" (242.8)
Threaded Access Holes	(4) 3/4" (4) 1"	(6) ¾" (4) 1" & (2) ¾"	(8) ¾" (6) 1" & (2) ¾"	(4) 3/4"	(2) ¾"	(4) ¾"	(6) ¾"
Concrete Cover Included	✓ <b>/</b>	<b>✓</b>	<b>✓</b>	1	1	1	✓
Closure Plugs Included	/	✓	✓	1	✓	1	✓
Removable LV Barrier	-	✓	✓	_	_	_	_

Note: UL File Number E92074. CSA File Number LR18416.

### **Carpet Flanges**

Tapered Flange				
Number of Gangs	1-Gang	2-Gang	3-Gang	
Dimensions	6.00" x 4.85"	6.00" x 8.13"	6.00" x 11.34"	
Brass	SB3083	SB3084	SB3085	
Aluminum	SA3083	SA3084	SA3085	
Clear Polycarbonate	S3083	S3084	S3085	

### Covers - One Required per Gang

Brass Aluminum Dimensions 4.15" x 2.99"



Flap

S3825

SA3825





Screw

S3625



**Decorator Opening** 

S3826



Combination

S2425



Combination

S2625



S2825

SA3813

21/8" Single Receptacle

S3813

Blank

<sup>\*</sup>Suitable for single service applications only.





1-Gang

Shallow

# Flush Rectangular Stamped Steel Floor Boxes, for Use In Concrete Floors

### **Dimensions Inches (mm)** Style Stamped Steel 1-Gang 3-Gang Shallow 2-Gang 3-Gang 1-Gang 2-Gang 1-Gang Deep Deep Shallow Shallow Deep Deep

Collar Material:			41		1	Visit I		
Brass Aluminum	B2431* BA2431*	B2432 BA2432	B2433 BA2433	B2421* BA2421*	B2422 BA2422	B2423 BA2423	B2427* BA2427*	B2429* BA2429*
Min. Depth of Pour	3.75" (95.3)	3.75" (95.3)	3.75" (95.3)	2.75" (69.9)	2.75" (69.9)	2.75" (69.9)	4.00" (101.6)	3.00" (76.2)
Adjustability	Fully							
Before Pour External Height Adjustment	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)	1.25" (31.8)
After Pour Internal Height Adjustment	.50" (12.7)	.50" (12.7)	.50" (12.7)	.50" (12.7)	.50" (12.7)	.50" (12.7)	.38" (9.5)	.38" (9.5)
Cubic Inch (cm3) Capacity Per Gang	60.0 cu. in. (983.2 cm3)	52.8 cu. in. (865.2 cm3)	50.8 cu. in. (832.5 cm3)	39.5 cu. in. (647.3 cm3)	35.0 cu. in. (573.5 cm3)	34.0 cu. in. (557.2 cm3)	54.0 cu. in. (884.9 cm3)	37.3 cu. in. (611.2 cm3)
Dimensions – A	3.72" (94.5)	3.72" (94.5)	3.72" (94.5)	2.74" (69.6)	2.74" (69.6)	2.74" (69.6)	3.90" (99.1)	2.81" (71.4)
Dimensions – B	4.81" (122.2)	4.81" (122.2)	4.81" (122.2)	4.81" (122.2)	4.81" (122.2)	4.81" (122.2)	4.81" (122.2)	4.81" (122.2)
Dimensions – C	6.00" (152.4)	9.25" (235.0)	12.50" (317.5)	6.00" (152.4)	9.25" (235.0)	12.50" (317.5)	6.00" (152.4)	6.00" (152.4)
Dimensions – D	4.38" (111.3)	4.38" (111.3)	4.38" (111.3)	4.38" (111.3)	4.38" (111.3)	4.38" (111.3)	4.38" (111.2)	4.38" (111.2)
Dimensions – E	3.19" (81.0)	6.44" (163.6)	9.67" (245.6)	3.19" (81.0)	6.44" (163.6)	9.67" (245.6)	3.19" (81.0)	3.19" (81.0)
Knockouts - Sides	(1) 3/4",1",11/4"	(2) 3/4",1",11/4"	(3) 3/4",1",11/4"	(2) ½",(1) ¾"	(4) ½",(1) ¾"	(6) 1/2",(1) 3/4"	(1) ½",(1) 1¼"	(2) 1/2",(1) 3/4"
Knockouts – Ends	(1) 3/4",1",11/4"	(1) 3/4",1",11/4"	(1) 3/4",1",11/4"	(1) ½",(1) ¾"	(2) ½",(1) ¾"	(2) 1/2",(1) 3/4"	(1) ¾",(1) 1"	(1) ½",(1) ¾"
Knockouts – Bottom	(2) 3/4",1",11/4"	(4) 3/4",1",11/4"	(6) 3/4",1",11/4"	(2) 3/4",1",11/4"	(4) 3/4",1",11/4"	(6) 3/4",1",11/4"	(3) 1/2",(2) 3/4"	(3) 1/2",(2) 3/4"
Concrete Cover Included	1	1	✓	1	1	1	1	1
Closure Plugs Included	-	-	_	-	-	-	-	_
Removable LV Barrier	-	/	1	_	/	1	_	-

Note: UL File Number E92074. CSA File Number LR18416.

### **Carpet Flanges**

Tapered Flange			
Number of Gangs	1-Gang	2-Gang	3-Gang
Dimensions	6.00" x 4.85"	6.00" x 8.13"	6.00" x 11.34"
Brass	SB3083	SB3084	SB3085
Aluminum	SA3083	SA3084	SA3085
Clear Polycarbonate	S3083	S3084	S3085

### Covers - One Required per Gang

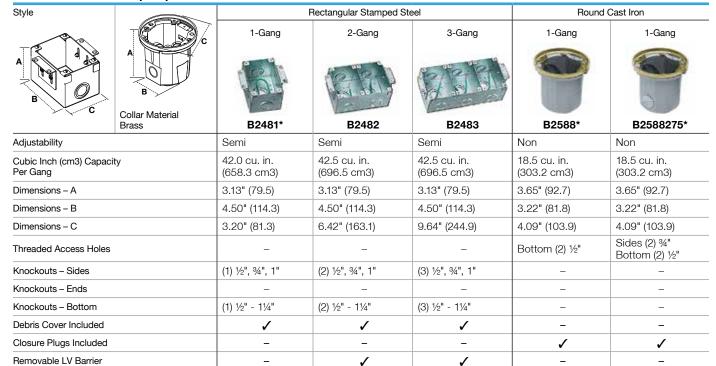
Brass S3825 S3625 S3826 S2425 S2625 S2825 S3813 Aluminum SA3825 SA3625 SA3826 SA2425 SA2625 SA3813 Dimensions 4.15" x 2.99" 21/8" Single Blank Duplex **Duplex** Style Line® 21/8" x 3/4" 21/8" x 1" Flap Screw **Decorator Opening** Combination Combination Receptacle

<sup>\*</sup>Suitable for single service applications only.



### Flush Floor Boxes for Wooden Floors

### **Dimensions Inches (mm)**



Note: UL File Number E31999. CSA File Number LR18416. \*Suitable for single service applications only.

Rectangu	lar Flanges (	Required)		Round Flanges	Round Co	<b>vers</b> (3.88" l	Dia.)
Brass Aluminum	SB3083W SA3083W	SB3084W SA3084W	SB3085W SA3085W	S3182 S3082 SA3182 SA3082	S3925 SA3925	S3725 SA3725	S2525 SA2525
	5		USK		3	8	
No. of Gangs Dimensions	1-Gang 6.00" x 4.85"	2-Gang 6.00" x 8.13"	3-Gang 6.00" x 11.34"	5.25" Dia. 6.25" Dia.	Duplex Flap	Duplex Screw	21/8" x 3/4" Comb.

# Bra Alu Dir

Covers - C	ne Require	d per Gan	g		Round (	Covers			
Brass Aluminum Dimensions	S3825 SA3825	S3625 SA3625		S2425 SA2425	Brass Aluminum 3.88" Dia.	S2725 SA2725	S2925 SA2925	S3525 -	\$3325 -
4.15" x 2.99"	3			0	0.00 Bia.	(0)			(0)
	Duplex Flap	Duplex Screw	Style Line <sup>®</sup> Decorator Opening	21/8" x 3/4" Combination		21/8" x 1" Comb.	21/8" Single Receptacle	2%" Single Receptacle	21/8" Single Rec. (Terrazzo Floor)
Brass	00005	00005	00405	00040	One Pie	ce Brass Co	ver and Ca	arpet Flan	ge
Aluminum Dimensions	S2625 SA2625	S2825 -	S3425 -	S3813 SA3813	Brass Aluminum	SF3925 SFA3925	SF2525 -	SF2725 -	SF2925 -
4.15" x 2.99"	1	4	3- 3	8 3	6.25" Dia.	1			

Duplex Flap

21/8" x 3/4"

Combination

Dimensions in Inches (mm)

21/8" x 1"

Combination

21/4" Single

Receptacle

Blank

2%" Single

Receptacle

21/8" x 1"

Combination

21/8" Single

Receptacle



### Floor Box Cover to Receptacle Compatibility Chart

	er Style		Terrazzo (21/8")	2%"	21/8"	Duplex Flap	Duplex Plug	Style Line®
Round			S3325	S3525	S(A)2925 S(A)2725 S(A)2525	S(A)3925	S(A)3725	
Rectangular				S3425	S2825 S(A)2625 S(A)2425	S(A)3825	S(A)3625	S(A)3826
Rating	NEMA Co	nfig.						
2P, 3W 15A, 125V	5-15R		HBL5251 HBL5261 IG5261	HBL5251 HBL5261 IG5261	HBL5251 HBL5261 IG5261	5252AB 5262B CR5252IG HBL5252 HBL5262 IG5262	5252AB 5262B CR5252IG HBL5252 HBL5262 IG5262	HBL2152 IG2152 GFRST15 HBL5260SA HBL5262SA
2P,3W 15A, 125V	L5-15R	( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )	HBL4710 IG4710	HBL4710 IG4710	HBL4710 IG4710	HBL4700 IG4700A HBL4792 HBL4794 HBL4795	HBL4700 IG4700A HBL4792 HBL4794 HBL4795	
2P, 3W 15A, 250V	6-15R	00	HBL5661 IG5661	HBL5661 IG5661	HBL5661 IG5661	HBL5652 HBL5662 IG5662	HBL5652 HBL5662 IG5662	
2P, 3W 15A, 250V	L6-15R		HBL4560 IG4560	HBL4560 IG4560	HBL4560 IG4560	HBL4550 IG4550A	HBL4550 IG4550A	
2P, 3W 15A, 277V	7-15R	(S) (P)				HBL5302	HBL5302	
2P, 3W 15A, 277V	L7-15R		HBL4760	HBL4760	HBL4760	HBL4750	HBL4750	
2P, 3W 20A, 125V	5-20R	Oc.	HBL5361 IG5361	HBL5361 IG5361	HBL5361 IG5361	5352AB 5362B CR5352IG HBL5352 HBL5362 IG5362	5352AB 5362B CR5352IG HBL5352 HBL5362 IG5362	HBL2162 IG2162 GFRST20 HBL5360SA HBL5362SA
2P, 3W 20A, 125V	5-20R					HBL5392	HBL5392	
2P, 3W 20A, 125V	L5-20R	( )	HBL2310 IG2310	HBL2310 IG2310	HBL2310 IG2310			
2P, 3W 20A, 250V	6-20R	(= }	HBL5461 IG5461	HBL5461 IG5461	HBL5461 IG5461	HBL5462 IG5462	HBL5462 IG5462	
2P, 3W 20A, 250V	L6-20R		HBL2320 IG2320	HBL2320 IG2320	HBL2320 IG2320			
2P, 3W 30A, 125V	L5-30R	( S)	HBL2610 IG2610	HBL2610 IG2610	HBL2610 IG2610			
2P, 3W 30A, 250V	L6-30R		HBL2620 IG2620	HBL2620 IG2620	HBL2620 IG2620			
3P, 4W, 20A 125/250V	14-20R	W S S S S S S S S S S S S S S S S S S S	HBL8410	HBL8410	HBL8410			
00 4144 004	L14-20R		HBL2410 IG2410	HBL2410 IG2410	HBL2410 IG2410			
3P, 4W, 20A 3Ø 250V	15-20R		HBL8420	HBL8420	HBL8420			
2D 4W 20A	L15-20R		HBL2420 IG2420	HBL2420 IG2420	HBL2420 IG2420			
3P, 4W, 30A 125/250V 3P, 4W, 30A			HBL2710 IG2710	HBL2710 IG2710	HBL2710 IG2710			
3Ø 250V 3P, 4W, 30A	L15-30R		HBL2720 IG2720 HBL2740	HBL2720 IG2720 HBL2740	HBL2720 IG2720 HBL2740			
3Ø 600V 4P, 5W, 20A	L21-20R		HBL2510	HBL2510	HBL2510			
4P, 5W, 20A 3ØY 120/208V 4P, 5W, 20A	L23-20R		IG2510 HBL2530	IG2510	IG2510			
3ØY 347/600V				HBL2530	HBL2530			
4P, 5W, 30A 3ØY 120/208V	L21-30R		HBL2810 IG2810	HBL2810 IG2810	HBL2810 IG2810			
4P, 5W, 30A 3ØY 347/600V	L23-30R	( ) )	HBL2830	HBL2830	HBL2830			

### **Accessories**

Protective Ring for 21/8" Threaded Covers



S3061

Theater Seating Floor Box

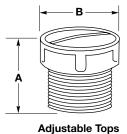


F3185

#### Adjustable Tops (Brass)



F1339 F1539



Coupling (Brass)



F1340

# Problem Solvers and Replacement Components Protective Ring for 2% Inch Threaded Covers

Description	Catalog Number
Provides mechanical and wet mop protection for plugs and receptacles (brass).	S3061

### **Theater Seating Floor Box**

Description	Catalog Number
The theater seating floor box is nonadjustable and provides a % in. threaded hub for conduit connection to theater aisle lights. It permits opening of the enclosure for wiring without disturbing above floor connections. Other features include a cast iron box with a corrosion-resistant finish and a blank steel cover. Knockouts: (% in. surface, % in. sides, % in. bottom) 18.80 cu. in. (380 cubic cm).	F3185

# Adjustable Tops (Brass) Brass Outlet Fittings for Conduit Systems

Future requirements for floor outlets may be accommodated by systematically studding the floor with these fittings, all radiating from one or more floor boxes, from which any changes or additions may be subsequently made by the pulling of wires from box to the outlet. Adjustment tops are male connections to be mounted on elbow or tee fittings. They provide a pre-pour adjustment and an available connection for above-floor service heads.

Description	Α	В	Catalog Number
¾ in. threaded conduit size (male).	1.25" (31.8)	1.44" (36.6)	F1339
1 in. threaded conduit size (male).	1.31" (33.3)	1.75" (44.5)	F1539

Note: Adjustment: ¾ in. and 1 in. fittings permit ½ in. vertical adjustment.

### Coupling (Brass)

Couplings are utilized for straight conduit connections when a floor box is not required. The conduit stub is brought to within approximately 1½ in. of the planned surface, and the coupling is mounted and adjusted prior to the concrete pour. Standard service heads may be mounted to the couplings as required.

Description	Α	В	Catalog Number
3/4 in. threaded conduit size (female).	1.44" (36.6)	1.25" (31.8)	F1340

### Accessories

Experiencing a problem? Let Hubbell accessories help solve it. Hubbell stacking (adjustable) collars are the answer if the box is set too low. Need a replacement? Choose from a full line of replacement covers and fittings. Hubbell accessories also help you with the protection you need for plugs and receptacles.

### **Problem Solvers and Replacement Components** Stacking (Adjustable) Collars and Frames

Designed to be used if floor box is set too low beneath the floor surface or the adjustable collar and/or adapter on the box is damaged.

If the box number is	Extension Value	Use Collar Number
B2429, B2427, B2436 or B2437	.81" (20.5)	C2400*
B2503, B2506	1.06" (26.9)	C2504*
B2529, B2536, B2527 or B2537	1.06" (26.9)	C2500*
B4233	1.03" (26.2)	C4200*
B4333	1.03" (26.2)	C4300*

Note: \*Only available as sets (collars and adapters). In cases where the adapter on the floor box is not damaged, and only stacking is required, discard the adapter and use only the collar. The adjustable collars listed above can be stacked as required to reach the floor surface. Longer screws will be required if more than one collar is stacked (screws not provided). These screws are commercially available. Flat head #12-24 UNC machine screw x (approx. length). Minor Upward Adjustments: Round or Rectangular cover frames (trim rings) may be stacked if the floor box is only slightly recessed below the floor surface.

### **Replacement Components for Floor Box Covers and Fittings**

			Catalog Number		
Box Type	Dimension	Extension Value	Brass	Aluminum	
Round	4.19" (106.4) diameter	.31" (7.9)	S5016	SA5016	
Rectangular	3.19" (81.0) x 4.38" (111.2)	.31" (7.9)	S5017A	SA5017A	
Rectangular, groundir	ng 3.19" (81.0) x 4.38" (111.2)	.31" (7.9)	S5017G	SA5017G	

### **Crown Plugs**

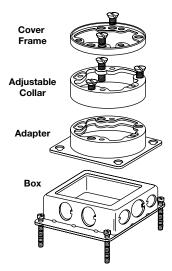
		Catalog Number	
Description	Used in the following covers	Brass	Aluminum
3/4" thread size.	S2525, SA2525, S881, S2555, S2530, S2425, SA2425, SF2525	S5012	SA5012
1" thread size.	S2725, SA2725, S2755, S2730, S2625, SA2625, SF2725	S5013	SA5013

### Flush Cap Rings

		Catalog Number	
Description	Used in the following covers	Brass	Aluminum
	S2525, SA2525, S881, S2555, S2530, S2425, SA2425, SF2525	S5010	SA5010
21/8" threaded plug with 1" thread size opening.	S2725, SA2725, S2755, S2730, S2625, SA2625, SF2725	\$5025	SA5025

### Flush Plugs

	Catalog Number	
Used in the following covers	Brass	Aluminum
F1339, F1340	S5002	-
F1539	S5003	_
S3725, SA3725, S3625, SA3625	S5007	SA5007
S2925, SA2925, S88, S2930, S2955, SF2925, S2825	S5020	SA5020
S3525, S3425	S5030	_
	F1339, F1340 F1539 S3725, SA3725, S3625, SA3625 S2925, SA2925, S88, S2930, S2955, SF2925, S2825	Used in the following covers         Brass           F1339, F1340         \$5002           F1539         \$5003           S3725, SA3725, S3625, SA3625         \$5007           S2925, SA2925, S88, S2930, S2955, SF2925, S2825         \$5020



Replacement Adjustable Collar



C4200

### **Replacement Cover Frames**





S5016 S5017A

S5017G

**Crown Plugs** 





S5012

S5013

Flush Cap Rings



S5010

Flush Plugs



S5007



### **Fire-Classified Floor Box Solutions**



Hubbell's fire-classified floor boxes are an excellent solution when there is not enough capacity in a poke through and the decking must be penetrated for electrical installations. Available in seven or eleven gang versions, our fire rated kits are compatible with our standard CFB7G6 and CFB11G6 series floor boxes.

### **Fire-Classified Floor Box Kits**

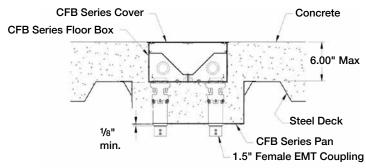
- Preserves 2 or 3 hour fire classified floor rating
- Approved for installations using either light or normal weight concrete
- UL 514 and UL 263 Compliant
- Variety of ADA compliant cover choices for most floor types
- Four 11/2 inch box bottom entry conduits

### Fire-Resistant Floor Box Kit Includes

• Floor pan, conduit assemblies, hardware, leveling feet and manual Floor box ordered separately

### Installation

- For Concrete pours from 3¼ in. up to 5½ in. above upper most portion of decking
- Units can be mounted 2 ft. on center
- Fastens to deck with TEK screws or welding



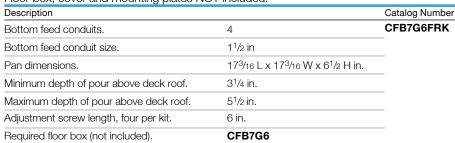




CFB7G6 Floor Box above CFB7G6FRK Installed in decking

### Fire-Classified Kit for 7-Gang Floor Box

Floor box, cover and mounting plates NOT included.

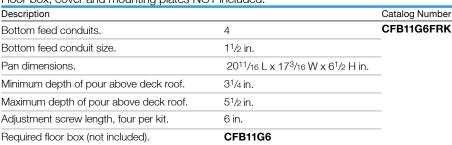




Kit with CFB7G6

### Fire-Classified Kit for 11-Gang Floor Box





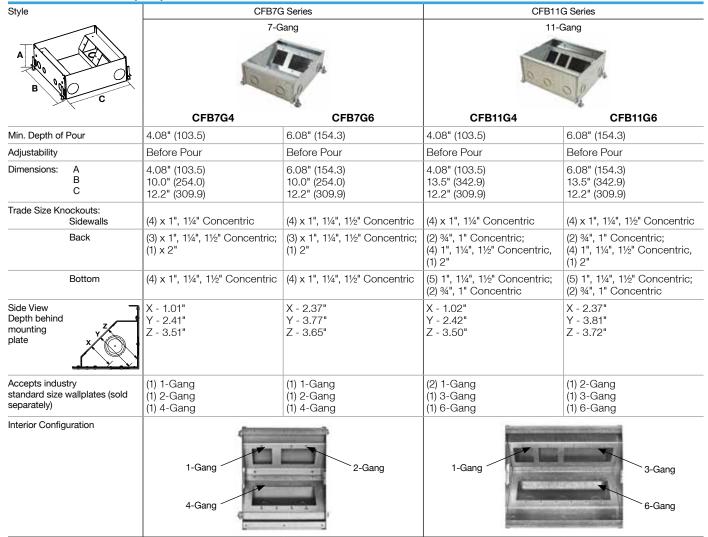


CFB11G6FRK Kit with CFB11G6



### Recessed 7- and 11-Gang Concrete Floor Boxes

### **Dimensions Inches (mm)**



Note: UL File Number E31999. CSA File Number LR18416. See page P-34 for CFBOGPAN4 on-grade barrier.

### Floor Box Covers



Note: Covers provide a recessed area, allowing floor covering to be inserted. \*Not UL Listed or CSA Certified.





### **Recessed 8-Gang Ballroom Series Floor Boxes**

### **Dimensions Inches (mm)**

Style	CFB8FC Series	
A O O O	8-Gang  CFB8FC1	8-Gang  CFB8FC2
Application	Carpet	Tile, Finished Concrete
Min. Depth of Pour	6.95" [177mm]	7.15" [182mm]
Adjustability	Before Pour	Before Pour
Dimensions: A B C	6.95" (176.5) 15.00" (176.5) 13.00" (330.2)	7.15" (181.6) 14.75" (374.7) 12.75" (323.9)
Trade Size Sidewalls Knockouts: Back Bottom	(4) x 1.5", 1.25", 1" concentric (4) x 1.5", 1.25", 1" concentric (4) x 1.5", 1.25", 1" concentric	(4) x 1.5", 1.25", 1" concentric (4) x 1.5", 1.25", 1" concentric (4) x 1.5", 1.25", 1" concentric
Side View Depth behind mounting plate	X = 2.27" (57.7) Y = 4.01" (101.9) Z = 3.13" (79.5)	X = 2.27" (57.7) Y = 4.01" (101.9) Z = 3.13" (79.5)
Accepts industry standard size wallplates (sold separately) 4.63" Maximum Cover Height	One, two, three and four gang plates. Customer configuration dependant.	One, two, three and four gang plates. Customer configuration dependant.
4.00 Mainum Gover Height	4-Gang 4-Gang	4-Gang

### **Accessories**

### On-grade Barrier

The on-grade barrier is intended for use on installations at grade level. This accessory is installed prior to the concrete pour and provides a barrier between the soil. The on-grade barrier comes with leveling feet and anchor points.

### CFBOGPAN4





Pour Pan Dimensions: - 15.75 in. sq. 4 in. depth

### **Covers**

	CFB8FC1 Covers		CFB8FC2 Covers	
All ballroom floor box covers are machined from Aluminum and have no additional finish options			D G	
Carpet Cover, with 2 egress doors (0.20" depth)	CFB8CVRALU1	_	-	_
Flush cover, with 2 egress doors	_	-	CFB8CVRALU2	_
Blank box cover	-	CFB8JBC1	-	CFB8JBC2
Cover Load Ratings*: Recommended Loading Maximum Load	20,000 lb 40,000 lb	20,000 lb 40,000 lb	20,000 lb 40,000 lb	20,000 lb 40,000 lb

Note: \*Load applied through 3" (76mm) mandrel in center of cover. Loads are static and don't apply to rolling loads.



### **Above-Floor Service Fittings (Single Service)**

Hubbell offers a variety of above-floor service pedestals to satisfy just about any requirement. Large capacity enables a choice of services—you can even create your own unique pedestal to satisfy specific requirements. Above floor service fittings are ideal for furniture feed applications.

### Pedestals - Metallic - LO-CON (single service only)

Traditional metallic pedestals with die-cast aluminum frame, brushed aluminum housing and stainless steel faceplates. These pedestals are offered as component parts. They mount on floor box covers or floor deck/duct systems with % inch or 1 inch threaded openings.

# Create Pedestal – Create your own pedestal to meet specific service requirements. Order housing, face plates and devices separately.

Description	Catalog Number
Frame, housing, ¾ in. chase nipple, without plates.	SC3098A
Frame, housing, 1 in. chase nipple, without plates.	SC3099A
Blank plate.	SS309B
Telephone bushing with 1 in. I.D. and (2) % in. KO for coax.	SS309T
Single receptacle plate with 1.39 in. (35.3) opening.	SS309S
Duplex receptacle plate.	SS309D
Style Line® decorator plate.	SS309DS

# Furniture Feed Plates – Use with SC3098A or SC3099A housings to feed furniture systems in office settings or display cases in retail applications.

<u> </u>	
Description	Catalog Number
Aluminum plate with ¾ in. trade size knockout.	SS309SF
Aluminum plate, blank.	SS309BF

Note: When using SS309SF on Hubbell's LO-CON pedestals, SS309BF must be used on the opposite side.

# Pedestals – Specialized Service – Large Capacity Pedestals (single service only)

Designed to accommodate receptacles up to 50A (4-gang only). These brushed aluminum pedestals are furnished with either a % inch or 1 inch hub and are designed for mounting to floor box covers with % inch or 1 inch threaded openings. Create your own unique pedestal with a wide choice of stainless steel plates and devices.

Description (2-Gang Housing)	Catalog Number
2-gang (front and back) with ¾ in. hub.	SA6685
2-gang (front and back) with 1 in. hub.	SA6686

### Plate Option - 1-Gang

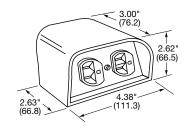
Description	Catalog Number
Duplex opening.	SS8
Style Line® decorator opening.	SS26
Single receptacle opening – boss diameter 1.36 to 1.39 in. (34.5 to 35.3).	SS7
Single receptacle opening – boss diameter 1.55 to 1.58 in. (39.4 to 40.1).	SS720
Blank plate.	SS13
Description (4-Gang Housing)	Catalog Number
4-gang (2 front and 2 back), with ¾ in. hub.	SA6687
4-gang (2 front and 2 back), with 1 in. hub.	SA6688

### Plate Option - 2-Gang

Description	Catalog Number
Two duplex openings.	SS82
Two Style Line® decorator openings.	SS262
Two single receptacle openings – boss diameter 1.36 to 1.39 in. (34.5 to 35.3).	SS72
Single receptacle opening – boss diameter 2.41 to 2.44 in. (61.2 to 62.0).	SS701
Single receptacle opening – boss diameter 2.09 to 2.13 in. (53.1 to 54.1).	SS703
Blank plate.	SS23

















### **Features and Benefits**

### **Convention Center Utility Boxes**

### Painted Galvanized Steel Box (14 Gauge G90)

 Cost effective, corrosion resistant paint. Suitable for both on and above-grade applications

### Stainless Steel Box (14 Gauge 304)

 Corrosion resistant enclosure suitable for both on and above-grade applications

### Listings/Requirements

- UL Listed and CSA Certified
- Meets UL514 requirements for Scrub Water and prevents water, dirt and debris from entering the electrical devices



### Power and Data Panels\*\*

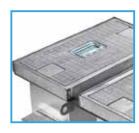
Custom manufactured and pre-wired to your project specifications. Panel options include 100A pin and sleeve, 20A and 30A Twist-Lock®, 20A GFCI, isolated ground or industrial straight blade devices. Optional circuit breaker protection is available. Up to two gangs available for audio/video/data communication requirements. Both power and data panels are shipped separately after the boxes have been set in concrete.

Note: \*\*Contact Hubbell for available configurations of power and data panels.



### **Box Design**

- Separate enclosure to keep water away from electrical components
- Hooks for tying onto rebar
- 2-gang low voltage compartment
- Custom built panels that accept a wide variety of electrical configurations



### **Cover Design**

 Heavy duty covers, 32,000 lb. load capacity with 2x safety factor



### Adjustability

• 4 inch pre-pour adjustability



### Air/Water Only Inside View

- Separate enclosure for compressed air/water utilities, prevents air and water from coming in contact with electrical services
- 2 inch drain



### Stand Alone Power/Data Box

- Custom manufactured and pre-wired to your project specifications
- Optional circuit breaker protection is available
- Up to 2-gangs available for audio/ video/data communication requirements



### Power/Data Box Inside View

- Up to 2-gangs of data
- 20A and 30A devices
- Circuit breakers
- Up to 100A pin and sleeve
- 150A maximum capacity



# **Convention Center Utility Boxes**

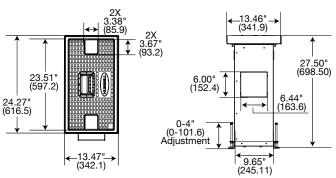
# Metallic Convention Center Utility Boxes\*

Steel Convention Center Utility Box	Painted Galvanized Steel Box	Stainless Steel Box
with Cover for Power and Data/Communications.	HBLSCCUBPD	HBLSCCUBPDSS
with Cover for Power, Data/Communications and Air/Water Box.	HBLSCCUBPDW	HBLSCCUBPDWSS
with Cover for Air/Water Only.	HBLSCCUBW	HBLSCCUBWSS

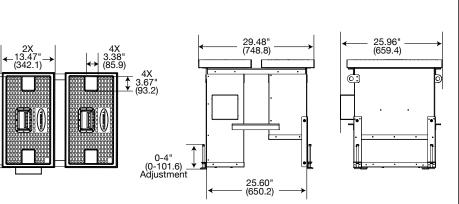
Note: \*All boxes provided with temporary galvanized steel concrete covers.

# Painted Galvanized or Stainless Steel Metallic Box

Stand Alone Power/Data
HBLSCCUBPD (Painted Galvanized)
HBLSCCUBPDSS (Stainless Steel)





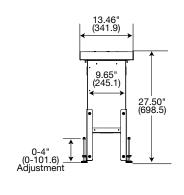


Stand Alone Water/Air Box HBLSCCUBW (Painted Galvanized) HBLSCCUBWSS (Stainless Steel)

21.97" (558.0)

25.96" (659.4)

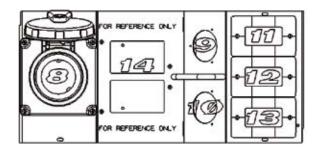
8.90" (226.1) 24.26" (616.2)



# **Pre-Wired Power Panels**

24.27" (616.5)

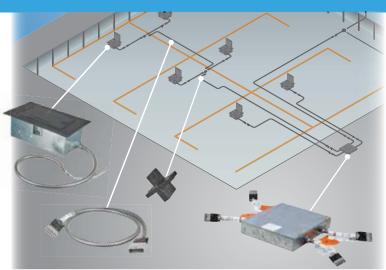
Convention Center Power Panels are custom built to order and pre-wired in the factory to make installation quick and easy. Please contact the factory to configure a power panel for your specific needs.



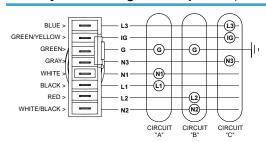
Position	Device Options
8	Qty. (1) Pin and Sleeve Receptacle 100A.
9 & 10	Qty. (2) Twist-Lock® Receptacles (20A or 30A).
11,12,13	Qty. (3) Duplex Receptacles (20A Standard, GFCI or Isolated Ground).
14	Load Center for Circuit Breakers, 8-Pole Positions Max.

# **CONNEXION Zone Distribution System**

The Hubbell CONNEXION 2.0 Zone Distribution System is a factory assembled, flexible, modular plug-n-play system that delivers power in raised floor installations. This unique system increases the value of the infrastructure and meets the challenges posed by new construction and renovation in commercial offices, retail outlets and educational facilities. By improving cable management, enhancing flexibility, and reducing administration expense, the CONNEXION 2.0 Zone Distribution System allows power needs to be addressed in a timely and effective manner. The basic CONNEXION 2.0 building blocks are shown below.



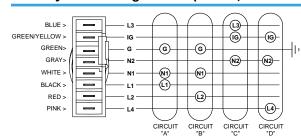
# 3/3/2 System Configuration (3-Hots, 3-Neutrals, 2-Grounds)



Appropriate for a 120/208 volt 3ØY power distribution and dedicated neutrals are desired.

- · Three circuit capacity.
- Isolated ground capability for sensitive equipment.
- · Each circuit has its own #12 AWG neutral.
- Component Rating: 20 amperes at 120/208 volt.
- 8-Wires (3 hots, 3 neutrals, 1 equipment ground, 1 isolated ground).

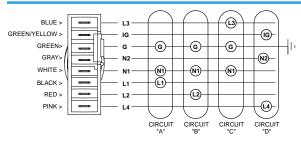
# 4/2/2 System Configuration (4 Hots, 2 Neutrals, 2 Grounds) 2 + 2 Wiring Configuration



Appropriate in areas where shared neutral conductors are utilized.

- Two circuits share one #10 AWG neutral to manage harmonics for general purpose.
- Two additional circuits share one #10 AWG neutral to manage harmonics for general purpose.
- · Isolated ground capability for sensitive equipment.
- Component Rating: 20 amperes at 120/208 volt.
- 8-Wires (4 hots, 2 neutrals, 1 equipment ground, 1 isolated ground).

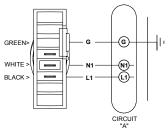
# 4/2/2 System Configuration (4 Hots, 2 Neutrals, 2 Grounds) 3+ 1 Wiring Configuration



Appropriate in areas where shared neutral conductors are utilized.

- Three circuits share #10 AWG neutral to manage harmonics for general purpose.
- One circuit on dedicated #10 AWG neutral for sensitive equipment.
- Isolated ground capability for sensitive equipment.
- Component Rating: 20 amperes at 120/208 volt.
- 8-Wires (4 hots, 2 neutrals, 1 equipment ground, 1 isolated ground).

# 1/1/1 System Configuration (1 Hot, 1 Neutral, 1 Ground)



- One circuit capacity.
- Component Rating: 20 amperes at 120/208 volt.
- 3-Wires (1 hot, 1 neutral, 1 equipment ground).

Note: Contact factory for custom wiring configurations.

# **CONNEXION Zone Distribution System**

# 2.0 Zone Boxes

Zone Box	Wiring	Output	Total Number of	Circuits	
Part Number	Configuration	Whips	Circuits per Box	per Whip	Home Run Connection Type
ZB332C3W1POUT*	332	1	3	3	Wire nuts to open leads
ZB332C6W2P	332	2	6	3	Wire nuts to open leads
ZB332C12W4P	332	4	12	3	Wire nuts to open leads
ZB332C3W2TC	332	2	3	3	Single Screw down terminal block
ZB332C3W4TC	332	4	3	3	Single Screw down terminal block
ZB332C6W2TM	332	2	6	3	Multi Screw down terminal block
ZB332C12W4TM	332	4	12	3	Multi Screw down terminal block
ZB422S2C4W1POUT*	422, 2+2	1	4	4	Wire nuts to open leads
ZB422S2C8W2P	422, 2+2	2	8	4	Wire nuts to open leads
ZB422S2C16W4P	422, 2+2	4	16	4	Wire nuts to open leads
ZB422S2C4W2TC	422, 2+2	2	4	4	Single Screw down terminal block
ZB422S2C4W4TC	422, 2+2	4	4	4	Single Screw down terminal block
ZB422S2C8W2TM	422, 2+2	2	8	4	Multi Screw down terminal block
ZB422S2C16W4TM	422, 2+2	4	16	4	Multi Screw down terminal block
ZB422S3C4W1POUT*	422, 3+1	1	4	4	Wire nuts to open leads
ZB422S3C8W2P	422, 3+1	2	8	4	Wire nuts to open leads
ZB422S3C16W4P	422, 3+1	4	16	4	Wire nuts to open leads
ZB422S3C4W2TC	422, 3+1	2	4	4	Single Screw down terminal block
ZB422S3C4W4TC	422, 3+1	4	4	4	Single Screw down terminal block
ZB422S3C8W2TM	422, 3+1	2	4	4	Multi Screw down terminal block
ZB422S3C16W4TM	422, 3+1	4	16	4	Multi Screw down terminal block
ZB111C1W1POUT*	111	1	1	1	Wire nuts to open leads
ZB111C2W2P	111	2	2	1	Wire nuts to open leads
ZB111C4W4P	111	4	4	1	Wire nuts to open leads
ZB111C6W6P	111	6	6	1	Wire nuts to open leads
ZB111C8W8P	111	8	8	1	Wire nuts to open leads
ZB111C1W2TC	111	2	1	1	Single Screw down terminal block
ZB111C1W4TC	111	4	1	1	Single Screw down terminal block
ZB111C1W6TC	111	6	1	1	Single Screw down terminal block
ZB111C1W8TC	111	8	1	1	Single Screw down terminal block
ZB111C2W2TM	111	2	2	1	Multi Screw down terminal block
ZB111C4W4TM	111	4	4	1	Multi Screw down terminal block
ZB111C6W6TM	111	6	6	1	Multi Screw down terminal block
ZB111C8W8TM	111	8	8	1	Multi Screw down terminal block

Note:  ${}^*\mathbf{OUT}$  suffix denotes single whip output zone box, which will not be further expanded.

# 2.0 Furniture Feeds

Furniture feeds are junction boxes which come with a pre attached power "IN" connector allowing transition to building hard-wiring underneath the raised floor.

Zone Box Part Number	Wiring Configuration	Output Whips	Total Number of Circuits per Box	Circuits per Whip	Home Run Connection Type
ZB332C3W1PIN	332	1	3	3	Wire nuts to open leads
ZB422S2C4W1PIN	422, 2+2	1	4	4	Wire nuts to open leads
ZB422S3C4W1PIN	422, 3+1	1	4	4	Wire nuts to open leads
ZB111C1W1PIN	111	1	1	1	Wire nuts to open leads

# 2.0 Extender Cables

Hubbell Connexion 2.0 extender cables have male (power "IN") / female (power "OUT") ends allowing them to be connected in the field as needed. Available in three different versions, 422, 332, and 111, in 5 ft. increments up to 30 ft.

422 Family	332 Family	111 Family	Length	Connectors
CEXT422MFL01	CEXT332MFL01	CEXT111MFL01	1 ft.	Male / Female
CEXT422MFL05	CEXT332MFL05	CEXT111MFL05	5 ft.	Male / Female
CEXT422MFL10	CEXT332MFL10	CEXT111MFL10	10 ft.	Male / Female
CEXT422MFL15	CEXT332MFL15	CEXT111MFL15	15 ft.	Male / Female
CEXT422MFL20	CEXT332MFL20	CEXT111MFL20	20 ft.	Male / Female
CEXT422MFL25	CEXT332MFL25	CEXT111MFL25	25 ft.	Male / Female
CEXT422MFL30	CEXT332MFL30	CEXT111MFL30	30 ft.	Male / Female
CEXT422FWL01	CEXT332FWL01	CEXT111FWL01	1 ft.	Female / Open
CEXT422FWL01XP*	CEXT332FWL01XP*	CEXT111FWL01XP*	1 ft.	Female / Open
CEXT422MWL01	CEXT332MWL01	CEXT111MWL01	1 ft.	Male / Open
CEXT422MWL01XP*	CEXT332MWL01XP*	CEXT111MWL01XP*	1 ft.	Male / Open
CEXT422MWL05	CEXT332MWL05	CEXT111MWL05	5 ft.	Male / Open
CEXT422MWL15	CEXT332MWL15	CEXT111MWL15	15 ft.	Male / Open

Note: \*Standard lead length is 12 in. long. XP Suffix denotes 18 in. long leads for installments requiring extra-long wires.



Zone distribution Boxes are the core of the Connexion 2.0 system. They serve as the main interface between the conventionally connected electrical system and the labor saving Connexion 2.0 system. With a large array of knock outs, they can accept most conduit sizes when run from the circuit breaker panel. They also accept labor saving Homerun cables as part of the Connexion 2.0 system. With depth of 3 inches, the zone boxes will fit in almost any raised flooring system. Custom configurations are also available. Contact Hubbell Wiring Systems for ordering information.



# 2.0 Splitters

Distributes all cable conductors to up to three locations (one "IN", three "OUTS") to increase the amount of floor boxes fed from a singe Zone Distribution Box output whip.

Catalog Number	Wires	Hot Circuits
SP31	3	1
SP83	8	3
SP84	8	4



# 2.0 Homerun Cables

The Homerun cable is a dedicated 9-conductor (#10 AWG, THHN / THWN) cable from the panel to the zone box and allows for savings by removing the need to lay conduit and pull wire.

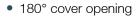
Catalog Number	Length
ZBHR25	25 ft.
ZBHR50	50 ft.
ZBHR75	75 ft.
ZBHR100	100 ft.





# **Custom Pre-Wired Access Floor Boxes**





• Two large cable egress doors

• Die cast aluminum construction

Five powder coat finishes

ADA compliant



# DUX

16 gauge galvanized sheet metal construction

# **Cable Whip**

- Wire leads for field termination
- Pre-wired cable whip

# **Features and Benefits**

- Reduce job site fabrication time and installation labor
- Access Floor Box pre-wired to your specifications
  - Choose from Hubbell quality devices
  - Single or multiple circuit wiring configurations
  - Various cable lengths

- Reduce job site waste
- Pigtail terminates beneath raised floor
- Box covers available in five finishes
- UL Listed Wiring Assembly, file number E305156

# Pre-Wired Raised Access Floor Box Options - Contact Hubbell Wiring Systems for Ordering Information

Box Series	Description	Cover Style	Cut Out Dimensions	Conduit Knockouts
AFB2G25PW	2-Gang, 21/2" Depth	Rectangular	6¾" x 13½"	1/2" - 3/4"
AFB2G50PW	2-Gang, 5.0" Depth	Rectangular	6¾" x 13%"	1/2" – 2"
AFB4G25PW	4-Gang, 21/2" Depth	Rectangular	11¼" x 11%"	1/2" - 3/4"
AFB4G50PW	4-Gang, 5.0" Depth	Rectangular	11¼" x 11%"	1/2" – 2"
AFB10G55PW	10-Gang, 51/2" Depth	Rectangular	11" x 11¼"	1/2" – 2"
RAFB4PW	4-Gang, 8.0" Depth	Round	8" Diameter	1/2" - 2"

# Products at a Glance

Featuring the unique capabilities of Hubbell's SystemOne universal cover and sub-plate design, Hubbell has expanded its floor box offering to provide industry leading flexibility while accommodating an extensive range of applications. Hubbell SystemOne is constructed to give customers the ability to create personal solutions for their most demanding, power, data and audio/video requirements.

# SystemOne Recessed Raised Access and Wood Floor Applications...



# 2-Gang Rectangular

Ideal for applications that call for basic power and data/AV requirements. The 2-gang boxes can be used as an access point to electrical or data connections, or as a furniture feed to power interior furniture partitions. Available in two box depths, the 2 ½ in. depth works well in floors using short pedestals; the 5 in. depth is ideal for furniture feed applications. The rectangular covers are available in assorted finishes to enhance any design scheme.

# Cover

- 180° cover opening
- Two large cable egress doors
- Listed to UL 514A and UL scrub water compliant
- Die cast aluminum cover construction
- Available in round, rectangular and furniture feed styles
- All covers are ADA compliant



# 4-Gang Rectangular

The Hubbell SystemOne 4-Gang Recessed Raised Access or Wood Floor Box delivers AV plus power. Similar to the 2-gang recessed raised access floor box, the 4-gang 2 ½ inch box depth provides a solution for floors using short pedestals. The 5 inch depth is ideal for applications with a lot of requirements. Rectangular covers in a variety of finishes will match any existing or new style.

# **Rectangular Boxes**

- 16 gauge galvanized sheet metal
- 6 in. solid conductor ground pigtail in each gang
- Many boxes allow for 2 in. conduits
- Mounts in tiles ¾ in. to 2 in. thick
- Patent pending, labor saving, easy mount device plates



# 4-Gang Round

With an 8 in. diameter, the Hubbell SystemOne 4-Gang Round Recessed Floor Box is ideal for use in raised access floors with pre-cut tile or wood floor coverings. With a variety of finish selections, the round covers blend in with the flooring and overall design of the building. Deep, 2 ¾ in. wiring compartments are ready to accommodate today's most advanced, high-performance power, data and AV needs to supply reliable connectivity.

# **Round Box**

- Fits in 8 in. diameter air diffuser holes
- 16 gauge galvanized sheet metal construction
- Individual grounding screws for each gang
- 2 in. knock-out on the bottom allows for large amounts of data and/or AV devices
- Mounts in tiles ¾ in. to 2 in. thick



# 10-Gang Rectangular

Designed to serve high-capacity, multiservice applications, the 10-gang floor box supports installation with an array of Hubbell power, data and AV devices. Third-party mounting plates are available for other manufacturers' devices, including Extron®, Crestron® and FSR®. A 5 ½ in. box depth offers great capacity for connectivity, with the ability accept 2 in. conduit to meet growing AV and data needs. The rectangular covers come in a variety of colors and finishes to enhance any building's design.

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# Selecting a SystemOne Recessed Raised Access or Wood Floor Box

To assist with the floor box selection process please have the following information available:

Electrical requirements:	Box depth	Cover style:
Power (each electrical device requires one gang) Data/AV (consult manufacturers' specification for size/volume requirements), number required.	Determine maximum tile thickness and stantion height and add together. Box depth	Round Rectangular
Add up total number to determine needed capacity. If necessary capacity is not shown round up to next size. Example: 9-Gang rounds up to a 10-Gang floor box.	can not exceed total.	

Once this information is gathered start on the right column "capacity" select necessary box, then select the concrete pour depth and on-grade or above-grade application, and finally cover style. Locate inter connecting point of all three categories and move to right to select correct catalog number.

- 1 Capacity: Select necessary box.
- 2 Box Depth: Determine maximum possible depth (tile and stantion height total) and select a depth less than the calculated height.
- 3 Cover Style: Select Round or Rectangular, not all box sizes are available in round.
- 4 Locate interconnecting point of all three categories and move to right to select correct catalog number.

				Box De	pth 2				
		2 ½ in.	3 in.	2 ½ in.	5 in.	5 ½ in.	6 ¼ in.		
				•				AFB2G25	
	0.0000			•				AFB2G25CHI	4
	2-Gang				•			AFB2G50	ber
					•			AFB2G50CHI	Number
0		•						AFB4G25	
Capacity		•						AFB4G25CHI	Catalog
Сар	4-Gang				•			AFB4G50	
					•			AFB4G50CHI	Correct
							•	RAFB4BASE	Select
	10 Cong					•		AFB10G55	Se
	10-Gang					•		AFB10G55CHI	
		Rectangular	Rectangular	Furniture Feed	Furniture Feed	Rectangular	Round		
				Cover S	tyle 3				



# **Features and Benefits**

# **SystemOne Recessed Benefits and Enhancements**

# **Functionality**

- Cables and connections are protected by recessed functionality
- Open architecture sub-plate design
- Dirt ingress reduced by egress door brushes
- Meets UL 514A scrub water requirements with ScrubShield® technology
- Easy selection with common flange for all floor types
- Round and rectangular box versions available

## Value

- Enhance building décor with numerous finishes
- Increase durability and longevity with cast aluminum covers

# **Online Resources**

 BIM models, customer drawings and technical specifications are available on www.hubbell-wiring.com





## Safety

- Low profile flanges meet ADA requirements
- Hide-away egress doors fold under cover while in use
- 180° opening of main doors



## Covers

- Die cast construction available in five finishes
- Furniture feed includes one 2 in. conduit hub and one 1 in. conduit hub with reducer to 3/4 in.
- Maximum static load of 800 lbs. with 2x safety factor\*

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.



# Rectangular Floor Boxes

- Standard or Chicago version available
- Temporary cover included



## Plates

- For use with 2, 4 and 6-gang floor boxes
- UL 514A listed



# **Round Floor Boxes**

- Corrosion resistant epoxy paint
- Temporary cover included



# RAFB4 Plates

 All RAFB4SP series plates are powder coat white

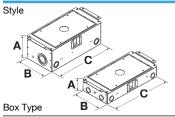
Visit web site for information on Hubbell's Pre-wired, Plug and Play, Connexion System.





# SystemOne Recessed 2-Gang Rectangular Floor Boxes, Covers and Plates For Use In Raised Access or Wood Floors

# **Dimensions Inches (mm)**

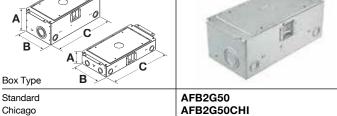












Chicago	AFB2G50CHI	AFB2G25CHI
Minimum Depth from Top of Floor Tile	5.00" (127.0)	2.50" (63.5)
Cubic Inch (cm3) Capacity per Gang	60 cu. in. (980 cm3)	30 cu. in. (490 cm3)
Dimensions – A	5.06" (128.5)	2.88" (73.2)
Dimensions – B	6.62" (168.2)	6.62" (168.2)
Dimensions – C	14.08" (357.6)	14.08" (357.6)
KO Trade Size: Front & Back Sides Bottom	(1) 1", 1½", 1½", 2" (2) ¾", 1", 1½" (4) ¾", 1", 1¼"	(4) ½", ¾" (2) ½", ¾" (2) ½", ¾", 1"
Cover Family	Rectangular	Rectangular
Temporary Cover Included	✓	✓



# Rectangular Covers (for use with raised access tiles and wood floors)

- Die cast construction available in five finishes
- Furniture feed includes one 2 in. conduit hub and one 1 in. conduit hub with reducer to % in.
- Maximum static load of 800 lbs. with 2x safety factor\*

S (A	
Mary Med	

		Cover dimensions 15 in. x	8¾ in.
Finish	Surface	Surface with Insert	Furniture Feed
Aluminum Powder Coat Black Powder Coat Brass Powder Coat Bronze Powder Coat Satin Nickel Powder Coat	2GAFBCVRALU 2GAFBCVRBK 2GAFBCVRBRS 2GAFBCVRBRZ 2GAFBCVRNK	2GAFBCVRALUC 2GAFBCVRBKC 2GAFBCVRBRSC 2GAFBCVRBRZC 2GAFBCVRNKC	2GAFBFFCVRALU 2GAFBFFCVRBK 2GAFBFFCVRBRS 2GAFBFFCVRBRZ 2GAFBFFCVRNK

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.

# Plates - for use in 2 4 and 6-Gang Floor Boxes

Plates	s - for use in 2, 2	and 6-Gang Fi	oor boxes			
• UL 51	14A listed					
Plate Style	(1) Decorator Opening	(1) Duplex Opening	(2) Extron <sup>®</sup> MAAP Openings	(2) Extron <sup>®</sup> Openings	(2) 1U Hubbell iStation Openings	(1) 1.5U Hubbell iStation Opening
Cat. No.	FBMPREC	FBMPDUP	FBMPMAAP	FBMPAAP	FBMP2IM	FBMP15IM
Plate Style	(1) Simplex Opening 1.40 in. Diameter	(1) Twist-Lock <sup>®</sup> Opening 1.60 in. Diameter	1-Gang Blank	Cable Feed Through with Bushing	(1) Opening for TracJack <sup>®</sup> or Series II <sup>®</sup>	(1) Opening w/ Hubbell ISF6 Frame for Keystone Jacks
Cat. No.	FBMP139	FBMP156	FBMPBNK	FBMPFT	FBMPTRAC	FBMP6KS
				0		

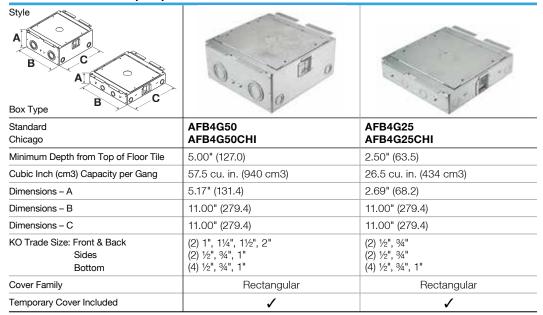
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# SystemOne Recessed 4-Gang Rectangular Floor Boxes, Covers and Plates For Use In Raised Access or Wood Floors

# **Dimensions Inches (mm)**













# Rectangular Covers (for use with raised access tiles and wood floors)

- Die cast construction available in five finishes
- UL 514A listed
- Maximum static load of 1500 lbs. with 2x safety factor\*

	Cover	dimensions 13 in. x 13¼ in.
Finish	Flush Surface	With Insert
Aluminum Powder Coat	4GAFBCVRALU	4GAFBCVRALUC
Black Powder Coat	4GAFBCVRBK	4GAFBCVRBKC
Brass Powder Coat	4GAFBCVRBRS	4GAFBCVRBRSC
Bronze Powder Coat	4GAFBCVRBRZ	4GAFBCVRBRZC
Satin Nickel Powder Coat	4GAFBCVRNK	4GAFBCVRNKC

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.

# Plates - for use in 2 and 4-Gang Floor Boxes

lates	- ioi use iii z a	iliu 4-Garig Floo	i boxes			
• UL 51	4A listed					
Plate Style	(1) Decorator Opening	(1) Duplex Opening	(2) Extron <sup>®</sup> MAAP Openings	(2) Extron <sup>®</sup> Openings	(2) 1U Hubbell iStation Openings	(1) 1.5U Hubbell iStation Opening
Cat. No.	FBMPREC	FBMPDUP	FBMPMAAP	FBMPAAP	FBMP2IM	FBMP15IM
	(1) Simplex	(1) Twist-Lock®		Cable Feed	(1) Opening for	(1) Opening w/
Plate Style	Opening 1.40 in. Diameter	Opening 1.60 in. Diameter	1-Gang Blank	Through with Bushing	TracJack <sup>®</sup> or Series II <sup>®</sup>	Hubbell ISF6 Frame for Keystone Jacks
Cat. No.	FBMP139	FBMP156	FBMPBNK	FBMPFT	FBMPTRAC	FBMP6KS
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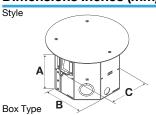


# SystemOne Recessed 4-Gang Round Floor Boxes, Covers and Plates For Use In Raised Access or Wood Floors



RAFB4NKL with Devices

# **Dimensions Inches (mm)**





Box Type		
Round	RAFB4BASE	
Minimum Depth from Top of Floor Tile	6.25" (158.8)	
Cubic Inch (cm3) Capacity per Gang	28.5 cu. in. (460 cm3)	
Dimensions – A	6.41" (162.9)	
Dimensions – B	7.33" (186.2)	
Dimensions – C	8.05" (204.6)	
KO Trade Size: Sides Bottom	(2) ½" (2) ¾", 1½" - Concentric, (2) 1", 1½" - Concentric (1) 1½", 2" (1) ¾", 1" - Concentric, (1) ¾", 1", 1¼" - Concentric	
Temporary Cover Included	✓	
ADA	Flange thickness is 1/2 inches thick and complies with ADA requirements	



**RAFB4BRS** 











# **RAFB4 Series – Round Floor Box with Cover**

Includes: RAFB4BASE and 8 in. cover		
Cover Finish	Catalog Number	
Brushed Aluminum Black Powder Coat	RAFB4ALU RAFB4BLK	
Brass Plated	RAFB4BRS	
Bronze Plated	RAFB4BRZ	
Satin Nickel Plated	RAFB4NKL	

# 8 Inch Round Covers\*

o mon nouna covers		
Round covers are suitable for use with all floor types		
Plate Style	Catalog Number	
Brushed Aluminum	CFBS1R8CVRALU	
Black Powder Coat	CFBS1R8CVRBLK	
Brass Plated	CFBS1R8CVRBRS	
Bronze Plated	CFBS1R8CVRBRZ	
Satin Nickel Plated	CFBS1R8CVRNKL	

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.

# **RAFB4 Series - Plates**

• All RAFB4SP series plates are powder coat white

Plate Styl	е		(1) Simplex Opening	(1) Twist-Lock® Opening	
	(1) Decorator	(1) Duplex	1.40 in. Diameter	1.60 in. Diameter	Blank
Cat. No.	RAFB4SPDECO	RAFB4SPDUPLEX	RAFB4SPTL14	RAFB4SPTL16	RAFB4SPBLANK











Plate Style (1) Hubbell iStation Opening for 3 Units (3) Extron® MAAP Modules

(2) Extron® **AAP Modules**  Opening to Accept Bezels for Ortronics TracJack®

**RAFB4SP3UIS RAFB4SP3MAAP RAFB4SP2AAP RAFB4SPORT** Cat. No.











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# SystemOne Recessed 10-Gang Rectangular Floor Boxes, Covers and Plates For Use In Raised Access or Wood Floors

AFB10G55

5.50" (139.7)

5.74" (145.9)

10.96" (278.4)

12.37" (314.1)

(1) 1", 11/4", 11/2", 2" (2) 34", 1", 11/4", 11/2"

AFB10G55CHI

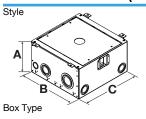
25 cu. in. (400 cm3)

(1) ½", ¾", (1) ¾", 1", 1¼", 1½",

Rectangular

(2) 1/2", 3/4", (4) 1/2", 3/4", 1", 11/4"

# **Dimensions Inches (mm)**



Min. Depth from Top of Floor Tile

KO Trade Size: Front & Back

Sides

**Bottom** 

Standard

Chicago

Cubic Inch (cm3)

Dimensions - A

Dimensions - B

Dimensions - C

Cover Family

Plate

Style

Capacity per Gang



-
4
0







# **Rectangular Covers**

(for use with raised access tiles and wood floors)

- · Die cast construction available in five finishes
- UL 514A listed
- Maximum static load of 1500 lbs with 2x safety factor\*

Finish	Surface Style Cover	Surface Style Cover with Insert
Aluminum Powder Coat	10GAFBCVRALU	10GAFBCVRALUC
Black Powder Coat	10GAFBCVRBK	10GAFBCVRBKC
Brass Powder Coat	10GAFBCVRBRS	10GAFBCVRBRSC
Bronze Powder Coat	10GAFBCVRBRZ	10GAFBCVRBRZC
Satin Nickel Powder Coat	10GAFBCVRNK	10GAFBCVRNKC

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.

# AFB10 Series - Plates

Temporary Cover Included

Style Cat. No.	Opening FB10MPREC	Opening FB10MPDUP	Blank FB10MPBNK	Including Hubbell ISF6GY FB10MPKEY	(6) Ortronics TrackJack <sup>®</sup> <b>FB10MPTRAC</b>
Plate	(1) Decorator	(1) Duplex	Diani	Decorator Opening Plate	(2) Openings to Accommodate









Cat. No.	FB10MP2A
	1000





(4) Extron® AAP

Modules



For (6) 1U Hubbell

iStation Modules



Replacement Spacer

Around Wire-Way

(1) Twist-Lock® Opening Plate 1.60 in. Dia. Style (Uses 2-Gangs)

(2) Decorator

FB10TLX

(4) Extron® MAAP

Modules

(1) Simplex Opening 1.40 in. Dia. (Uses 2-Gangs)

(2) Twist-Lock® Opening 1.60 in. Dia. (Uses 3-Gangs)

(2) Simplex Opening 1.40 in. Dia. (Uses 3-Gangs)

(1) Opening for Appliance Receptacle (Uses 3-Gangs)

Cat. No. FB10TLA





FB10TLB



FB10TLY



FB10MP3GAPP

Plate Style (3) Twist-Lock® Opening 1.60 in. Dia. (Uses 5-Gangs) (3) Simplex Opening 1.40 in. Dia. (Uses 5-Gangs) (2) 2-Gang, Meets NEMA Spacing. Ideal for Crestron® DM –TX Product and Power (Uses 5-Gangs)

(4) Single Service Openings Utilizing NEMA Wallplate (Uses 5-Gangs)

Cat. No. FB10TLC



FB10TLZ



**CFB10NEMA** 



FB10MPNEMA4G

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# **Features and Benefits**

# SystemOne 4 inch Recessed Floor Box, for Raised Access and Wood Floors

The AFBS1R4 floor box was designed for use in raised access or wood floors. It installs easily into a 4 inch diameter hole and is retained by two sets of retaining barbs on the side. Electrical connections are made below the walking surface to protect the electrical devices and increase safety by reducing tripping hazards. Intended for areas that require basic power requirements - one duplex, a duplex with two data jacks or a quadplex – the unobtrusive design will blend into any setting. Available in six architectural finishes and utilizing a flange that is ADA compliant at 1/8 inch thick, Hubbell SystemOne Floor Boxes harmonize aesthetics with function and safety.

- UL listed, scrub water compliant
- Plenum rated box assembly



AFBS1R4BRS



# **Box Design**

- Durable die-cast aluminum box construction
- Flexible single or dual service
- Easily installs in 4 inch diameter hole, 5% inch device depth
- Four ½ inch side knockouts
- One 1, ¾ and ½ inch concentric bottom knockout



## Covers

- Durable die-cast aluminum cover
- 1,000 lbs, static load rated cover
- Available in six architectural finishes



## Safety

- Increased safety with recessed connections
- Low profile flanges meet ADA requirements



- Hide-away egress door fold under cover while in use
- 180° opening of main doors



# **Easy Mount Device Plates**

 All S1R4SP series plates are powder coat white



# Applications

 Raised access and wood floor applications in commercial and residential buildings



# SystemOne 4 inch Recessed Floor Box, for Raised Access and Wood Floors

# 4 inch Recessed Floor Boxes

Description	Catalog Number
Floor Box with temporary installation Cover	AFBS1R4BASE
Floor Box (AFBS1R4BASE) with Brushed Aluminum Finish Cover (AFBS1R4CVRALU)	AFBS1R4ALU
Floor Box (AFBS1R4BASE) with Black Powder Coat Finish (AFBS1R4CVRBLK)	AFBS1R4BLK
Floor Box (AFBS1R4BASE) with Plated Brushed Brass Finish Cover (AFBS1R4CVRBRS)	AFBS1R4BRS
Floor Box (AFBS1R4BASE) with Plated Antique Bronze Finish Cover (AFBS1R4CVRBRZ)	AFBS1R4BRZ
Floor Box (AFBS1R4BASE) with Gray Powder Coat Finish Cover (AFBS1R4CVRGRY)	AFBS1R4GRY
Floor Box (AFBS1R4BASE) with Plated Satin Nickel Finish Cover (AFBS1R4CVRNKL)	AFBS1R4NKL



AFBS1R4BASE



AFBS1R4BLK



Installation

Low Voltage Divider

Description

**Replacement Parts** 

Replacement Bottom Knockouts

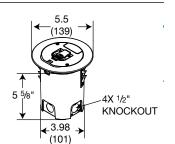
Hole Diameter	4 inch
Bottom Knock out	1 inch, ¾ inch, ½ inch concentric
Side knock out	(4) ½ inch



- Flange diameter is 5.5 inches
- Flange thickness is 1/8 inches thick and complies with ADA requirements

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.

• Cover load rating is 1,000 lbs, for a static load applied through a 3 inch dia. mandrel with 2x safety factor\*



Catalog Number

AFBS1R4DIV

AFBS1R4BOTTOM



AFBS1R4DIV



AFBS1R4BOTTOM

# **Architectural Covers**

Plated Brushed Brass Finish,

Single fold under cable

AFBS1R4CVRBRS

egress door.

Description / Catalog Number	Cover	Description / Catalog Number	Cover
Brushed Aluminum Finish, Single fold under cable egress door.		Plated Antique Bronze Finish, Single fold under cable egress door.	ā
AFBS1R4CVRALU		AFBS1R4CVRBRZ	



Plated Satin Nickel Finish, Single fold under cable egress door.



# AFBS1R4CVRBLK

egress door.

Gray Powder Coat Finish, Single fold under cable egress door.

**Powder Coat Covers** Description / Catalog Number

Black Powder Coat Finish, Single fold under cable



Cover

AFBS1R4CVRGRY

# **Device Mounting Plates**

Dovido infoaming i lator					
Description / Catalog Number	Sub-plate	Description / Catalog Number	Sub-plate	Description / Catalog Number	Sub-plate
2X2 Sub-plate with (1) StyleLine® decorator device opening and (2) keystone jack openings	1	(1) StyleLine <sup>®</sup> decorator device opening for power or datacom applications		2X2 Sub-plate with (1) decorator device opening and (2) Ortronics® TracJack® openings	1
S1R4SP2X2STYLE		S1R4SPSTYLE		S1R4SP2X2STYLETJ	-
2X2 Sub-plate with (1) duplex device opening and (2) keystone jack openings	8	(1) Duplex device opening for power or datacom applications	A	2X2 Sub-plate with (1) duplex device opening and (2) Ortronics® TracJack® openings	8
S1R4SP2X2DUPLEX	4.1	S1R4SPDUPLEX	41	S1R4SP2X2DUPLEXTJ	100
(4) Single 20A receptacles. Can be wired as single or two circuit with isolated ground capability, 12 inch wire leads	0.0	(1) 1.60 inch opening for 20 or 30A Twist-Lock <sup>®</sup> receptacle	Ö	(1) 1.40 inch opening for simplex receptacle	Ö
S1R4SPQUAD		S1R4SPTWIST		S1R4SPSIMPLEX	

TracJack®, Series II® and Ortronics® are registered trademarks of Ortronics/Legrand.



# **Features and Benefits**

# SystemOne 6 inch Furniture Feed Floor Box, for Raised Access and Wood Floors

The AFBS1R6FF floor box is designed for use in raised access or wood floors. It installs easily into a 6 inch diameter hole and is retained by two pawl arms which swing outwards when tightened by a screw driver. Providing the lowest profile in the industry, the 1/8 inch flange thickness is ADA complaint. The box can also serve as a wiring chamber for power if needed.

Available in six architectural finishes, Hubbell SystemOne Floor Boxes harmonize aesthetics with function and safety.

- UL listed, scrub water compliant
- Plenum rated box assembly



AFBS1R6FFNKL



# **Box Design**

- One high capacity opening in side for passing low voltage cables through
- One ¾ and ½ inch concentric knockout on side and bottom for power
- Installs in raised access floor tiles or wood floors with thicknesses of 1 to 2 inches
- Installs in 6 inch diameter hole
- One 2 inch knockout on bottom



## Covers

- Durable die-cast aluminum cover
- 1,000 lbs, static load rated cover
- Cover features one 2 inch conduit hub for low voltage and one ¾ inch conduit hub for power
- Available in six architectural finishes



## Safety

- Increased safety with recessed connections
- Low profile flanges meet ADA requirements
- 色
- Cover load rating is 1,000 lbs, for a static load applied through a 3 inch dia, mandrel



# **Additional Parts**

- Low voltage divider
- Low Voltage Grommet
- Low Voltage Gate
- 2 inch conduit adapter



# Applications

• Raised access and wood floor applications in commercial and residential buildings





# SystemOne 6 inch Furniture Feed Floor Box, for Raised Access and Wood Floors

# 6 inch Recessed Floor Boxes

Description	Catalog Number
Floor Box with Temporary Installation Cover	AFBS1R6BASE
Floor Box (AFBS1R6BASE) with Brushed Aluminum Finish Cover (AFBS1R6FFCVRALU)	AFBS1R6FFALU
Floor Box (AFBS1R6BASE) with Black Powder Coat Finish (AFBS1R6FFCVRBLK)	AFBS1R6FFBLK
Floor Box (AFBS1R6BASE) with Plated Brushed Brass Finish Cover (AFBS1R6FFCVRBRS)	AFBS1R6FFBRS
Floor Box (AFBS1R6BASE) with Plated Antique Bronze Finish Cover (AFBS1R6FFCVRBRZ)	AFBS1R6FFBRZ
Floor Box (AFBS1R6BASE) with Gray Powder Coat Finish Cover (AFBS1R6FFCVRGRY)	AFBS1R6FFGRY
Floor Box (AFBS1R6BASE) with Plated Satin Nickel Finish Cover (AFBS1R6FFCVRNKL)	AFBS1R6FFNKL



AFBS1R6BASE



AFBS1R6FFBLK

# **Replacement Parts**

Description	Catalog Number
Low Voltage Divider	AFBS1R6DIV
Low Voltage Grommet	AFBS1R6GROM
Low Voltage Gate	AFBS1R6GATE

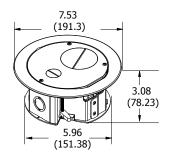




AFBS1R6DIV

# Installation

Hole Diameter	6 inch
Bottom low Voltage Knock out	2 inch
Side low voltage entry	Removable gate, area equal to 2 inch conduit
Bottom Power Knock out	34" 1/2" concentric
Side Power knock out	¾" ½" concentric
Fastening	2 pawl arms







# Covers

- Flange Diameter 7.5 inches
- Flange thickness is 1/8 inches thick and complies with ADA requirements
- Cover load rating is 1,000 lbs, for a static load applied through a 3 inch dia. mandrel with 2x safety factor\*

# Architectural Covers

Description / Catalog Number

Brushed Aluminum Finish, with 2 inch and ¾ threaded hubs.

# AFBS1R6FFCVRALU

Plated Brushed Brass Finish, With 2 inch and ¾ threaded hubs.

# AFBS1R6FFCVRBRS

00

Cover

hubs.

Plated Satin Nickel Finish, With 2 inch and ¾ threaded hubs.

Description / Catalog Number

Plated Antique Bronze Finish,

With 2 inch and 3/4 threaded

# AFBS1R6FFCVRNKL

AFBS1R6FFCVRBRZ

Note: \*Load applied through a 3 in. (76mm) mandrel in center of the cover.

# **Powder Coat Covers**

Description / Catalog Number
Black Powder Coat Finish,
With 2 inch and ¾ threaded
hubs.



# AFBS1R6FFCVRBLK

Gray Powder Coat Finish, With 2 inch and % threaded hubs.



AFBS1R6FFCVRGRY

Dimensions in Inches (mm)

Cover

# Products at a Glance

This family of furniture and work surface connectivity boxes installs into conference tables and workstations to bring power, voice, data, and multimedia directly to the point of use. In addition, they offer an aesthetic design with improved cable management. Now, users can plug in laptops, projectors and other equipment at the desktop level - no more crawling under the table or moving obstacles to get to the electrical outlet and network connectivity.

# Furniture and Work Surface Connectivity Boxes



## Flush Mount Boxes

Hubbell offers square and rectangular flush mount boxes in a variety of configurations. These boxes are available in stainless steel, anodized aluminum or painted finishes to match any décor. Boxes are designed for easy installation and are available pre-wired or empty for field wiring.



# Lift-up Style Boxes

Offering a convenient and attractive method for work surface power and data connections, these boxes are available in several finishes. When not in use, services are concealed by flipping the unit down.



# 2X2 USB Work Surface Pop-Up Box

Simple push-down method for opening and closing, two 125V receptacles plus two USB charging ports, 3.8 Amps of USB charging, with minimal 5 inch square footprint, pre-wired 5 foot cord, NEMA 5-15P plug. Available in brushed aluminum or black powder coat finishes.

# **Table Top Boxes**



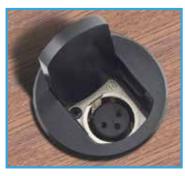
# **Pre-Wired Boxes**

Round dual-service boxes easily install into a 3½ inch diameter core hole. Power is pre-wired and keystone openings accommodate data or multi-media activation.



# **Pre-Wired Boxes**

Configured with 15A power outlet, 15-pin feed through and 3.5mm audio jack. This unit allows for further customization by populating two keystone openings.



# Low Voltage Boxes

Low voltage only units are available pre-loaded with XLR microphone jack or with keystone opening for Hubbell snap-fit modules.

# Furniture and Work Surface Connectivity Boxes

(	P
•	_

# **Square Flush Mount Boxes**

Description	Finish	Dimensions	Catalog Number
2-Gang Square Flush Mount Box with Cover.	Black	6.5"L x 6.5"W x 3.75"H	HBLSHA2
	Stainless Steel		HBLSHA2BSS
Rectangular Flush Mount Boxes			
2-Gang Rectangular Flush Mount with Cover.	Black	10.75"L x 4.06"W x 3.5"H	HBLPHA2
	Stainless Steel		HBLPHA2BSS
4-Gang Rectangular Flush Mount with Cover.	Black	10.75"L x 6.5"W x 3.5"H	HBLPHA4
	Stainless Steel		HBLPHA4BSS
Surface Mount Boxes			
2-Gang Surface Mount Box.	Black	4.19"L x 4.81"W x 2.44"H	HBLCON2
3-Gang Surface Mount Box.	Black	6.19"L x 4.81"W x 2.44"H	HBLCON3
Recessed Mount Boxes			
2-Gang Recessed Mount.	Black	10.25"L x 7.0"W x 5.88"H	HBLMIR2
4-Gang Recessed Mount.	Black	31.0"L x 10.25"W x 5.88"H	HBLMIR4
Under Desk Mount Boxes			
2-Gang Under Desk Mount.	Black	9.19"L x 3.0"W x 2.88"H	HBLMAR2
3-Gang Under Desk Mount.	Black	13.69"L x 3.0"W x 2.88"H	HBLMAR3



**HBLSHA2** 



**HBLPHA2** 



**HBLCON2** 



**HBLMAR2** 

# **Hubbell - Screw Type Face Plates**

Description	Catalog Number
Duplex Style Line® Toggle Single Receptacle (1.56" Boss Dia.) Single Receptacle (1.39" Boss Dia.) Blank 3-Unit Hubbell iSTATION (See Network Wiring section Y for module options)	HBLST302SBK HBLDE301SBK HBLT0310SBK HBLTL318SBK HBLTL319SBK HBLBL300SBK HBLBL300SBK
Hubbell 6-Port	HBL317SBK



# Open Systems - Screw Type Face Plates

Description	Catalog Number
AMP-ACO	HBLAM303SBK
AMP 6-Port	HBLAMP313SBK
Krone®/Leviton®	HBLKR314SBK
SYSTIMAX®	HBLLT309SBK
Panduit Mini-Com®	HBLPA308SBK
NORDX® 6-Port (Cat. 5e jacks only)	HBLNO309SBK
Siemon CT® Series	HBLSI305SBK
Siemon MAX® Series	HBLSI315SBK
Ortronics Series II®	HBLOR306SBK
Ortronics TracJack®	HBLORT322SBK









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Typical

**Table Top Boxes** 

# Low Voltage Only

Low voitage only			
Description	Finish	Dimensions	Catalog Number
Table Top box; 2 inch diameter hole; (1) keystone opening; Keystone modules sold separately.	Black Anod. Alum. Clear Anod. Alum. Solid Brass	2.19" Diameter	TTBKSBK TTBKSAL TTBKSBR
Table Top box; 2 inch diameter hole; (1) XLR microphone jack installed.	Black Anod. Alum. Clear Anod. Alum. Solid Brass	2.19" Diameter	TTBXLRBK TTBXLRAL TTBXLRBR

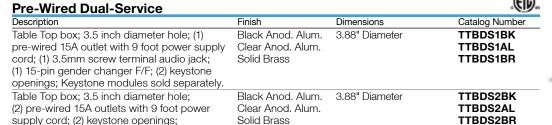
Note: \*Catalog number indicated is Black, replace "BK" with the following to designate color: "GY" for Gray, "I" for Ivory and "WA" for White.



**TTBKSBK** 



TTBXLRBK





TTBDS1BK



TTBDS2BK

Note: See section A for power devices and section Y for datacom accessories.

Keystone modules sold separately.



# **Features and Benefits**

# Pre-Wired 2X2 USB Work Surface Pop-Up Box

Hubbell's UL listed 2X2 USB Work Surface Pop-Up Box is ideal for work surfaces, such as desks, which require power for a computer and USB charging for smart devices. Developed with coordination from the hotel industry, the Hubbell Pop-Up Box utilizes a pneumatic spring for providing a smooth action for opening and closing. Available in brushed aluminum or black powder coat, the Pop-Up Box is suited for installation with any modern décor.

Installation is simple and only requires a jig-saw or similar saw plus a screwdriver. The unit is supplied with a 5 foot cord with a molded plug end allowing it to be installed with ease. Designed to be installed into existing desks or by furniture manufactures. The Hubbell 2X2 USB Work Surface Pop-Up Box is ideally suited for any work surface application.

 cULus listed to UL962A for Furniture Power Distribution Units



# WSBUSB2X2ALU



# Box Design

- Gas-spring actuation for smooth opening and closing
- Die cast aluminum construction
- Rated for +10,000 open/close cycles
- Simple three-screw installation
- Unobtrusive low profile flange at 0.05 in.
- Charging convenience at the push of a button



## **USB** Device

- 15A duplex with two USB charging ports, 3.8A USB charging capacity
- Tamper-resistant receptacle
- LED power indicating light
- Easily replaceable receptacle
- 5 ft, pre-wired, 12 gauge, 3 wire electrical cord - making it excellent for conference rooms or classrooms that are frequently rearranged



WSBUSB2X2ALU

# TE S

WSBUSB2X2BLK

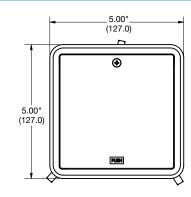
# 2X2 USB Work Surface Pop-Up Box

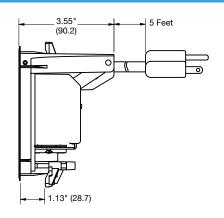
Surface Dimensions	Cut out dimensions	Product Depth	Maximum Surface Thickness	Finish	Catalog Number
5" x 5"	4.62" x 4.62"	3.55"	1.125"	Brushed Aluminum	WSBUSB2X2ALU
5" x 5"	4.62" x 4.62"	3.55"	1.125"	Black Powder Coat	WSBUSB2X2BLK

# **Electrical Specifications**

		USB Charging		
Voltage	Current	Current	Plug Type	Cord Length
125V	15A	3.8A	NEMA 5-15P	5 Feet

# **Dimensions**







# Pre-Wired Furniture and Work Surface Connectivity Boxes, Surface Series

Square Lift-Up Style

Description	Finish	Dimensions	Catalog Number
Two (2) pre-wired 15A outlets with 6 ft. power supply cord; 1-Unit opening for Hubbell iSTATION modules. Unit rotates up when in use and down to conceal services when not in use.	Black	5.75"L x 5.39"W x 4.25"H	WSBC21UBK



WSBC21UBK

# **Square Mini Lift-Up Style**

Description	Finish	Dimensions	Catalog Number
One (1) pre-wired 15A outlet with 9 ft. power supply cord; One (1) RJ-45 jack installed with 6 ft. patch cord.	Black Brushed Stainless Steel	3.7"L x 3.7"W x 2.93"H	WSBA11BK WSBA11BSS
Two (2) pre-wired 15A outlets with 9 ft. power supply cord (power only).	Black Brushed Stainless Steel	3.7"L x 3.7"W x 2.93"H	WSBA2BK WSBA2BSS



# **Under Table Mount**

Description	Finish	Dimensions	Catalog Number
Two (2) pre-wired 15A outlets with 9 ft. power supply cord; One (1) Low Voltage Plate included with 1-Unit opening for Hubbell iSTATION modules.	Black	6.50"L x 1.75"W x 2.25"H	WSBD21UBK



# WSBD21UBK

# **Work Surface Mount**

Description	Finish	Dimensions	Catalog Number
One (1) pre-wired 15A outlet with 9 ft. power supply cord; One (1) Hubbell Keystone opening.	Black Silver	3.57"L x 2.19"W x 2.50"H	WSBE11BK WSBE11SV
Two (2) pre-wired 15A outlets with 9 ft. power supply cord; Two (2) Hubbell Keystone openings.	Black Silver	6.32"L x 2.19"W x 2.50"H	WSBE22BK WSBE22SV
Three (3) pre-wired 15A outlets with 9 ft. power supply cord; One (1) Low Voltage Plate included with 1-Unit opening for Hubbell iSTATION modules.	Black Silver	8.25"L x 2.19"W x 2.50"H	WSBE31UBK WSBE31USV
Mounting bracket with thumb screw (optional).	n/a	n/a	WSBECLAMP



# **Recessed Concealed Services**

Recessed Concealed Services					
Description	Finish	Dimensions	Catalog Number		
Two (2) pre-wired 15A outlets with 6 ft. power supply cord; One (1) Low Voltage Plate included with 1-Unit opening for Hubbell iSTATION modules; Two (2) additional 1-Unit openings provided in base of unit.	Black Brushed Anod. Alum. Brushed Stainless Steel	8.98"L x 5.47"W x 2.97"H	WSBB23UBK WSBB23UBAL WSBB23UBSS		
Four (4) pre-wired 15A outlets with 6 ft. power supply cord; Two (2) 1-Unit opening for Hubbell iSTATION modules provided in base of unit.	Black Brushed Anod. Alum. Brushed Stainless Steel	8.98"L x 5.47"W x 2.97"H	WSBB43UBK WSBB43UBAL WSBB43UBSS		
Empty Enclosure with one (1) duplex opening, One (1) Low Voltage Plate included with 1-Unit opening for Hubbell iSTATION modules; Two (2) additional 1-Unit openings provided in base of unit; intended for field wiring.	Black	8.98"L x 5.47"W x 2.97"H	WSBBHWBK		

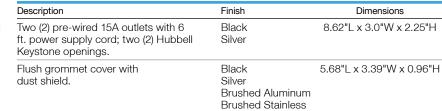


WSBB23UBK



# Pre-Wired Furniture and Work Surface Connectivity Boxes, Surface Elite Series

WSBF22BK



Steel





**Grommet Style** 

**WSBFGROMSV** 





Catalog Number

WSBF22BK

WSBF22SV

**WSBFGROMBK** 

**WSBFGROMSV** 

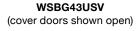
**WSBFGROMBAL** 

**WSBFGROMBSS** 

**Pre-Wired Work Surface Elite Series** 

# **Recessed Concealed Services**

Description	Finish	Dimensions	Catalog Number
Four (4) pre-wired 15A outlets with 6 ft. power supply cord; three (3) new voltage openings which allow for three (3) 1-unit Hubbell iSTATION modules.	Black Silver Clear Anodized Black Anodized	15.0"L x 9.0"W x 6.25"H	WSBG43UBK WSBG43USV WSBG43UBAL WSBG43UBBA



# Pop-Up Style\*



WSBH42U with **WSBHTRBK** 

Description	Finish	Dimensions	Catalog Number
Base unit with four (4) pre-wired 15A outlets with 6 ft. power supply cord; two (2) low voltage plates included with 1-unit opening for Hubbell iSTATION modules.	_	8.90"L x 8.90"W x 13.9"H	WSBH42U*
Trim ring and decorative round top.	Black	5.25" Diameter	WSBHTRBK
	Brushed Stainless Steel	5.25" Diameter	WSBHTRBSS

Note: \*WSBH42U is CSA Certified only.

# Replacement Low Voltage Data Plates

Description	Finish	Dimensions	Catalog Number
Non-metallic low voltage plate, blank.	Black	3.18"L x 1.88"W	WSBPLATE1
Non-metallic low voltage plate, 1-unit Hubbell iSTATION cut-out.	Black	3.18"L x 1.88"W	WSBPLATE2





**WSBPLATE2** 

# **Features and Benefits**

# **AV In-Wall Enclosure**

Hubbell's netSELECT® Flat Panel Television (FPTV) connection enclosure delivers high-density connectivity and power in the wall. This allows flat panel displays and interactive "smart" boards to sit flush against walls with no dangling cords. It quickly installs to study or sheetrock without additional components or hardware.

- Optional screw on cover reduces tampering
- cÜLus 1863 Listed



NSAV62M

# Box Design

- Flush against walls installation
- Sheet metal base white powder coat finish
- Accepts standard electrical boxes
- Integrated cable management



# Mounting

- Multiple device mounting options
- 1½ and 1¼ inch conduit knockouts
- Easily mounts to studs or sheetrock
- Easily replaceable receptacle
- Trim ring covers rough in

# **FPTV Connection Enclosure**

Description	Color	Catalog Number
2-Gang In-Wall enclosure.	White	NSAV62M
Steel cover for NSAV6 series.	White	NSAV6C
4-Gang In-Wall enclosure.	White	NSAV124M
Steel cover for NSAV12 series.	White	NSAV12C

Power Kits (For use with NSAV62M only)

Description	Color	Catalog Number
Standard power kit.	White	NSOKPTR
Surge protected power kit.	Blue	NSOKPS



Description	Color	Catalog Number
1-Gang blank plate.	White	NP14W
1-Gang decorator plate.	White	NP26W
1-Gang Hubbell iSTATION plate.	White	IMF1W
1-Gang 4-port Keystone plate.	White	NSP14W
1-Port HDMI frame.	White	NS801W
2-Port HDMI frame.	White	NS802W
HDMI snap fit.	White	SFHC14W
F-connector snap fit.	White	NSF70W
Usb A-to-B snap fit.	White	SFUSBABW
Cat 6 snap fit jack.	White	NSJ6W
·		



NSAV6C







SFHC14W

NSJ6W

# **AV Ceiling Enclosure**

The AV Ceiling Enclosure is designed to work with active AV devices to integrate AV distribution, data connections and power in one location, providing a direct connection to a projector or a display device. An additional AV/data kit can be added or customized to address all connector, mounting and patching needs, reducing multiple pieces on site.

- Manage multiple applications inside one enclosure
- Flush mounted, white enclosure for consistent look when mounted in the ceiling
- Loaded with two Hubbell 20A duplex receptacles and a 2-gang back box
- All steel rugged construction provides the ultimate strength for installation



AVCE1H

# **AV Ceiling Enclosure**

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Color	Catalog Number
AV ceiling enclosure.	12" (305)	24" (610)	8" (203)	White	AVCE1H

Note: Enclosure includes two 20 amp duplex receptacles and 2-gang back box.



# **Gangable AV and Large Capacity Wall Boxes**



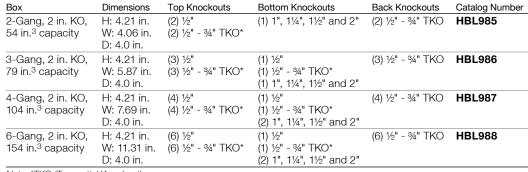
**HBL985** 



HBL985 and HBL986 with HBL989 Low Voltage Partition



**Gangable AV Wall Boxes** 



Note: \*TKO (Tangential Knockout).

# **Low Voltage AV Wallbox Partitions**

Compatible With	Compatible Mud Ring Depth	Description	Quantity	Catalog Number
HBL985 and HBL986	½", ¾" and 1¼"	Solid divider	1	HBL989
		With pass-thru capability	1	HBL989AVD



**HBL989** 

**HBL986** 

**HBL260** 



Back (Cutaway)





Note: Cutaway images are for demonstration purposes only.

# 2-Gang Large Capacity Wall Box - 66.7 Cubic Inch Capacity

Description	Dimensions	Knockouts Sides*	Knockouts Back*	Catalog Number
Square 2-gang	4 <sup>11</sup> / <sub>16</sub> "H x 4 <sup>11</sup> / <sub>16</sub> "W x 3½"D	(2) ¾" - 1" TKO;	(2) 3/4" - 1" TKO	HBL260
wall box		(2) 1" – 1¼" TKO;	(2) ½" TKO	
		(2) 1" – 2" conc. KO		

Note: Use with industry standard 411/16" square mud rings for 1- or 2-gang applications. \*TKO (Tangential Knockout)

# 3-Gang Large Capacity Wall Box - 113.3 Cubic Inch Capacity

Description	Dimensions	Knockouts Sides	Knockouts Back	Catalog Number
Square 2 or 3-gang wall box	4¹¼e"H x 7¾"W x 3¼"D	(4) ½" – ¾" TKO, (4) ¾" – 1" TKO, (2) 1" – 1¼" TKO, (2) 1" – 2" conc. KO	(2) ½" – ¾" TKO, (2) ¾" – 1" TKO, (2) 1" – 1¼" TKO	HBL263

Note: Use with industry standard 4" square mudrings for 1- or 2-gang applications.

Catalog Number

**HBL818** 

**HBL840** 

**HBL819** 

**HBL820** 



**HBL263** 



**HBL794** 



**HBL981** 

# 3-Gang Mud Rings - Compatible with HBL263

Description	Capacity (cu. in.)	Catalog Number
½" height	10.1	HBL792
%" height	12.3	HBL793
11/4" height	24.3	HBL794

# **Low Voltage Partitions**

2-Gang Mud Rings -

Description

%" height

34" height

1" height

11/4" height

Compatible with HBL260

Capacity (cu. in.)

7.3

8.8

12.0

15.0

Compatible With	Compatible Mud Ring Depth	Description	Quantity	Catalog No.
HBL260 and HBL263	½", ¾" and 1¼"	Solid divider	1	HBL981
		With pass-thru capability	1	HBL981AVD