

## 68-HP-CI CAST IRON FLOOR BOX Installation Instructions

**IMPORTANT:** Read all instructions before installing floor box, carpet plate or mounting kit.

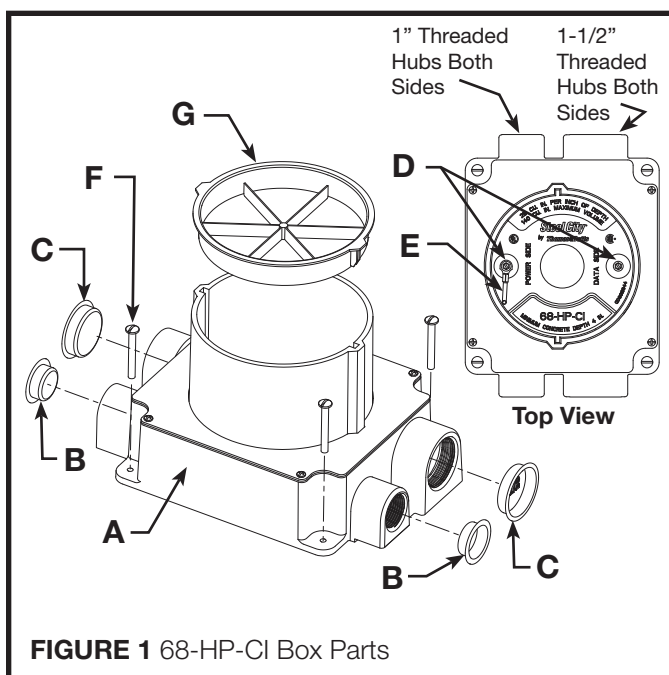


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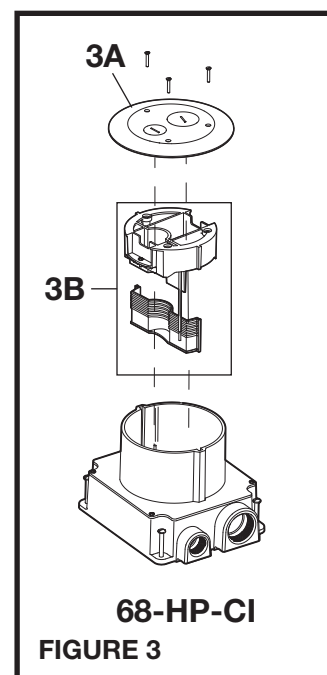
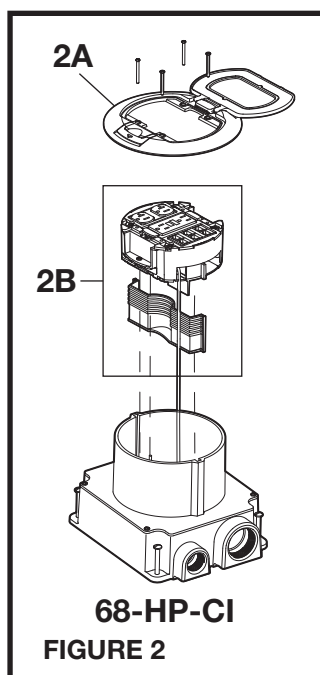
### 1.0 Parts List for 68-HP-CI Floor Box

- A - Body Box Assembly (Qty. 1)
- B - 1" Tin Plugs (Installed) (Qty. 2)
- C - 1-1/2" Tin Plugs (Installed) (Qty. 2)
- D - Ground Screws (Installed) (Qty. 2)
- E - Ground Wire (Installed) (Qty. 1)
- F - Leveling Screws (Qty. 4)
- G - Concrete Cap (Qty. 1)



### 2.0 Required Parts to Activate Floor Box

1. These instructions apply to installation of the 68-HP-CI floor box only. To activate the box a mounting kit and cover must be ordered separately.
2. For Flush Power and Data order:
  - 2A. 68-HP-FC-XXX Flush Cover
  - 2B. 68-HP-FMK Flush Mounting Kit
  - See Figure 2
3. For Furniture Feed order:
  - 3A. 68-HP-FFC-XXX Furniture Feed Cover
  - 3B. 68-HP-FFMK Furniture Feed Mounting Kit
  - See Figure 3



### 3.0 Concrete Depth Chart

MINIMUM CONCRETE DEPTH		
Catalog Number	Minimum Floor Box Depth in Concrete	Maximum Floor Box Depth in Concrete
68-HP-FMK	4-1/2 inches	6-5/16 inches
68-HP-FFMK	4 inches	6-5/16 inches

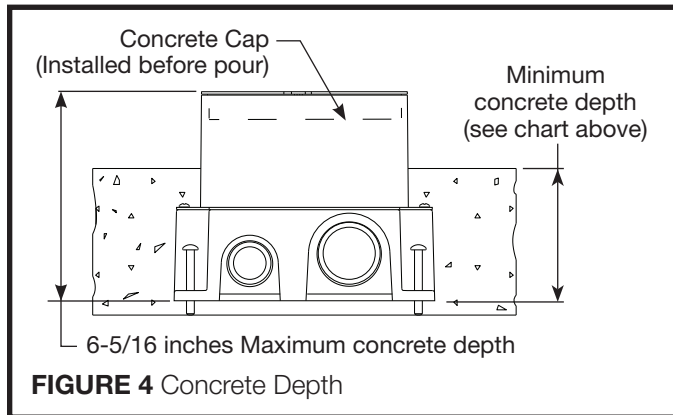


FIGURE 4 Concrete Depth

### 4.0 Installation BEFORE Pouring Concrete

#### 1. On Grade Installation:

Level and fasten the box to the form set. Use leveling screws provided with box. **Do not cut top of box.** Top of the box should protrude above or be level to the top of the finished concrete surface. See concrete chart (see Section 3.0) for minimum box depth details.

#### 2. In Fire Rated Floor Installation:

Level and fasten the box to the form set. Use leveling screws provided with box. **Do not cut top of box.** Top of the box should protrude above or be level to the top of the finished concrete surface. See concrete chart (see Section 3.0) for minimum box depth details.



## CAUTION

Provide adequate concrete thickness under box to preserve the fire rating of the floor in accordance with national and/or local building codes.

#### 3. Connect Conduit to Box:

Use 1" NPS threaded box hubs for power and 1-1/2" NPS threaded box hubs for data.

Pry out 1" and 1-1/2" tin plugs from hubs on box. Leave plugs in place if no conduit is to be run in hub.

#### 4. Run conduit and install into threaded hubs on side of cast iron box. Verify conduit and fittings are suitable for concrete floor per national and local electrical codes.

#### 5. Press concrete cap in place.

### 5.0 Installation AFTER Pouring Concrete

#### 1. Leave floor box and concrete cap in place in concrete until concrete hardens. The box will have to be activated prior to power connection.

#### 2. After concrete hardens, the floor box will need to be activated with a 68-HP-FMK Mounting Kit and 68-HP-FC-XXX Cover. (Flush Service) or 68-HP-FFMK Mounting Kit and 68-HP-FCC-XXX Cover (Furniture Feed)

The instructions for activation are included with each mounting kit and cover.

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