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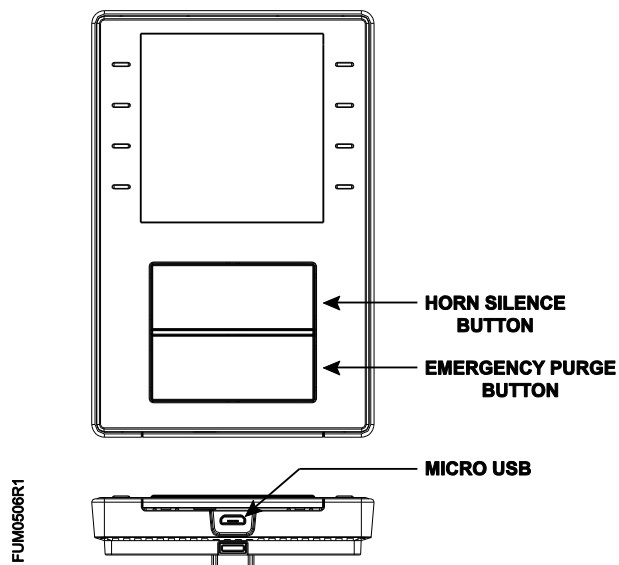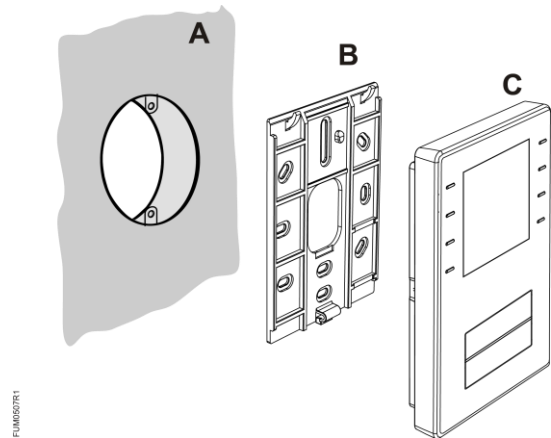
Operator Display Panel II (ODP II)

Product Description

These instructions explain how to field install or replace the BACnet Fume Hood Controller FHC.

The Fume Hood Controller Operator Display Panel (ODP) is the interface between the fume hood operator and the controller system. The mounting plate is designed for the fume hoods with or without existing cutouts.

- Designed for wall-mounting (A). A conduit box is optional.

- Base plate (B) has screw holes for all commercially available conduit boxes. The height of the screw heads must not exceed 3 mm.

- Device (C) incorporates a plug, an LCD panel, emergency purge and horn silence buttons.

Product Number

575-820A

Required Tools

For fume hood with an existing cutout, you need:

- Medium Phillips-head screwdriver

For fume hood without a cutout, you need:

- Medium duty electric drill

- 1-1/2 inch (38 mm) hole saw bit

Prerequisites

Cable from controller to ODP is in place.

Cable from controller to ODP is less then 50 feet (15 m) in length.

Installation Instructions

ℹ️ **NOTE:**
The ODP must be mounted so that the fume hood operator can easily read its display and reach its buttons.
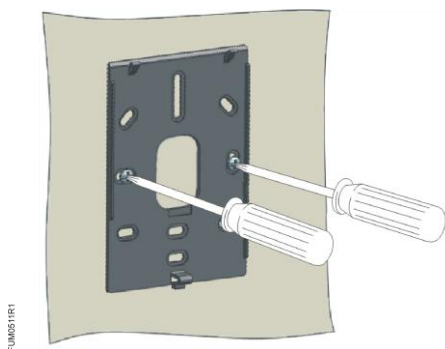
1. Choose the mounting location for the ODP. The panel can be mounted directly on the fume hood over a pre-existing cutout, on a nearby wall or over a conduit box.

2. Continue with one of the following:

   - Installing a Cutout
   - Installing the ODP

Installing a Cutout

1. Using the mounting plate as a template, mark the location for the mounting holes and interface cable/connector.

2. Drill the two mounting holes using a 3/16-inch (5 mm) bit.

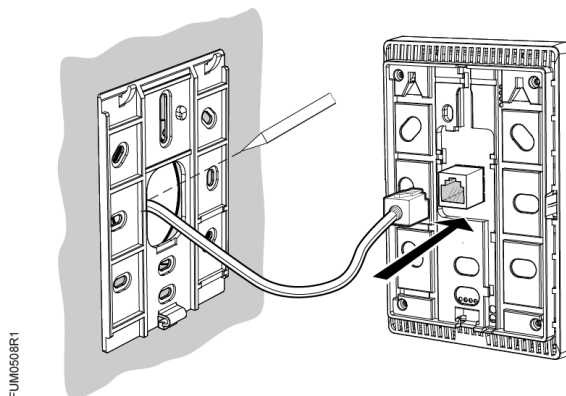3. Cut the controller interface port clearance hole using a 1-1/2 inch (38 mm) hole saw.

Installing the ODP

1. Position the mounting bracket over the existing cutout on the fume hood. Align the holes on the mounting bracket with the screw holes of the cutout.
   NOTE: Make sure that there is enough clearance for the controller interface port on the ODP.

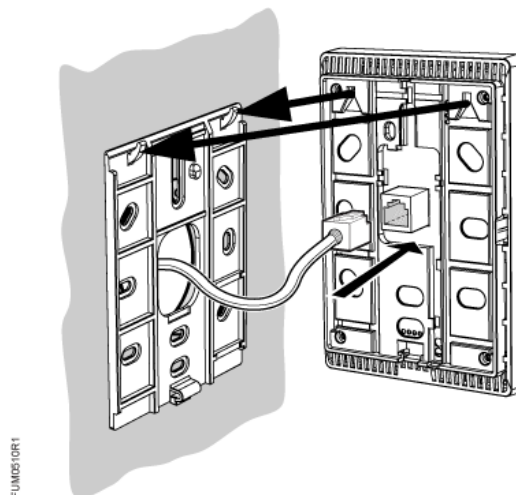2. Attach the mounting plate to the mounting surface using the screws provided.

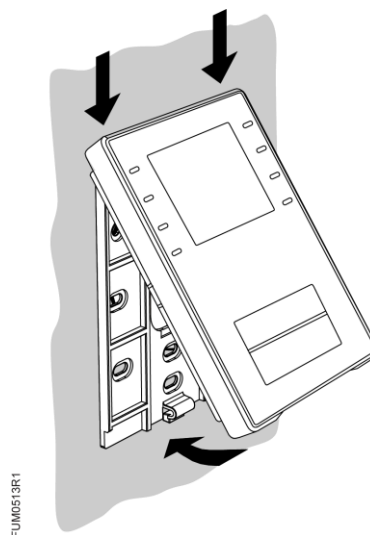**NOTE:** The height of the screw heads must not exceed 3 mm.

3. Pull the cable through the plate and connect it to the ODP at the controller interface port.

4. Place the ODP onto the mounting bracket so that the flange engages into the slots located inside the top of the panel housing.

5. Push until locking tab clicks in place.

6. Connect the power module to the ODP and Fume Hood Controller.

The installation is complete.

Dismounting the ODP

1. Push the locking tab with a screwdriver until it releases.

2. Remove the display fro the mounting plate.
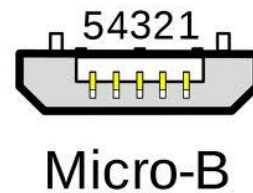

Mounting plate dimensions.

ODP Driver Installation

- Obtain the driver files from one of the following locations and copy the folder locally to your hard drive:

    - Technical Support Web site, choose the Critical Environment patches link.
    - Standard Apps

A Micro-B USB cable is required for communication. The suggested length of Micro-USB cable should be 6 foot in length. Below is a picture representation of the Micro-B USB cable. Note that the Micro-A USB cable style will not work.

Micro-B

Your feedback is important to us. If you have comments about this document, please send them to SBT_technical.editor.us.sbt@siemens.com.