

## Part 1 General

### 1.1 Summary:

A. Work includes: Furnish all material to install floor boxes as indicated on the electrical drawings. Work includes floor boxes and covers.

### 2.1 Manufacturers:

A. Following are acceptable: Carlon

### 2.2 Materials/Product:

A. Rectangular Floor Box: For use on/below grade. Floor box shall be PVC construction and suitable for concrete floors with 3-1/2" minimum pour. Modular design shall allow ganging capability up to 3 gang. Two entry hubs allow for use of Plenum-Gard®, Riser-Gard®, Flex-Plus® Blue™ ENT, Plus 40® or Plus 80®.\* Box shall be Carlon floor box type E976RFB and device kit type E976AK2.

*Specifier: Edit for 2-gang floor box use 2 pcs. Carlon type E976RFB  
Edit for 3-gang floor box use 3 pcs. Carlon type E976RFB*

B. Round Floor Box: For use on/below grade, floor box shall be PVC construction and suitable for concrete floor pours of 3-1/2" min. Box shall provide optional low voltage divider permitting three service (data, telephone, power) access. Box shall be Carlon type E971FB. Entry hubs allow for use of Plenum-Gard, Riser-Gard, Flex-Plus Blue ENT, Plus 40 or Plus 80 material.\*

*Specifier: Edit for multi-service divider kit: Carlon type E973K*

C. Adjustable Residential Floor Box: For use in residential new construction or remodeling applications in wood flooring. Box shall provide height adjustability feature from 0" to 1-7/8" to compensate for floor or carpet thickness and offers 21 cubic inch capacity. Box shall be Carlon type part number B121BFB, which includes the box, the dual receptacle device, a dual receptacle cover and mounting bracket.

### 2.3 Materials/Covers:

A. Rectangular Floor Box Covers: High impact thermoplastic covers or brass covers shall have access door for device and separate access door for cable exit. Available Rectangular Floor Box and Accessories shall be:

Part No.	Description
E976RFB	Rectangular Floor Box, Gray
E9761BR	Brass Single-Gang Cover/Carpet Flange
E9762BR	Brass Double-Gang Cover/Carpet Flange
E9763BR	Brass Triple-Gang Cover/Carpet Flange
E9761B	Brown Single-Gang Cover/Carpet Flange
E9762B	Brown Double-Gang Cover/Carpet Flange
E9763B	Brown Triple-Gang Cover/Carpet Flange

Part No.	Description
E9761C	Caramel Single-Gang Cover/Carpet Flange
E9762C	Caramel Double-Gang Cover/Carpet Flange
E9763C	Caramel Triple-Gang Cover/Carpet Flange
E9761S	Slate Single-Gang Cover/Carpet Flange
E9762S	Slate Double-Gang Cover/Carpet Flange
E9763S	Slate Triple-Gang Cover/Carpet Flange
E976AK2	Floor Activation Kit

B. Round Floor Box Covers: High impact thermoplastic covers or brass covers shall provide access to multi-service divider in round Carlon floor box. Available Round Floor Box and Accessories shall be:

Part No.	Description
E971FB	Round Floor Box, Gray (reducer plugs included)
E972Y	Y-Connector
E973K	Multi-Service Divider Kit
E97BR	Brass Duplex/GFCI Cover
E97BRG	Brass 1-1/4" NPS/Single Receptacle Cover
E97DSB	Brown Duplex Cover
E97DSI	Ivory Duplex Cover

Part No.	Description
E97DSC	Caramel Duplex Cover
E97DST	Taupe Duplex Cover
E97DSS	Slate Duplex Cover
E97SSRB	Brown 1-1/4" NPS/Single Receptacle Cover
E97SSRC	Caramel 1-1/4" NPS/Single Receptacle Cover
E97SSRS	Slate 1-1/4" NPS/Single Receptacle Cover
E97ABR2	Round Floor Box Adapter Ring For Metal Covers

C. Adjustable Residential Floor Box Covers: Tough ABS duplex cover offers dual hinge caps that keep out dust and debris, and are attached to the cover. The paintable cover is included in the Carlon Residential Floor Box, part number B121BFB and comes in ivory.

D. Rectangular floor boxes and covers are UL and cUL Listed. Round floor boxes are UL Listed and CSA approved, nonmetallic covers are UL Listed, and brass covers are UL and cUL Listed.

\*Plenum-Gard®, Flex-Plus® Blue™ ENT, Plus 40®, and Plus 80® are trademarks or registered trademarks of Carlon.