

AFM-FAS SERIES ACCESS FLOOR MODULE

Installation Instructions

Cat. Nos. AFM-FAS-B and AFM-FAS-B-CII

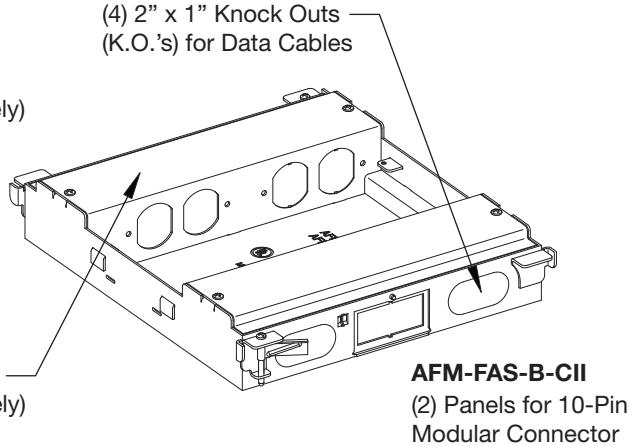
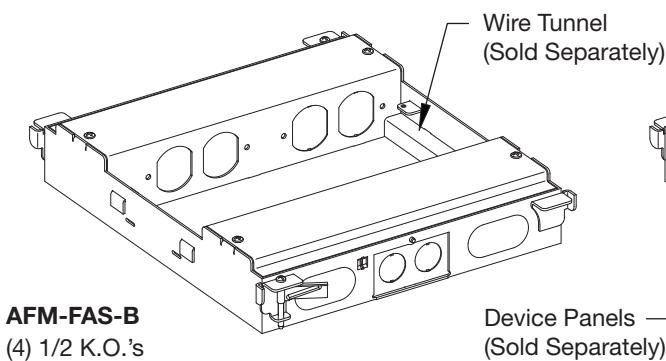
! CAUTION !

Read all Instructions before installing
the AFM Floor Box.

! WARNING !

RISK OF SHOCK, DISCONNECT POWER
BEFORE INSTALLATION.

AFM-FAS Series Access Floor Modules



AFM-FAS Series Floor Boxes are to be used with AFM-FAS-C-BLK (black) or AFM-FAS-C-GRY (gray) Covers

INSTALLATION INSTRUCTIONS:

(Floor Box)

STEP 1

Orient AFM-FAS Series Floor Box so that the knock out (K.O.) plates are aligned with the Conduit Space of the Raised Floor Panel. The Retainer Clips must be flush against the side of the floor box prior to placing the box into the floor. This is to ensure the floor box is centered inside the raised floor panel (see Fig. A).

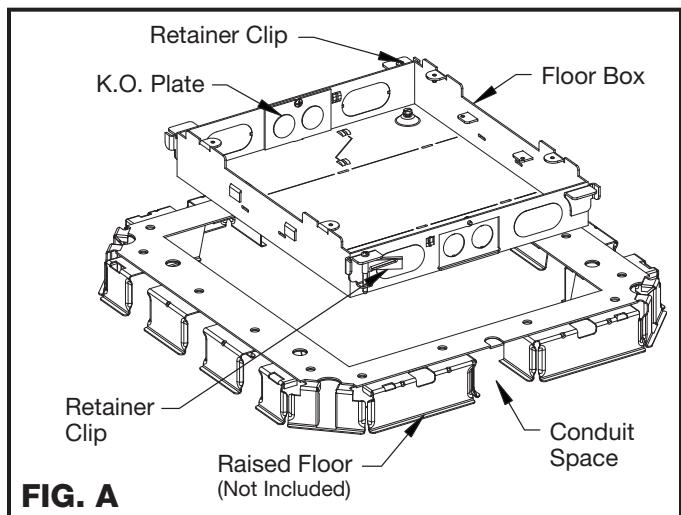


FIG. A

STEP 2

All four Mounting Tabs must be flat against the top surface of Raised Floor Panel. Locate both Retainer Clips (see Fig. B). Once the floor box is in place, use a screwdriver to secure Retainer Clips by tightening the Screw located on top of the Mounting Tab clockwise to secure the Retaining Clip (see Fig.B). The Floor Box should not be able to move once secured properly.

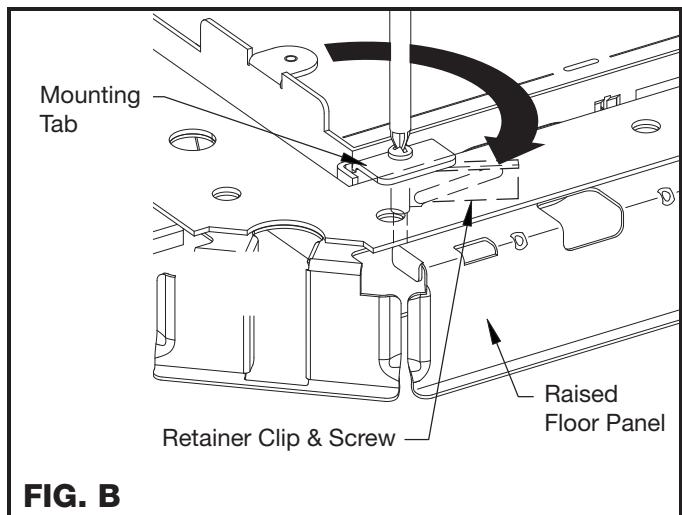


FIG. B

ACTIVATION: (Floor Box)

STEP 3

Remove the 1/2 K.O. Plate (Figure C) or 10-Pin Modular Connector Plate (Figure C.1) from inside of Floor Box by removing screw and lifting Plate out of slot.

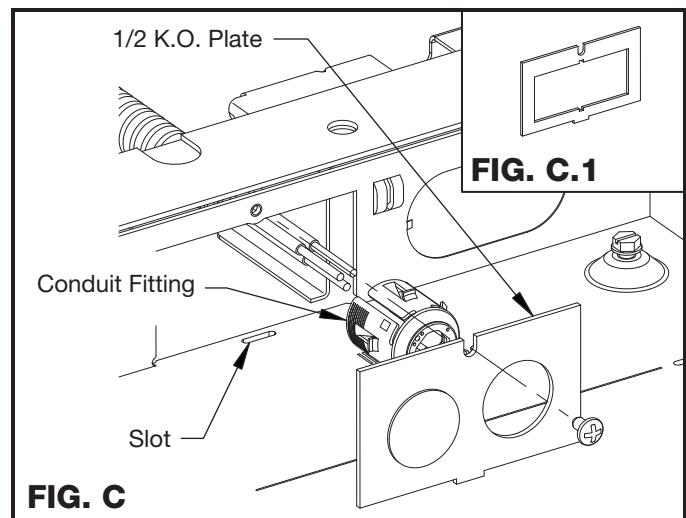
AFM-FAS-B

Remove the knock-out(s) as required from the 1/2 K.O. Plate (see Figure C). If K.O. Plate is bent, straighten before installing conduit. Pull conduit through the openings in Floor Box and Plate, and install using appropriate conduit fitting. Reinstall the Plate to the Floor Box.

AFM-FAS-B-CII

Use the 10-Pin Modular Connector Plate(s) (see Figure C.1). Install Connector (not shown) to Plate. Reinstall the Plate to the Floor Box.

NOTE: A Blank Plate is provided for applications where only one side of the Floor Box is activated.



STEP 4

OPTION A: Electrical Power Only

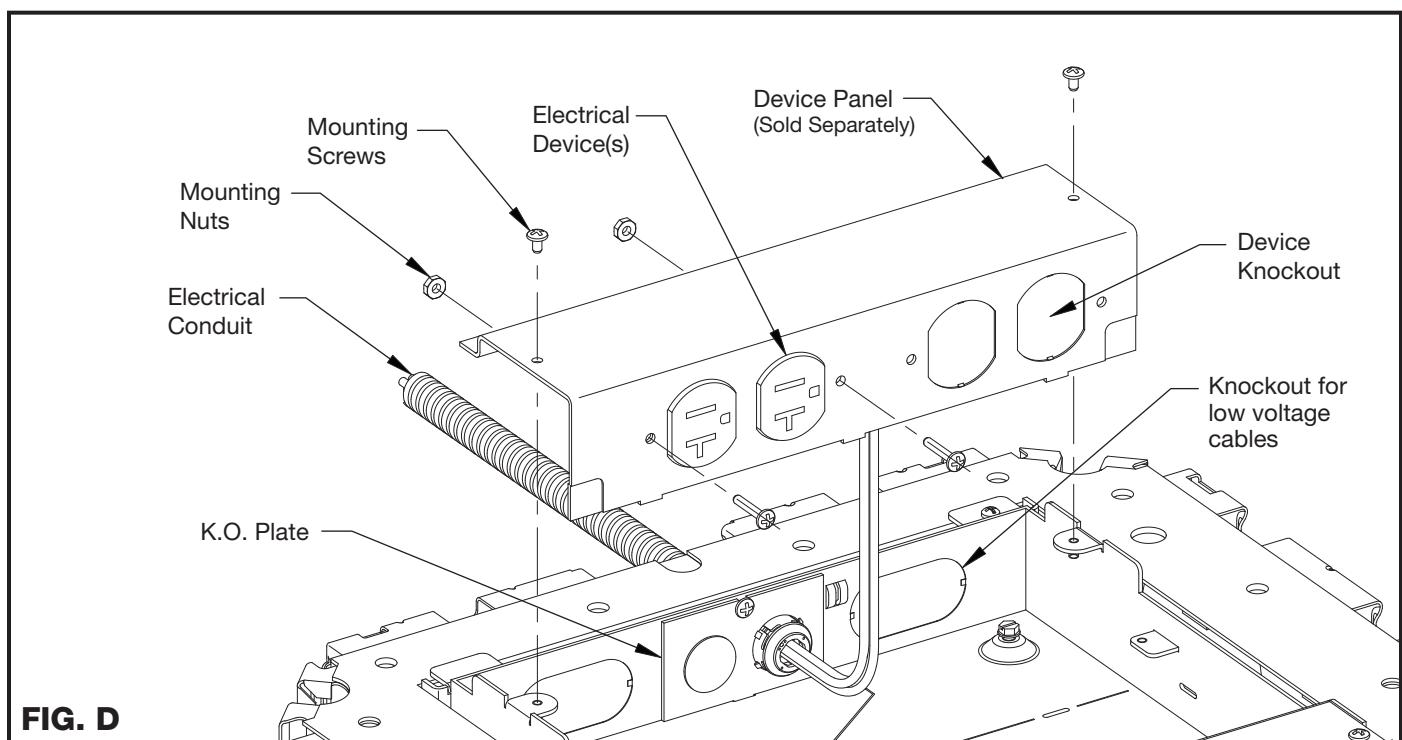
Connect wires to the electrical device(s) and mount to the appropriate Device Panel (see Fig. D). When mounting an additional device, remove the Device Knockout.

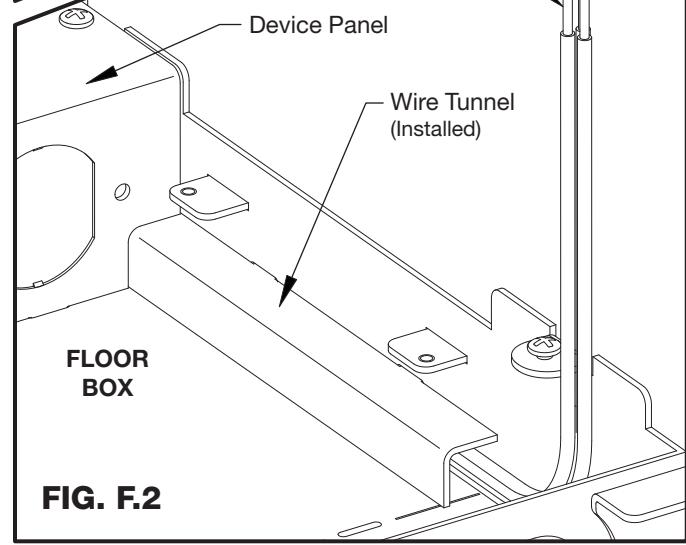
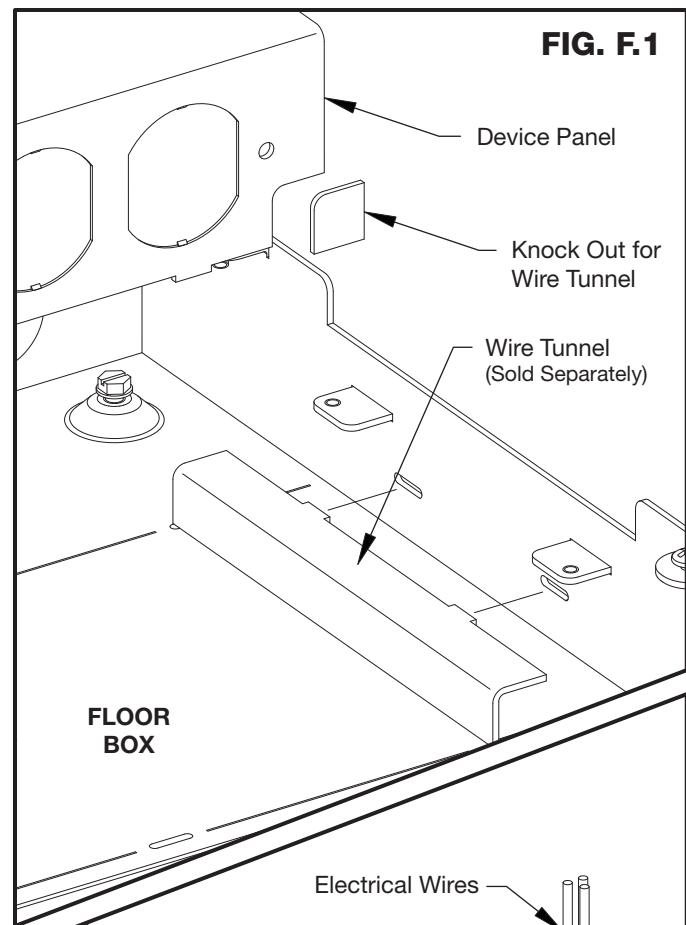
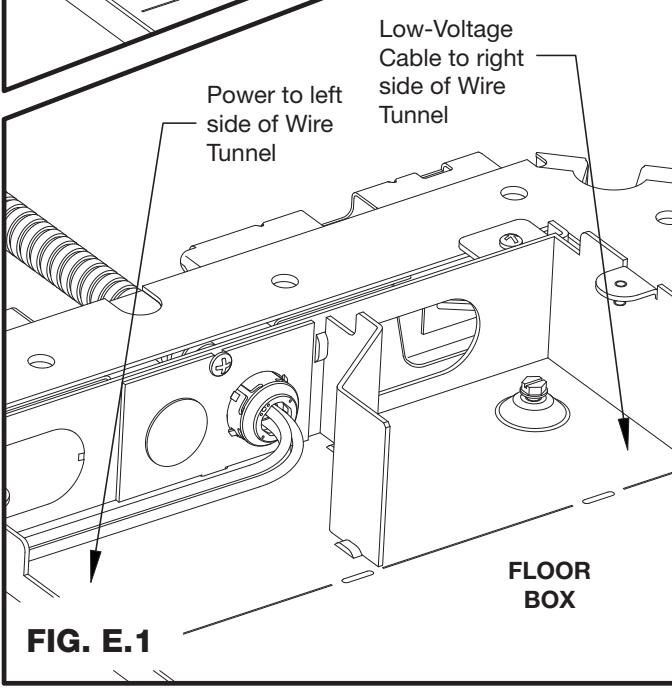
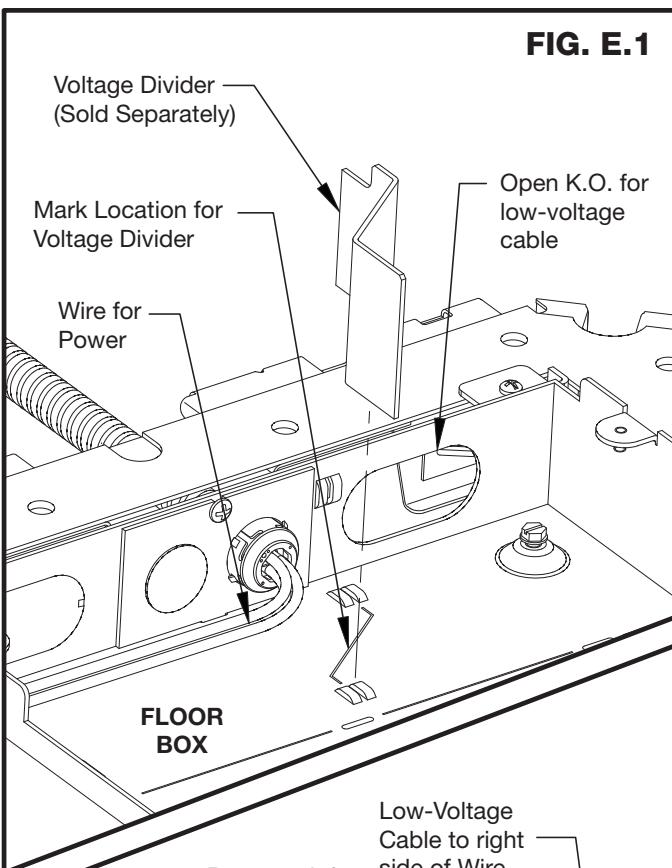
OPTION B: Data Only

Remove 1/2 K.O. Plate or 10-Pin Modular Connector Plate, and oval knockouts as required.

OPTION C: Electrical and Data

See STEP 5 and STEP 6 . Voltage-divider(s) AFM-FAS-DIV required (sold separately).





STEP 5 (Option C -Electrical and Data)

Install the Voltage-divider (AFM-FAS-DIV) in the marked location of the Floor Box (see Figures E.1 and E.2). Electrical power will be on side where the 1/2 K.O. Plate or 10-Pin Modular Connector Plate is mounted. The oval knockout on the other side of the Voltage-divider should be removed to allow passage of data cable. Make certain back edge of Voltage-divider is up against inside vertical wall of Floor Box. The Device Panel (not shown) will secure the Voltage-Divider in place.

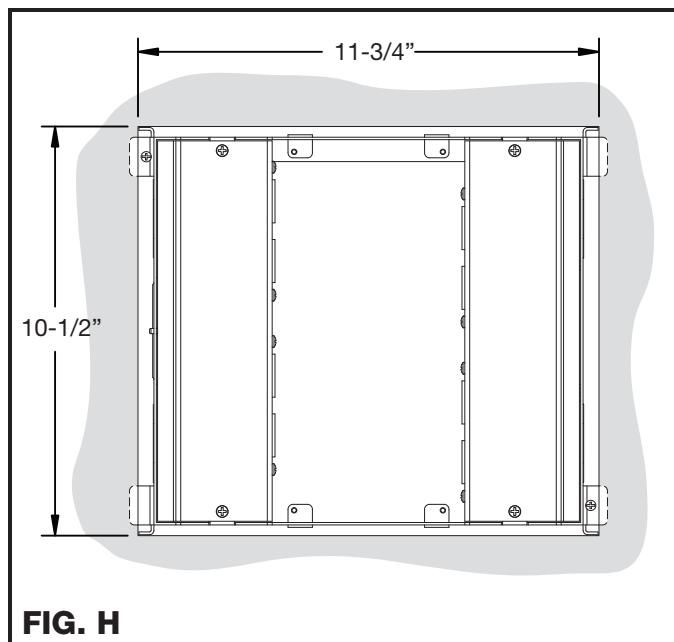
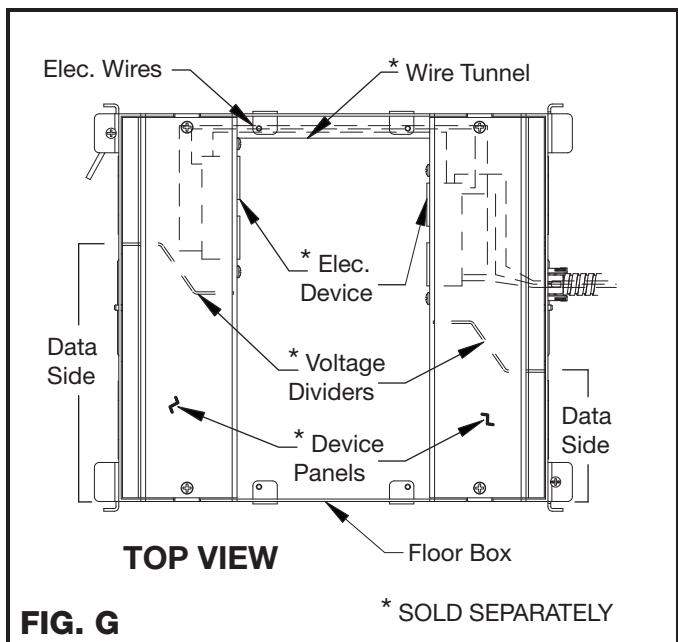
Optional Wire Tunnel, AFM-FAS-WT (sold separately) can be used to extend power to the other Device Panel on opposite side of Floor Box (see Step 6).

STEP 6 (Option C-Electrical and Data)

Use Wire Tunnel, AFM-FAS-WT, under one of the following conditions (see Figure G):

- Extending power from one Device Panel to the other Device Panel on other side of Floor Box.
- Power Device is not accessible to 1/2 K.O. Plate or 10-Pin Modular Connector Plate because of the Voltage-divider.

Remove the knockouts for the Wire Tunnel from the Device Panels (see Figure F.1). Place electrical wires under Wire Tunnel and install as shown in the figure. Secure in place using the Device Panels (see Figure F.2).



STEP 7 (Finished Floor)

Create opening in finished floor, 10-1/2" x 11-3/4". For wood or tile floors, notch out around the four mounting tabs to allow easy removal of the Floor Box.

Install AFM-FAS Series Cover (sold separately). See Figure H.

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.

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