

HUBBELL SystemOne

Fully Adjustable
4-Inch Round
Recessed
Floor Boxes



from the Leader in Delivery Systems

Hubbell SystemOne Fully Adjustable 4-Inch Round Recessed

The next big step in innovation

The Hubbell SystemOne Fully Adjustable Recessed floor box is the next step in a long line of quality products delivering power, data and A/V for any application. The challenge of a recessed adjustable floor box is the device depth would vary for different floor thicknesses. Hubbell has solved this issue with the integral, patent pending, mounting cup which adjusts the device mounting depth to 3 inches, no matter the floor thickness. Additionally, this is helpful for engineered flooring on concrete; the cup allows for the electrical devices to be adjusted upwards up to 1½ 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.

Features

- Patent pending post pour adjustability cup
- High visibility white cup for making easy connections
- cULus Listed - Scrubwater compliant
- PVC, stamped steel or cast iron construction available
- Multiple, open architecture mounting plates for power, data and A/V
- 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 Separately.**

The offset design allows for less conduit lifting while threading, plus the hub mounting holes are asymmetrical to ensure correct mounting.

1 Cover

- 1000 lb, static load rated Cover
- Available in six architectural cover finishes
- ADA – American's with Disabilities Act – compliant flange thickness of .15 inch

2 Chamber

- 3 inch deep access chamber
- Adjustable Mounting Cup with teeth spaced in 5/32 inch increments allows for up to 1½ inches of upward adjustability from the lowest position. Ideal for engineered flooring.

3 Box

- Up to 2-inch conduit ready*
- Available in PVC, Stamped Steel, Epoxy Coated Stamped Steel or Cast Iron

* Cast Iron Maximum conduit - 1½ inches



Floor Boxes



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
CFBS1R4CUP



Wire devices into box



Finish with cover
CFBS1R4CVR

Adjustable Mounting Cup

The Adjustable Mounting Cup (AMC) is the unique feature of the **CFBS1R4** Floor Box product line, and must be ***purchased separately*** from the floor boxes. With teeth spaced in $\frac{5}{32}$ 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.



Adjustable Mounting Cup
Includes white cup, grey low voltage dividers
and ground plate

CFBS1R4CUP
***Floor boxes purchased
independently from cup***



CFBS1R4PFB



CFBS1R4CFB

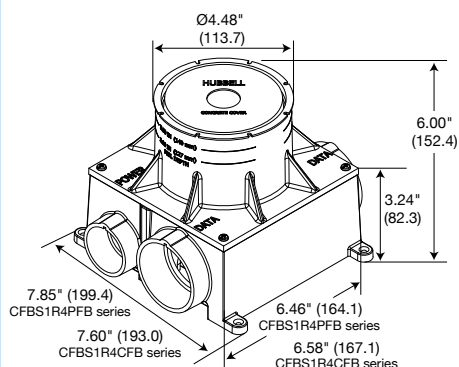
Multi-Service PVC Floor Box

The **CFBS1R4PFB** multi-service box PVC floor box has conduit entries for both power and low voltage services and is suitable for on grade or above grade use. The floor box has an integral grounding and bounding plate which maintains a constant ground path incase a single device is removed from a box in a run of boxes, as required in Canada. Also included are reducers for both power and data conduits.

Multi-Service Cast Iron Floor Box

The **CFBS1R4CFB** is a multi service cast iron floor box suitable for on grade or above grade use with conduit entries for both power and low voltage services. Conduit connections are made through NPT threads in each respective electrical category. The box is supplied with plugs for all NPT thread openings incase an opening is not used.

	PVC Floor Box	Cast Iron Floor Box
Catalog Number	CFBS1R4PFB	CFBS1R4CFB
Min. Pour Depth	5.00 inch	5.00 inch
Max. Pour Depth	6.00 inch	6.00 inch
Max. finished floor thickness (above top of box collar)	1½ inch at 5 Inch ½ inch at 6 Inch	1½ inch at 5 Inch ½ inch at 6 Inch
Minimum depth beneath device plate (at 5 inch height)	1.84 inch	1.84 inch
Data/AV conduits	2, 1½, 1¼, 1 inch	1½ inch NPT
Power conduits	1¼, 1, ¾, ½ inch	1 inch NPT
Total wiring volume	67 inch³	72 inch³
Data AV wiring volume	31 inch³	35 inch³
Power wiring volume	34 inch³	35.5 inch³
Power conduit reducers default conduit 1¼ inches	2 x 1, 2 x ¾, 2 x ½ inch	—
Low voltage conduit reducers default conduit 2 inches	2 x 1½, 2 x 1¼, 2 x 1 inch	—



Device Mounting Plates

2X2 Sub-plate with one decorator device opening and two keystone jack openings
S1R4SP2X2STYLE



One 1.40 inch opening for simplex receptacle
S1R4SPSIMPLEX



One StyleLine® decorator device opening for power or datacom applications
S1R4SPSTYLE



2X2 Sub-plate with one duplex device opening and two keystone jack openings
S1R4SP2X2DUPLEX



Four single 20A receptacles. Can be wired as single or two circuit with isolated ground capability, 24 inch wire leads
S1R4SPQUAD



2X2 Sub-plate with one duplex device opening
S1R4SPDUPLEX



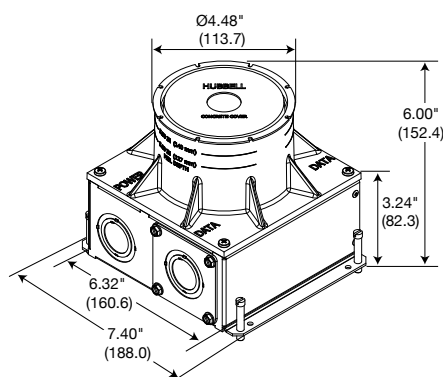
One 1.60 inch opening for 20 or 30A Twist-Lock® receptacle
S1R4SPTWIST



CFBS1R4SFB



CFBS1R4SFBCR



Multi-Service Stamped Steel Floor Box

The **CFBS1R4SFB** is a multi-service box stamped steel box with concentric knock outs for both power and low voltage services. Knockouts on the on the low voltage side of the box can be removed and replaced with a 2 inch threaded conduit hub (**CFBHUB2** sold separately).

Multi-Service Epoxy Coated Floor Box

The **CFBS1R4SFBCR** is a multi-service box stamped steel box with an epoxy coating with concentric knock outs for both power and low voltage services. Knockouts on the on the low voltage side of the box can be removed and replaced with a 2 inch threaded conduit hub (**CFBHUB2** sold separately). Epoxy coating makes box suitable for on grade use.

Stamped Steel Floor Box	CFBS1R4SFB
Stamped Steel Floor Box with Epoxy Coating	CFBS1R4SFBCR
Min. Pour Depth	5.00 inch
Max. Pour Depth	6.00 inch
Max. finished floor thickness (above top of box collar)	1½ inch at 5 Inch ½ inch at 6 Inch
Minimum depth beneath device plate (at 5 inch height)	1.84 inch
Data/AV conduits (concentric knockouts)	1¼, 1, ¾ inch (can be replace with CFBHUB2 for 2 inch conduits)
Power conduits (concentric knockouts)	1¼, 1, ¾ inch
Total wiring volume	80 inch³
Data AV wiring volume	39.5 inch³
Power wiring volume	39.5 inch³
2 inch conduit adapter (sold separately)	CFBHUB2 – replaces removable KO plate on low voltage side of box
Epoxy Coating (CFBS1R4SFBCR only)	AkzoNobel AK121QF

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 1000 lbs, 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

Brushed Aluminum Finish,
Single fold under cable
egress door.



CFBS1R4CVRALU

Plated Antique Bronze Finish,
Single fold under cable
egress door.



CFBS1R4CVRBRZ

Plated Brushed Brass Finish,
Single fold under cable
egress door.



CFBS1R4CVRBRS

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



CFBS1R4CVRNKL

Powder Coated Cover Finishes

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



CFBS1R4CVRBLK

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



CFBS1R4CVRGRY

Accessories / Replacement Parts



Allows the conduit connections for the low voltage portion of the CFBS1R4SFB and CFBS1R4SFBCR to be increased to 2 inch capacity. The offset design helps to minimize conduit float during the concrete pour.

CFBHUB2



Replacement low voltage partition for use in all four CFBS1R4 series floor boxes.

CFBS1R4DIV



Replacement ground bracket for use in all four CFBS1R4 series floor boxes.

CFBS1R4GND

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, ¾ and ½ inch.

CFBADAPT125



Set of conduit reducing adapters for use with the CFBS1R4PFB.

Includes two each of the following adapters to reducing to the corresponding conduit diameter, 1½, 1¼ and 1 inch.

CFBADAPT200



Replacement pre-pour concrete cover for use with all four of the CFBS1R4 series floor boxes.

CFBS1R4COVER



The complete SystemOne Product Offering

SystemOne – part of Hubbell's Delivery Systems line – was born from a desire to create a common look for fire-rated poke-throughs and floor boxes. This innovative system allows you to create custom solutions for multi-service applications that require both floor boxes and fire-rated poke-throughs.

Regardless of capacity or installation, this simple concept allows engineers, architects, and contractors to select just one product line that will provide a uniform look throughout an entire building – whether the power, data, and AV are being delivered in the floor or through the floor.

Hubbell's first SystemOne devices included a 4-inch flush fire-rated poke-through and floor boxes that shared a common cover assembly. With the introduction of 4, 6 and 8-inch recessed fire-rated poke-throughs, commercial buildings were provided with even more capacity options without having to sacrifice matching high-end finishes.

Next, Hubbell added a full line of recessed floor boxes for concrete and raised access floor applications to the to the SystemOne product offering. These recessed floor boxes guarantee a similar look for all capacities and installations. They offer a traditional rectangular cover and installation, as well as the option to use high-end round covers to match the recessed poke-through line.

With the latest addition of Hubbell SystemOne Fully Adjustable 4-Inch Round Recessed Floor Boxes, Hubbell has offered a solution to the ongoing challenge of installing a recessed floor box in a variety of floor thicknesses. Utilizing the same covers as Hubbell SystemOne 4-Inch Recessed Fire-Rated Poke-Throughs, a common look is now possible anywhere in a building, on grade or above.



Hubbell SystemOne - One Look for Any Capacity



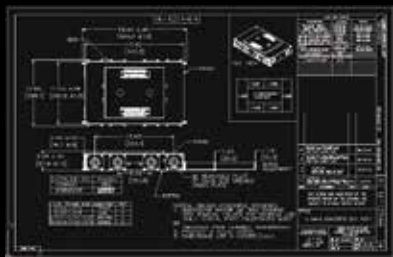
HUBBELL SystemOne

Online Resources



BIM Models

Visit www.hubbell-wiring.com or seek.autodesk.com to download all Hubbell Wiring device BIM Models.



Customer and Technical Drawings

Customer and technical drawings and installation instructions can be downloaded at www.hubbell-wiring.com.



Delivery Systems eTour

This interactive, virtual tour of a city demonstrates where and how Hubbell products can be deployed in the floor, through the floor, on the wall, on the surface and from floor to ceiling and demonstrates solutions in these spaces. Visit www.hubbell-wiring.com to take the tour.

Available Literature

Hubbell offers an extensive literature library for product support. Downloadable PDFs are available online.



Hubbell SystemOne
Recessed 4, 6 and 8-Inch
Fire-Rated Poke-Throughs



Hubbell SystemOne
Selector Wheel

HUBBELL®
Wiring Systems

www.hubbell-wiring.com
www.hubbell-premise.com



Hubbell Wiring Device-Kellems
Hubbell Incorporated (Delaware)
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Hubbell Premise Wiring
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