WARNING

ELECTRICAL HAZARDS, BE SURE POWER IS OFF!

NOTE: Follow National and Local Electrical Codes when installing box and cover to floor.

TABLE OF CONTENTS

**DESCRIPTIONS** | **PAGE**
---|---
**Nonmetallic Round Floor Box**
Contents and Features | 2
Conduit Sizes | 2
Concrete Application | 2
Data Cables | 2
Divider Assembly | 2
Divider Height Adjustment | 3
Receptacle Installation | 3
Bottom Device Plate Installation | 3
Data Plate Installation | 3
Data Cable Routing | 4
Floor Preparation | 4
Ring Installation (Brass & Alum. Only) | 4
Box and Cover Floor Installation | 4
Applying Anchor Screws | 4

**Metallic Floor Box**
Contents and Features | 5
Box Assembly | 5
Bottom Device Plate Installation | 5
Data Plate Installation | 5
Sub-Floor Cut | 6
Finished Floor Cut | 6
Ring Installation (Brass & Alum. Only) | 6
Box and Cover Floor Installation | 6
Applying Anchor Screws | 6

**Operating Instructions**
68R Round Recessed Floor Box | 7
CONTENTS AND FEATURES:
Non-Metallic Round Floor Box

FIGURE 1
Round Recessed Floor Box Unit
Blank Data Plate (included)
Screws supplied with Receptacle
DATA JACKS (Not included)
Screw
Duplex Cover
(2) Nuts
Voltage Divider
68P-EXT
6" Extension for pour depths over 6" (Optional, Sold Separately)
68P-EXT-DIV
Voltage Divider Extension (Optional, Sold Separately)
68P Non-metallic Round Floor Box (Sold Separately)

STEP 1 Concrete Application
CAUTION
LEVEL TOP OF BOX WITH SCREED LINE OF THE CONCRETE - 6" MINIMUM DEPTH. INSIDE WALL OF BOX MUST BE PERPENDICULAR TO TOP SURFACE OF CONCRETE FLOOR DURING POUR.

FIGURE 2 Conduit Sizes
TOP VIEW OF 68P Box
1"
3/4"
3/4"
3/4"

STEP 2 Data Cables
"Through" Data Cable
1" Conduit
3/4" Conduit

STEP 3 Divider Assembly
Assemble Divider (Do Not Glue)
68P-EXT-DIV (Optional, Sold Separately)
**STEP 4** Divider Height Adjustment

- Top of concrete floor and 68P box (or 68P-EXT extension not shown)
- Top of finished floor
- Mark cutting line
- 3-3/8"

Use a Utility Knife to score a long groove on side of divider or divider extension (not shown). Bend back and forth to remove cut portion.

**STEP 5** Receptacle Installation

- Duplex or GFCI receptacle (not included)
- Duplex Cover Plate (for Duplex receptacle only)
- Terminate Electrical Wire Connections
- (2) Nuts (included)

**STEP 6** Bottom Device Plate Installation

1. Bring bottom of **Floor Box Unit** through **Tab windows** of **Bottom Device Plate**.
2. Slide **Tabs** back through the **Slots** of **Floor Box Unit** in the direction shown by the arrows.
3. Complete the installation using the **Screw** provided. Tighten **Screw** with a snug fit (do not over-tighten).

**STEP 7** Data Plate Installation

**NOTE:** Install **Data Plate** when data jacks are required or **Blank Data Cover Plate** when data jacks are not required. **Do not leave data cavity exposed after completing final installation.** Tighten **Screw** with a snug fit (do not over-tighten).
**STEP 8** Data Cable Routing

- **TOP VIEW**
  - Data Cable on one side of Divider only

- **SIDE VIEW**
  - Data Cable on one side of Divider only

**STEP 9** Floor Preparation

- **For Wood or Tile**
  - 4-3/4" Hole for Wood or Tile
  - Inside of 68P Box

- **For Carpet**
  - 5-1/4" Hole for Carpet

**FIGURE 3** Ring Installation (Brass and Aluminum ONLY)

**STEP A** Align flange with alignment tabs of floor box and place as shown.

**STEP B** For installing box in concrete slab, see Step 10.

- Alignment Tabs (2)
- Floor Box
- Ring
- Slots
- Ring Assembled

After mounting ring, place continuous seal at joint between flange and floor box to block water entry.

**STEP 10** Box and Cover Installation

**NOTE:** For 68R-CST-BRS and 68R-CST-ALM, refer to Figure 3.

- Concrete, Wood or Tile
  - For concrete, wood or tiled finished floors, apply a continuous bead of caulk or sealant to top of finished floor just outside of opening at the edge.

- Carpet
  - For carpet floors, cut a 5-1/4" diameter hole in the carpet allowing a 1/4" visible edge. Apply a generous amount of caulk or sealant to the exposed surface of the sub-floor and extending slightly over the edge of the hole.

**STEP 11** Applying Anchor screws

- (2) Screws #8 x 3/4" (included)

Tighten Screws with a snug fit (do not over-tighten).

See page 7 for Operating Instructions
**CONTENTS AND FEATURES:**

**Metallic Floor Box**

**FIGURE 1**

- Round Recessed Floor Box Unit
- Data Plate for 2 Keystone Jacks
- Screws supplied with Receptacle
- Bottom Device Plate
- Screw
- Duplex Cover
- Duplex or GFCI Receptacle (Not included)
- (2) Mounting Screws for Switch Box
- (2) Nuts
- Voltage Divider

**NOTE:** These items are not required for this installation.

**STEP 1** Box Assembly

**NOTE:** For conduit or MC cable applications, use appropriate fittings (not supplied).

For NM sheathed cable, use strain-relief fittings (not supplied).

Use an appropriate 3” x 2” Steel City® or Iberville® UL-listed (for U.S. installation) or CSA certified (for Canadian installation) Metallic Switch Box with mounting base (Sold Separately)

**STEP 2** Bottom Device Plate Installation

1. Bring bottom of Floor Box Unit through Tab windows of Bottom Device Plate.
2. Slide Tabs back through the Slots of Floor Box Unit in the direction shown by the arrows.
3. Complete the installation using the Screw provided. Tighten Screw with a snug fit (do not over-tighten).

**STEP 3** Data Plate Installation

**NOTE:** Install Data Plate when data jacks are required or Blank Data Cover Plate when data jacks are not required. Do not leave data cavity exposed after completing final installation. Tighten Screw with a snug fit (do not over-tighten).
STEP 4  Sub-Floor Cut

For WOOD or TILE
Trim Wood or Tile to 4-3/4" Dia.

For CARPET
Trim Carpet to 5-1/4" Dia.

STEP 5  Finished Floor Cut

NOTE: For 68R-CST-BRS and 68R-CST-ALM, refer to Figure 4.

STEP 6  Box and Cover Installation

For Wood or Tile
For carpet floors, cut a 5-1/4" diameter hole in the carpet allowing a 1/4" visible edge. Apply a generous amount of caulk or sealant to the exposed surface of the sub-floor and extending slightly over the edge of the hole.

For Carpet

STEP 7  Applying Anchor screws

Tighten Screws with a snug fit (do not over-tighten).

See page 7 for Operating Instructions
68R ROUND RECESSED FLOOR BOX
OPERATING INSTRUCTIONS

STEP 1 Lift Cover

STEP 2 Twist

STEP 3 Twist

NOTES:
WARRANTY: Thomas & Betts sells this product with the understanding that the user will perform all necessary tests to determine the suitability of this product for the user’s intended application. Thomas & Betts warrants that this product will be free from defects in materials and workmanship for a period of two (2) years following the date of purchase. Upon prompt notification of any warranted defect, Thomas & Betts will, at its option, repair or replace the defective product or refund the purchase price. Proof of purchase is required. Misuse or unauthorized modification of the product voids all warranties.

Limitations and Exclusions: THE ABOVE WARRANTY IS THE SOLE WARRANTY CONCERNING THIS PRODUCT, AND IS IN LIEU OF ALL OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE SPECIFICALLY DISCLAIMED. LIABILITY FOR BREACH OF THE ABOVE WARRANTY IS LIMITED TO COST OF REPAIR OR REPLACEMENT OF THE PRODUCT, AND UNDER NO CIRCUMSTANCES WILL THOMAS & BETTS BE LIABLE FOR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.