Carlon® Floor Boxes and Covers

Round

1-, 2-, and 3-Gang Rectangular

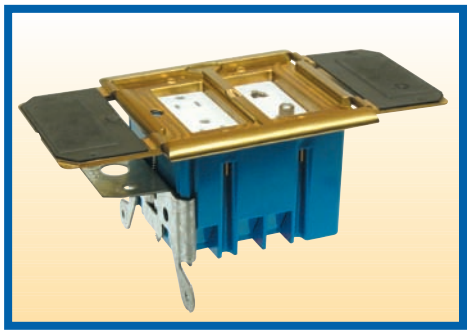
Residential – Fully Adjustable

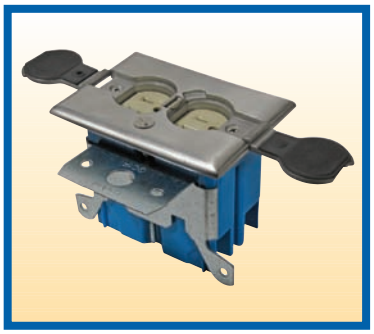
Drop-In

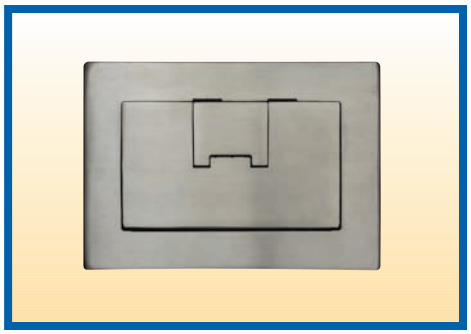
Brass Covers

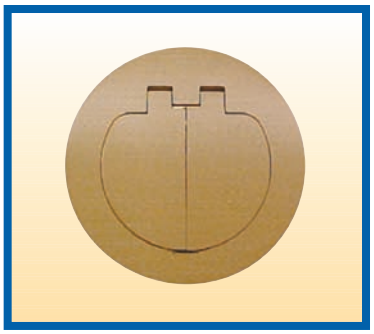
Stainless Steel Covers

Nonmetallic Covers









Carlon® Floor Boxes and Covers

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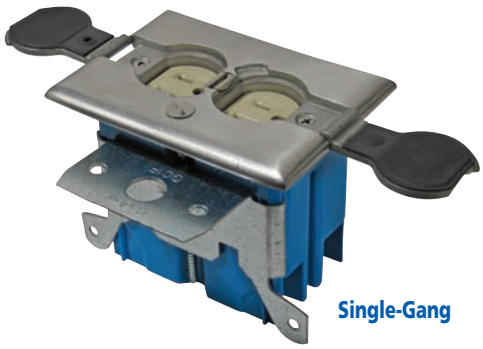
1-, and 2-Gang Adjustable

Double-Gang

*Devices not included

*U.S. Patent 5,289,934

NEW! Stainless Steel Covers



Single-Gang

Carlon Adjust-A-Box® Floor Boxes make installing floor outlets faster and easy by providing maximum installation flexibility. The box features a patented adjustment screw designed to adjust the box from 0" to 1-3/4" by simply turning the screw clockwise or counterclockwise, providing a flush mount every time.

Covers are able in three types; nonmetallic, brass, and stainless steel. They feature two hinged doors to protect unused devices, and to keep out dust and scrubwater. Because the doors are attached, they won't get lost or misplaced while the outlet in use.

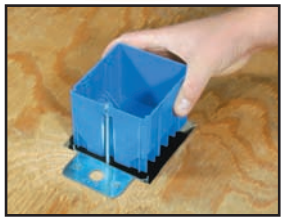
The Adjust-A-Box® is available in two sizes, single-gang and double-gang. The single-gang box has a 20 cubic inch capacity and includes a duplex receptacle, and the double-gang box has as 34 cubic inch capacity, and comes with a divider for dual voltage capabilities.

Carlon Adjust-A-Box® Residential Floor Boxes are ideal for residential and home office applications and provide a clean, aesthetically pleasing floor outlet anywhere you need it.

Features

- Listed floor boxes per 314.27(C) of the NEC
- Patented adjustment screw that adjusts depth (from 0" to 1 3/4")
- Cover options include: nonmetallic, brass, and stainless steel covers
- Covers have two (non-removable) hinged doors
- Solid brushed brass and stainless steel covers with a light lacquer finish for extra protection
- Nonmetallic covers are available in white and ivory (single gang box only)
- Two-Gang version features dual service capabilities (requires use of dual service divider)
- Integral cable clamps
- Ideal for new work and retrofit applications
- UL listed
- UL scrub water tested
- 2 hour fire classification (single gang box only)

Installation



Install clip over subfloor.

Screw in to adjust to height of flooring or carpet

Beautiful flush fit every time!

Specifications

UL LISTED E42728

Part Number	Size	Cover	Cubic In.	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
Nonmetallic					
B121BFBRW	One-Gang	White	20	8	7.1
B121BFBR	One-Gang	Ivory	20	8	6.9
Brass					
B121BFBB	One-Gang	Brass	20	8	15.0
B234BFBB	Two-Gang	Brass	34	4	10.7
Stainless Steel					
B121BFSS	One-Gang	Stainless Steel	20	8	13.7
B234BFSS	Two-Gang	Stainless Steel	34	4	9.8

Kits include:

Single-Gang

Ivory/White Cover:

- Two (2) 6-32x1 flat head machine screws
- Four (4) #6 1-1/4 self-tapping flat head screws
- Two (2) #6 1-5/8 drywall screws
- One (1) cover plug
- One (1) New Work Bracket
- One (1) Old Work Bracket
- One (1) 20 cubic in. UL Listed Floor Box
- One (1) UL Listed Floor Cover
- One (1) short shank receptacle
- One (1) tube Dow Corning #4 sealant
- Installation instructions

Brass & Stainless Steel Covers:

- Two (2) 6-32x1 plated flat head machine screws
- Four (4) #6 1-1/4 self-tapping flat head screws
- Two (2) #6 1-5/8 drywall screws
- One (1) New Work Bracket
- One (1) Old Work Bracket
- One (1) 20 cubic in. UL Listed Floor Box
- One (1) UL Listed Floor Cover
- One (1) short shank receptacle
- Green ground wire
- Installation instructions

**Devices not included*

Double-Gang

- One (1) New Work Bracket
- One (1) Old Work Bracket
- One (1) 34 cubic in. UL Listed Floor Box
- One (1) Dual Voltage Divider
- One (1) UL Listed Floor Cover
- Four (4) #6-32x1" flat head machine screws
- Four (4) #6 x 1-1/4" flat head self-tapping screws
- Two (2) #6x1-5/8" square drive trim head screws
- Green ground wire
- Installation instructions

Low Voltage Adjustable Floor Bracket w/ Cover

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The Carlon Low Voltage Adjustable Floor Bracket is specifically designed for the low voltage, structured cabling market…***the floor bracket is industry standard orange to identify low voltage applications, the open design provides the space needed for low voltage bend radius requirements, and the Leviton QuickPort® Quad 106® Insert provides up to four low voltage outlet ports.*** The Carlon Low Voltage Adjustable Floor Bracket is ideal for any residential or commercial low voltage application.

The floor bracket also features a patented screw design allowing it to be adjusted to most finished floor heights by simply turning the screw clockwise or counterclockwise and adjusting flush to the floor.

The floor bracket kit comes complete with a nonmetallic (white or ivory) or brass cover, a Leviton QuickPort Quad 106 Insert, new work and old work metal mounting brackets, and mounting screws.

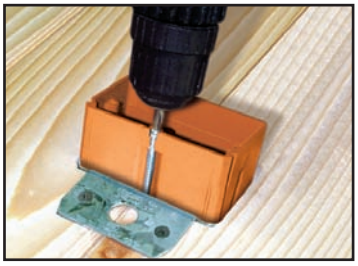
Carlon Structured Cable Management Systems…Your Total Systems Solution!

- White, Ivory, or Brass Cover
- Orange – Identifies Low Voltage Installations
- Open Design Floor Bracket – Accommodates Low Voltage Bend Radius Requirements
- Patented Adjustable Screw – Bracket Adjusts to Most Finished Floor Depths
- Leviton QuickPort Quad 106 Insert – Install up to 4 Low Voltage Inserts
- Two-Door Design
- C-UL-US Listed

Part No.	Cover	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
SC100FBWC	Nonmetallic – White	8	5.62
SC100FBVC	Nonmetallic – Ivory	8	5.62
SC100FBBC	Brass	8	13.78

Installation:

Install clip over subfloor.



Screw in to adjust to height of flooring or carpet.

Beautiful flush fit every time!

Drop-In Floor Box

The Carlon Drop-In Floor Box with Brass Cover combines many of the same features in our existing Floor Box line with the strength, durability and style necessary to accommodate today's residential electrical/ telecommunication needs.

The Carlon Drop-In Floor Box is the fastest easiest way for contractors to put a floor socket anywhere they need it! It's designed to accommodate high and low voltage applications and comes complete with everything needed for installation - *Floor box, Brass Cover, hole saw, wired receptacle, two-hole low voltage plate, blank plate, mounting screws, and wire nuts.*

Note: The Drop-In Floor Box is available with or without a hole saw.

Features

- Single hole installation
- Fast, easy installation
- Solid brass cover has a light lacquer finish to resist wear - Ideal for high traffic areas
- Accommodates high and low voltage applications
- Includes single gang grounded receptacle, low voltage telephone/cable plate (data jacks not included), and blank plate for custom installations
- Available with or without a hole saw
- 11.8 inch cubic capacity
- For wood floor installations
- Ideal for residential and home offices
- Eliminates the need for extension cords
- Superior aesthetics - Ideal for home offices and entertainment rooms
- C-UL-US Listed floor box per 314.27(C) of the NEC
- 2.25" installation hole diameter

Drop-In Floor Box

Installation

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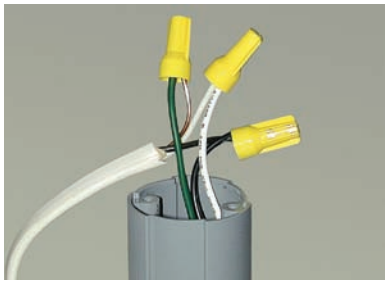
1. Cut 2-3/8" hole through carpeting before using hole saw.

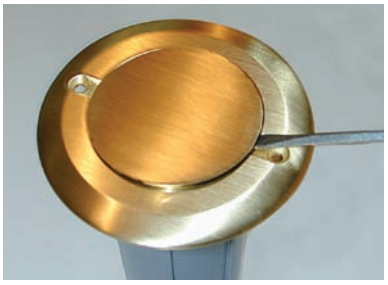
2. Drill hole in floor using hole saw.

3. Pull romex through floor.

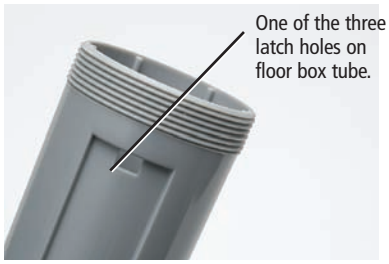


4. Connect receptacle wires to romex. Be sure to match wire color(s).

5. Secure wire clamp on bottom of tube.



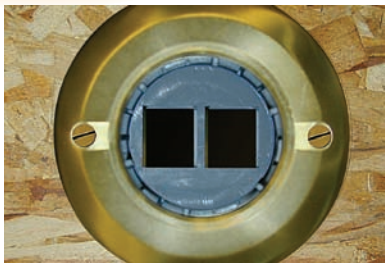
6. Brass cover snaps into place. Use a small screwdriver to pry open brass cover to plug in appliance.

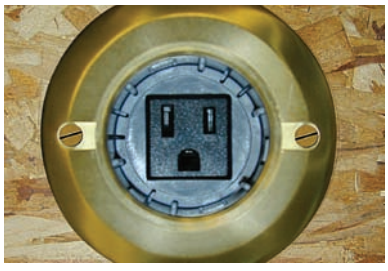


7. Align the three latches on the low voltage plate with the three latch holes in the round floor box tube

8. Remove receptacle by pressing three tabs located on side of tube. Remove receptacle by pressing three tabs located on side of tube.

Installed





Specifications

Part Number	Cover	Description	Std. Carton Qty.	Std. Carton Wt. (lbs.)
E971FBDI-2	Brass	Drop-In Floor Box w/Hole Saw	5	6.5
E971FBDIB-2	Brass	Drop-In Floor Box without Hole Saw	20	17.6

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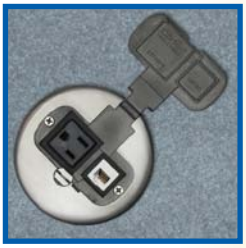
Residential Slab Floor Box

NEW! Stainless Steel Covers

The Carlon Residential Slab Floor Box makes installing floor outlets in concrete slabs faster and easier. The box/extension sleeve is designed to be saw-cut to accommodate any concrete floor thickness up to six inches with no leveling required. It features a divider for dual voltage service, and comes with a mud cap to keep out cement during the pour. The cover has a single hinged door that lies flat when open, and accommodates a single electrical outlet (provided) and a low voltage port (data jack not included). It has a light lacquer finish for extra strength and durability in high traffic areas, and is UL scrub water tested.

Features

- Dual service divider *(included)* to allow dual service in one box.
- Saw-cut to finished concrete pour – No leveling required.
- Single receptacle chamber: 17.25 cu.in. Data jack chamber: 15.06 cu.in. for easier wiring. (Cubic inches based on 6" box/sleeve depth).
- Cover options include: Brass and Stainless Steel.
- Pre-assembled Solid brass cover for superior aesthetics and durability. Single electrical receptacle included. ***Data jack NOT included.***
- C-UL-US Listed per 314.27(C) of the NEC.
- UL 514C scrub water tested.



Data Jack not included

Residential Slab Floor Box Assembly

Specifications

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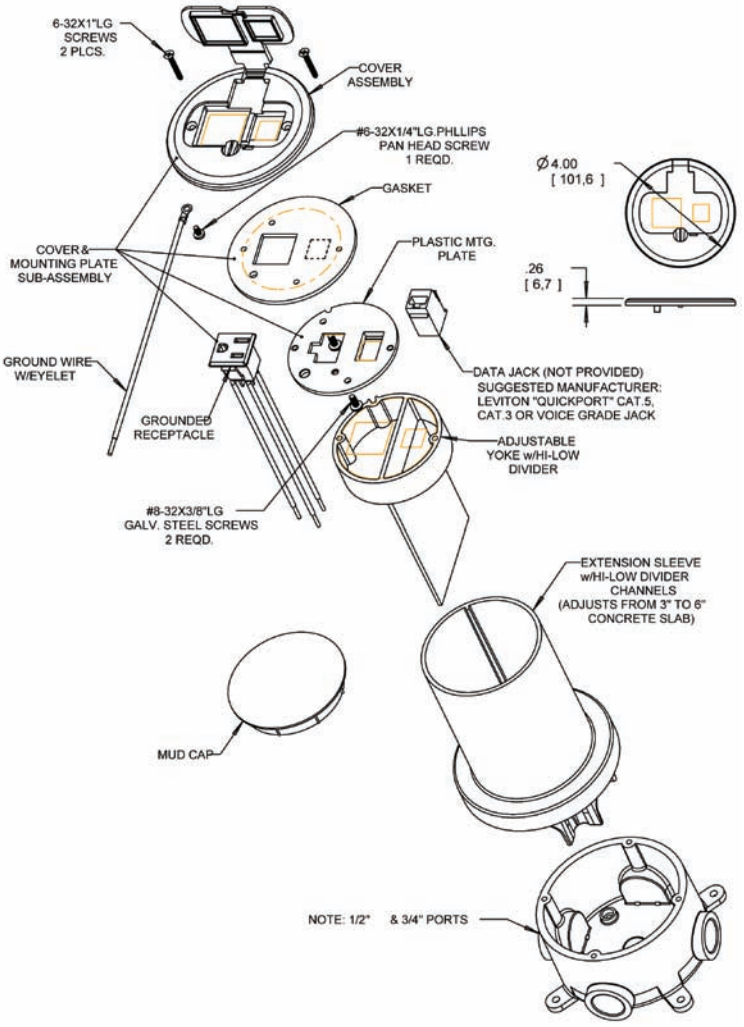
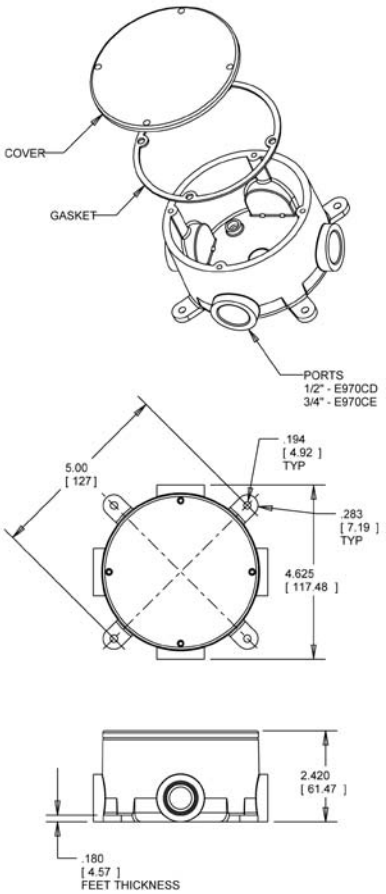
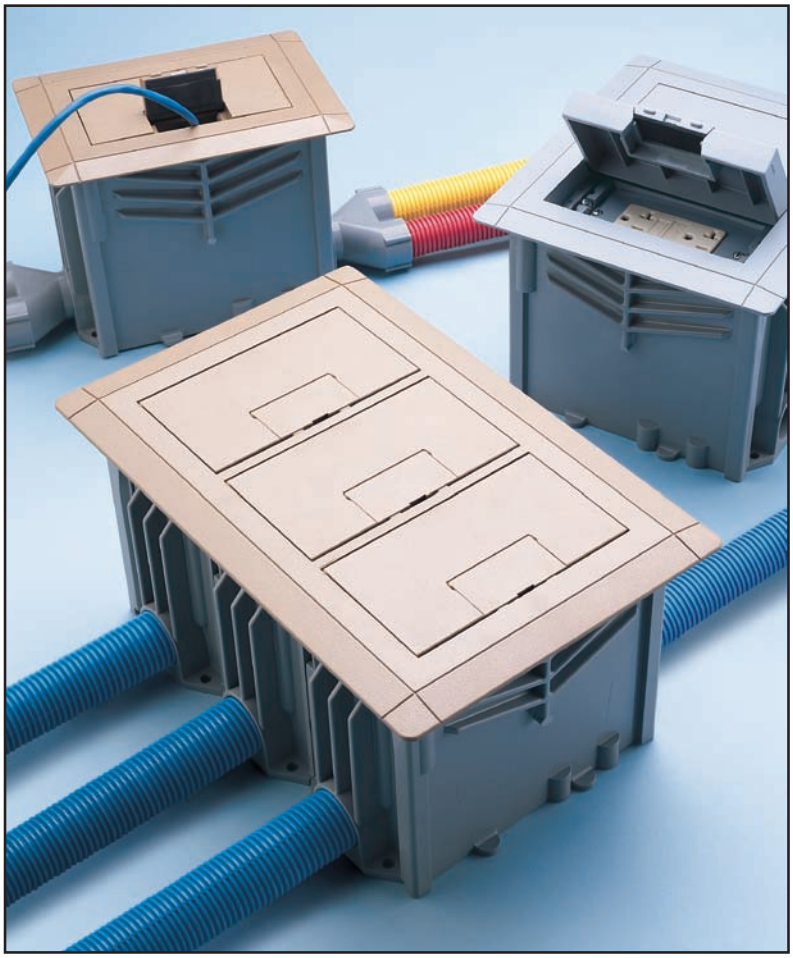
Part Number	Description	Std. Carton Qty.	Std. Carton Wt. (lbs.)
Boxes			
E970CDX	Box w/ 1/2" Hubs	24	12.0
E970CEX	Box w/ 3/4" Hubs	24	11.0
Extension Sleeve			
E970CES	Extension Sleeve w/ Mud Cap	24	20.0
Covers			
E970CEC	Brass Cover Assembly	24	28.0
E970CECS	Stainless Steel Cover Assembly	24	26.0





Single Receptacle (Larger Chamber)			Data Jack (Smaller Chamber)		
Depth	Material Fill (ml)	Volume (cu. in.)	Depth	Material Fill (ml)	Volume (cu. in.)
3"	133	8.10	3"	93	5.67
4"	182	11.09	4"	145	8.84
5"	216	13.17	5"	200	12.19
6"	283	17.25	6"	247	15.06

1-, 2-, and 3-Gang



*U.S. Patent 5,866,845

Carlon® Rectangular Floor Box Systems – three-way power, data, and communications plus easy double or triple ganging, too.

Compared to metal boxes, Carlon rectangular floor boxes cost less and install faster to save you money on every job. Three-in-one power, data, and communications capability cuts installation time and cost even more, while simple two- and three-gang modularity gives you the flexibility, installation ease, and cost-savings no other nonmetallic boxes can match. The covers attach without the use of fasteners, providing a professional, clean installation as well as preserving the aesthetic life of the product. Take a closer look at all our rectangular floor box systems offer you.

Features

- Covers require no adjusting collar. Two screws assure a flush, secure installation.
- Nonmetallic PVC construction, watertight gasket, and corrosion-resistant hardware assure long life and reliable performance even in harsh and/or corrosive environments.
- One consistent box depth simplifies ordering time and reduces inventory.
- Saves time and money on installations with simple saw cut to floor level.
- Concrete tight and suitable for any on grade/ below grade application; concrete or wood sub-floor construction approved.
- Convenient cubic inch capacity markings on inside allow for easy inspection.
- PVC molded ports and reducer plugs included.
- Accepts 1/2", 3/4", and 1" conduit, tubing or raceway.
- Rectangular sides are drillable.
- For tile and carpet applications.
- Cover options include solid brass, stainless steel and nonmetallic (brown, slate, and caramel).
- UL scrub water tested, approved for all types of finish flooring.

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Installation

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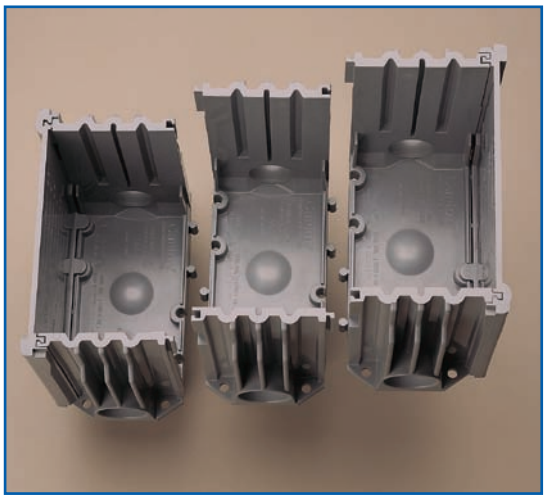
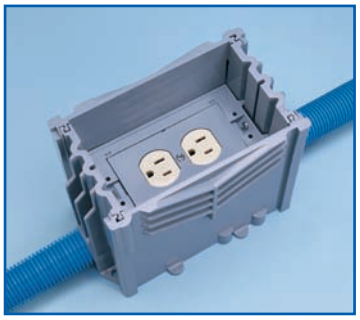
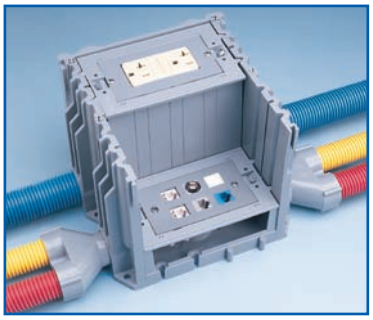
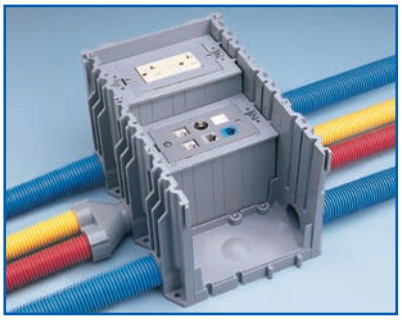


With our rectangular boxes, one SKU is all you ever need. Simply remove appropriate sides and slide boxes together to create two- or three-gang boxes for on-the-job flexibility no competitor offers.

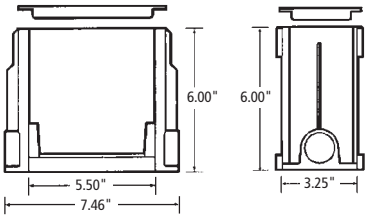






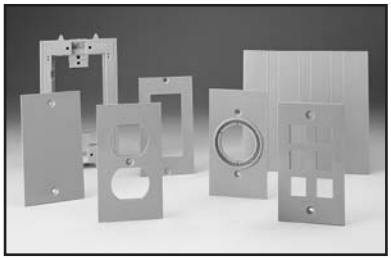
Specifications

Rectangular Floor Box



Part No.	Material	Size	Internal Volume (cu. in.)	Min. Concrete Depth	Hubs	Reducer Plugs	Std. Ctn. Qty.	Std. Ctn. Wt. lbs.
E976RFB	PVC	1-Gang	97.4 (16.8 per inch of Depth)	3 1/2"	(2) 1"	(2) 1" x 3/4" (2) 3/4" x 1/2"	3	6.92

Activation Kit



Activation kit provides components to accommodate all standard power, data, and communications devices plus a divider to separate power from data and communications – all in a single SKU. Device yokes can be adjusted to store excess cord in the box.

Part No.	Material	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E976AK2	PVC	3	2.47

1-, 2-, and 3-Gang Nonmetallic

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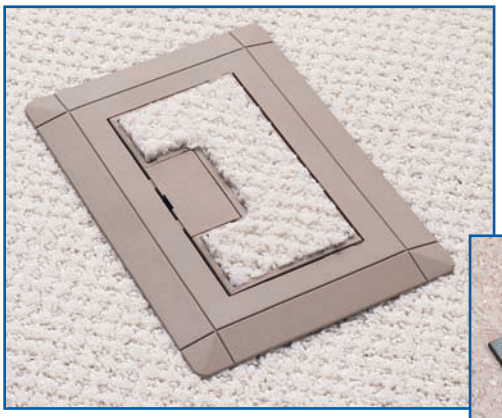
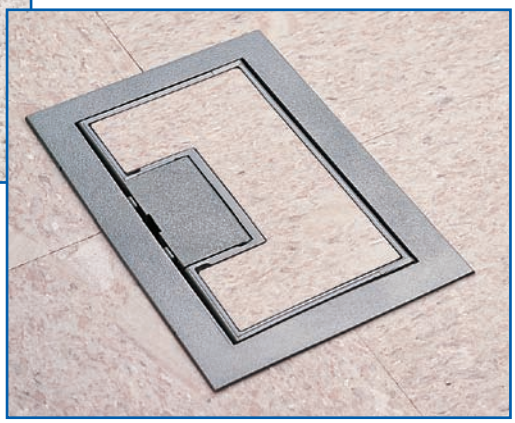


*U.S. Patent 5,866,845

On-the-job flexibility extends to our rectangular box covers. Each one-, two-, or three-gang cover is suitable for any wiring application and can be used with any floor surface. Nonmetallic covers are even field reversible for tile or carpet. Double door feature allows easy access to the device and helps keep stray cords organized.



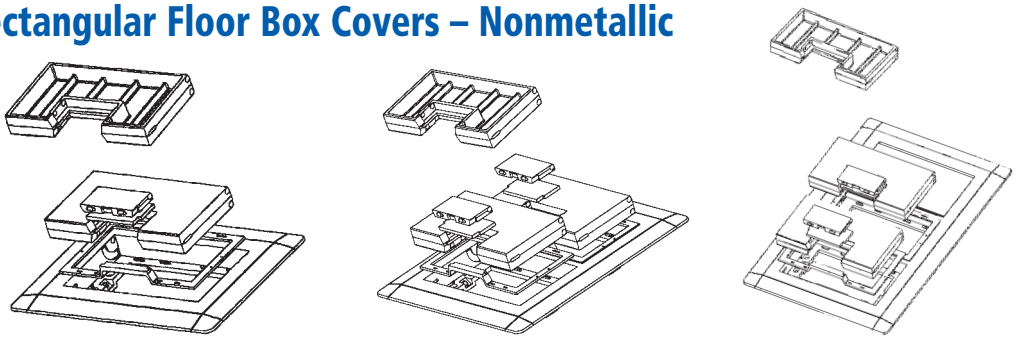
Carlon Rectangular Floor box covers do not require a separate carpet flange. The carpet flange is part of the cover and may be removed for tile application.

Features

- High impact resistant thermoplastic
- Field reversible for tile or carpet
- Gasketed for a watertight seal
- Double door design
- For tile and carpet applications
- UL scrub water tested

Specifications

Rectangular Floor Box Covers – Nonmetallic



Part No.	Size	Color	Carpet Flange	Dimensions (W x L)	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E9761B	One-Gang	Brown	Included	7.13" x 5.00"	3	1.7
E9762B	Two-Gang	Brown	Included	7.13" x 8.25"	9	8.5
E9763B	Three-Gang	Brown	Included	7.13" x 11.50"	6	7.5
E9761C	One-Gang	Caramel	Included	7.13" x 5.00"	3	1.7
E9762C	Two-Gang	Caramel	Included	7.13" x 8.25"	9	8.5
E9763C	Three-Gang	Caramel	Included	7.13" x 11.50"	6	7.5
E9761S	One-Gang	Slate	Included	7.13" x 5.00"	3	1.7
E9762S	Two-Gang	Slate	Included	7.13" x 8.25"	9	8.5
E9763S	Three-Gang	Slate	Included	7.13" x 11.50"	6	7.5

1-, 2-, and 3-Gang Solid Brass & Stainless Steel

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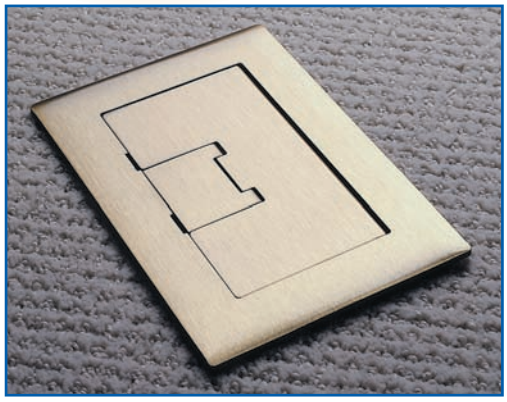
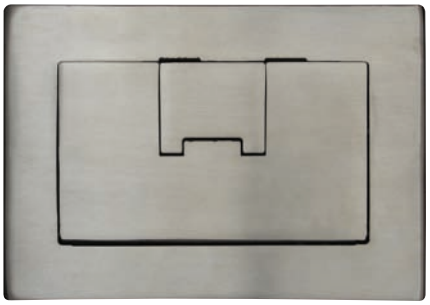


Carlon® Brass and Stainless Steel rectangular Floor Box Covers add a classic touch to all floor box installations and are particularly suited for use in high-traffic areas because of the resistance to wear. The gasket gives a watertight seal, and the light lacquer finish provides extra protection.

*U.S. Patent 6,265,662



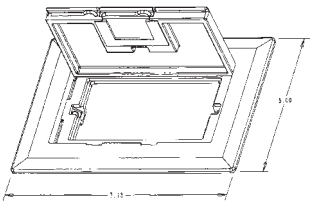
NEW! Stainless Steel Covers

Features

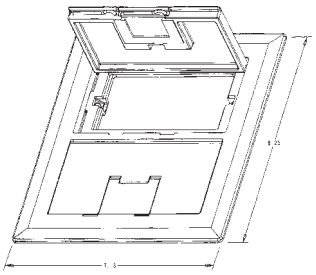
- Rugged construction.
- Coated with a light lacquer finish for extra protection.
- Covers include a cord door.
- Gasketed for watertight applications.
- Accepts single, duplex, GFCI, and low voltage receptacles.
- For tile and carpet applications.
- UL scrub water tested.

Specifications

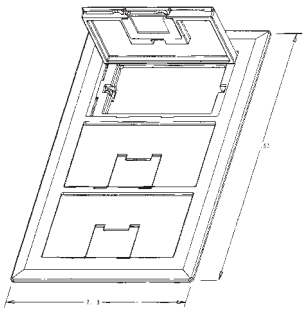
Rectangular Floor Box Covers – Brass & Stainless Steel



One-Gang



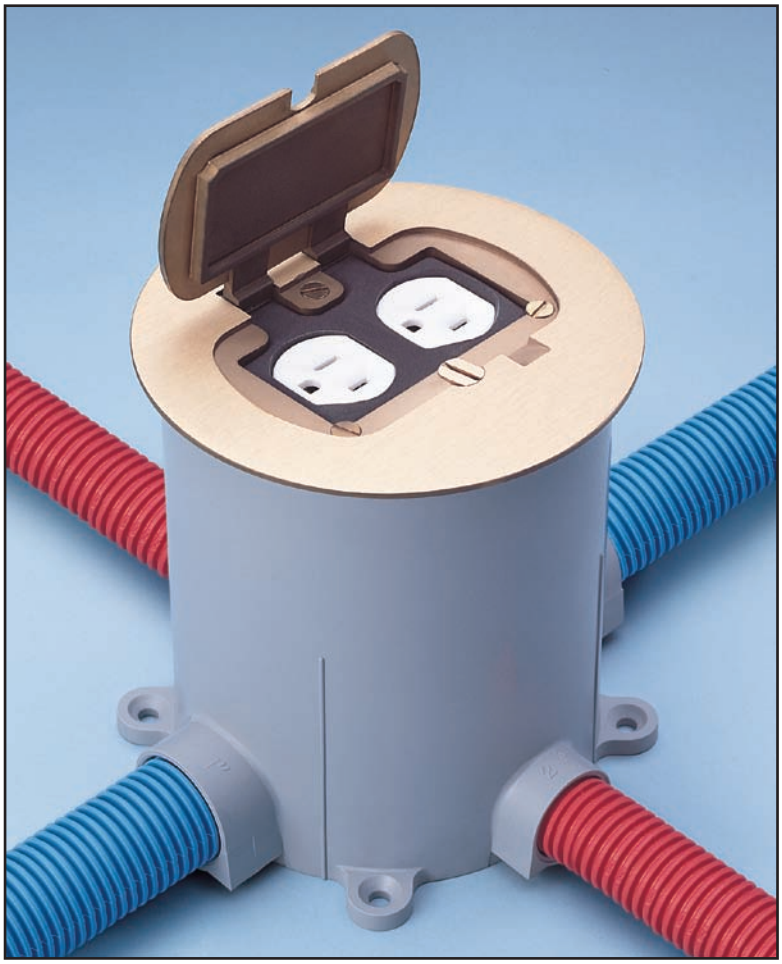
Two-Gang



Three-Gang

Part No.	Size	Color	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E9761BR	One-Gang	Brass	3	6.8
E9762BR	Two-Gang	Brass	3	9.9
E9763BR	Three-Gang	Brass	3	12.1
E9761SS	One-Gang	Stainless Steel	3	7.4
E9762SS	Two-Gang	Stainless Steel	3	11.6
E9763SS	Three-Gang	Stainless Steel	3	17.2

Part No.	Description	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E976AK2	Rectangular Floor Box Activation Kit	3	1.3



Carlon® Round Floor Box Systems – three-way versatility for power, data, and communications.

Carlon round floor boxes give you the same cost-saving advantages over metal boxes as our rectangular boxes. By letting you combine power, data, and communications in the same box, you can dramatically reduce your installation time and cost compared to other nonmetallic boxes. In addition, multi-use covers mean fewer SKUs to deal with and greater jobsite flexibility to increase your savings further. Take a closer look at all their advantages for yourself.

Features

- Nonmetallic PVC construction, watertight gasket, and corrosion-resistant hardware assure long life and reliable performance even in harsh and/or corrosive environments.
- Covers are available for a variety of applications.
- The same box depth simplifies ordering and reduces inventory.
- For tile and carpet applications.
- Cover options include: Brass, Stainless Steel, and Nonmetallic (Ivory, Caramel, Taupe, Slate and Brown).
- Concrete tight and suitable for any on grade/below grade application; concrete or wood floor construction approved.
- Y-connector (E972Y) allows you to feed parallel runs of 3/4" conduit or to feed in/out from the same side for increased wiring flexibility and faster installation.
- PVC molded ports and reducer plugs included.
- Accepts 1/2", 3/4", and 1" conduit, tubing or raceway.
- UL scrub water tested, approved for all types of finish flooring.

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Where noted by ◆

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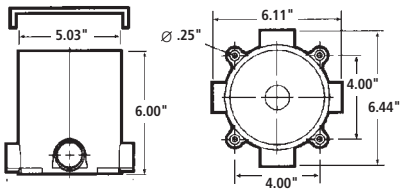
Specifications

Round Floor Box



Carlon Round Floor Boxes allow for various thickness of concrete pours. Trim out is easy – just use a handsaw to cut off box at desired height to accommodate carpet, tile, or other flooring. Carlon leveling ring guarantees a level top every time, even if the box is tipped slightly during the pouring process.

Part No.	Internal Volume (cu. in.)	Min. Concrete Depth	Hubs	Reducer Plugs	Std. Ctn. Qty.	Std. Ctn. Wt. lbs.
◆ E971FB	90.0 (15.5 per inch of Depth)	3 1/2"	(2) 1" and (2) 3/4"	(2) 1" x 3/4" and (2) 3/4" x 1/2"	10	15.6

Accessories

Multi-Service Divider Kit

Multi-service divider kit for separate power, data, and communications compartments provides unbeatable flexibility and money-saving installation speed. For use with nonmetallic boxes only.

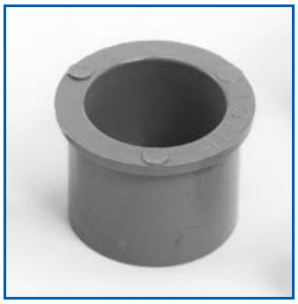
Part No.	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
◆ E973K	10	3

3/4" Y Fitting

The 3/4" Y Fitting provides for in and out service from a single 1" port, and allows for two 3/4" parallel conduit runs to adapt into a single conduit body port.

Part No.	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E972Y	10	2.1

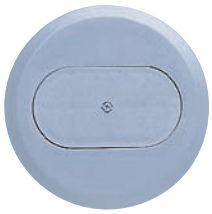
Reducer Plugs



Part No.	Size	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E971C	3/4" x 1/2"	100	2.1
E971D	1" x 3/4"	100	3.2

Nonmetallic Covers

Caramel


Slate

Ivory

Taupe

Brown

U.S. Patent 6,450,353

Features

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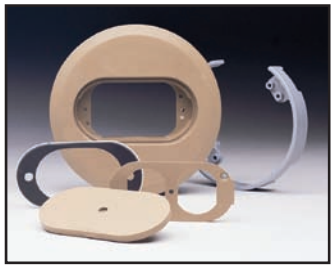
- High impact resistant thermoplastic
- Compatible with standard NEMA Duplex, and 1 1/4" NPS receptacles
- Drill points (3/8") provided for low voltage cable pass throughs
- 1 1/4" NPS plugs may be modified to accept smaller fittings (3/8", 1/2", and 3/4")
- For tile and carpet applications
- UL scrub water tested, approved for all types of finish flooring

Duplex Covers



Part No.	Color	Description	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E97DSI	Ivory	Duplex Cover	10	5.2
E97DSC	Caramel	Duplex Cover	10	5.7
E97DST	Taupe	Duplex Cover	10	5.7
E97DSS	Slate	Duplex Cover	10	5.6
E97DSB	Brown	Duplex Cover	10	5.8

1 1/4" NPS Covers

Part No.	Color	Description	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E97SSRB	Brown	NPS Cover	10	3.8
E97SSRC	Caramel	NPS Cover	10	3.8
E97SSRS	Slate	NPS Cover	10	3.8

Clear Cover Carpet Ring

Part No.	Color	Std. Ctn. Qty.	Std. Ctn. Wt. (lbs.)
E97CCR	Clear	10	1.2

Round Floor Box Covers – Brass & Stainless Steel

NEW! Stainless Steel Covers

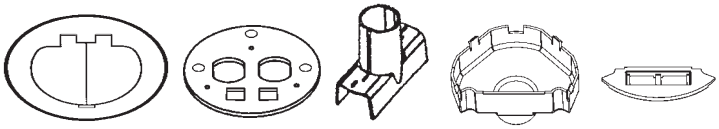
c UL us LISTED E42728

Features

U.S. Patent 6,179,634

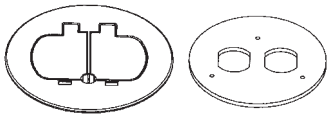
- Screws concealed under doors
- Rugged construction
- Coated with a light lacquer finish for extra protection
- Resistance to wear – suited for high traffic areas
- Gasketed for watertight applications
- Available in four styles – Single Door, Two Door, NPS Opening, and Two Door Dual Service
- For tile and carpet applications
- UL scrub water tested

Two Door Dual Service (Divider Kit included)



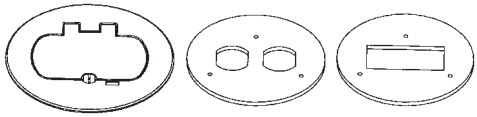
Part No.	Cover	Devices	Std. Ctn. Qty.	Std. Ctn Wt. (lbs.)
E97BR2D	Brass	Duplex and Two Data Ports	5	9.2
E97SS2D	Stainless Steel	Duplex and Two Data Ports	5	9.1

Two Door



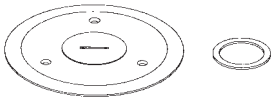
Part No.	Cover	Devices	Std. Ctn. Qty.	Std. Ctn Wt. (lbs.)
E97BR2	Brass	Duplex	5	7
E97SS2	Stainless Steel	Duplex	5	7.7

Single Door



Part No.	Cover	Devices	Std. Ctn. Qty.	Std. Ctn Wt. (lbs.)
E97BR	Brass	GFCI and Duplex	5	7
E97SS	Stainless Steel	GFCI and Duplex	5	7.9

NPS Opening



Part No.	Cover	Devices	Std. Ctn. Qty.	Std. Ctn Wt. (lbs.)
E97BRG	Brass	1-1/4" Outlet and Single Receptacle	5	7.5
E97SSG	Stainless Steel	1-1/4" Outlet and Single Receptacle	5	8.1

Metal Cover Adapter Ring

Part No.	Devices	Std. Ctn. Qty.	Std. Ctn Wt. (lbs.)
E97ABR2	One-Piece Metal Cover Adapter	10	3.3

NOTE: Carlon metal cover adapter ring (E97ABR2) is required with these covers (sold separately)

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