

Fume Hood Controller Operator Display Panel (ODP)

Product Description

The Fume Hood Controller Operator Display Panel (ODP) (Figure 1) 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.

Product Number

537-720

Required Tools

For fume hood with an existing cutout you need:

- Medium flat-blade screwdriver
- Hex head wrench

For fume hood without a cutout you need:

- Medium duty electric drill
- 1-1/2 inch (38mm) hole saw bit
- Medium flat-blade screwdriver
- Hex head thermostat key

Prerequisites

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

Expected Installation Time

15 minutes

Instructions

NOTE: The ODP must be mounted so that the fume hood operator can easily read its display and can easily reach its buttons (Figure 1).

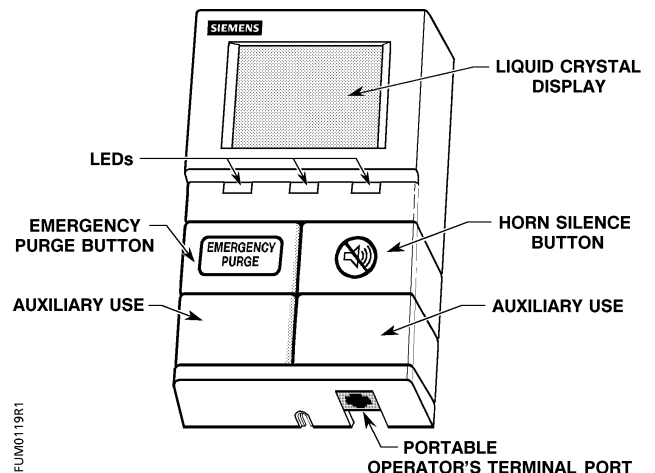


Figure 1. Operator Display Panel.

1. Choose the mounting location for the ODP. The panel can be mounted directly on the fume hood or on a nearby wall and can be mounted over a pre-existing cutout on the fume hood.
2. Continue with one of the following two methods: *Installation with a Existing Cutout* or *Installation without an Existing Cutout*.

Installation with an Existing Cutout

- a. 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 (Figure 2).

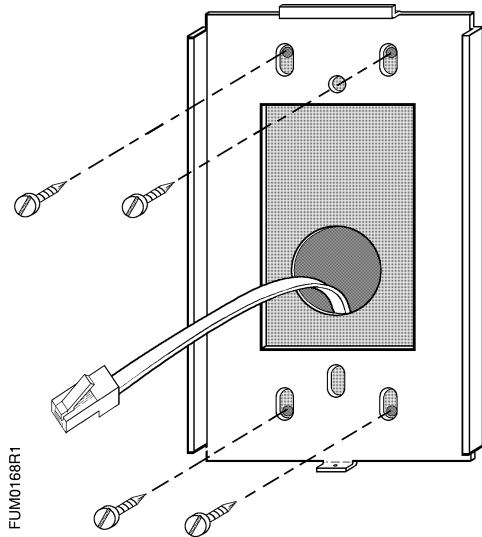


Figure 2. Installation with Existing Cutout.

NOTE: Make sure that there is enough clearance for the controller interface port on the ODP (Figure 3).

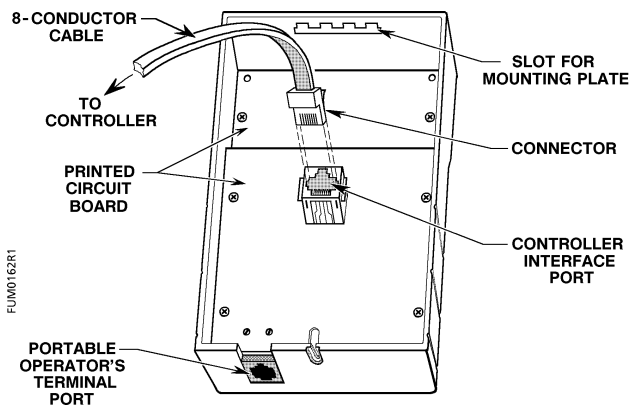


Figure 3. ODP Wiring.

- b. Go to Step 3.

Installation without an Existing Cutout

- a. Using the mounting plate as a template, mark the location for the two-center mounting holes (Figure 4).

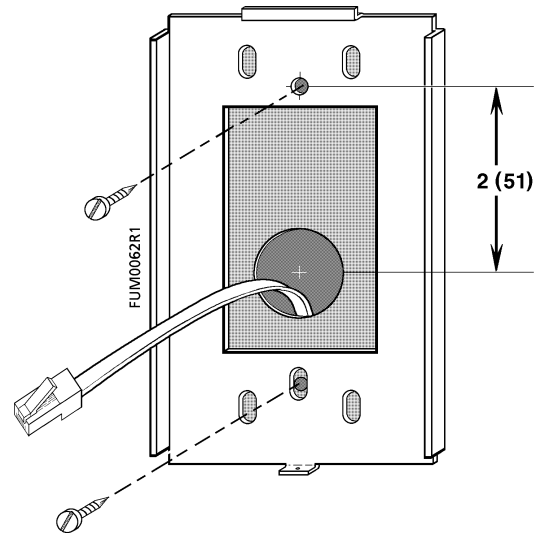


Figure 4. Installation without Existing Cutout.

- b. Using a straightedge, draw a line connecting the two mounting holes.
 - c. Measure 2 inches (51mm) down on the line from the top mounting holes and mark the location for the clearance hole for the controller interface port (Figure 4).
 - d. Drill the two mounting holes using a 3/16-inch (5mm) bit.
 - e. Cut the controller interface port clearance hole using a 1-1/2 inch (38mm) hole saw.
 - f. Go to Step 3.
3. Attach the mounting plate to the mounting surface using the screws provided. Refer to Figure 2 or 4.
 4. Pull the 8-conductor phone cable through the plate and connect it to the ODP at the controller interface port (Figure 3).

5. Place the ODP onto the mounting bracket so that the flange engages into the slot located inside the top of the panel housing (Figure 5).

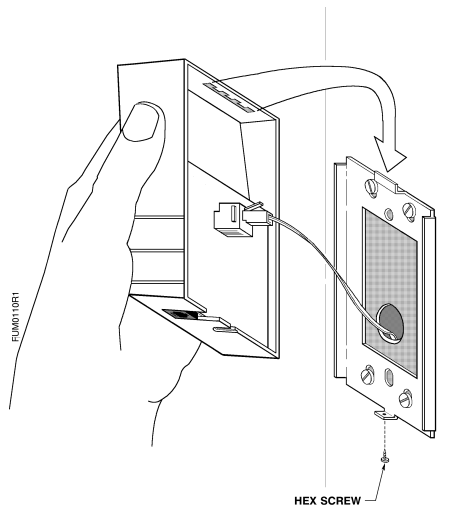


Figure 5. Placement of Panel on Mounting Plate.

6. Insert hex screw into the bottom tab of the mounting plate to secure the bottom of the ODP (Figure 5).
7. Apply the information label to the fume hood as close to the ODP as possible (Figure 6).

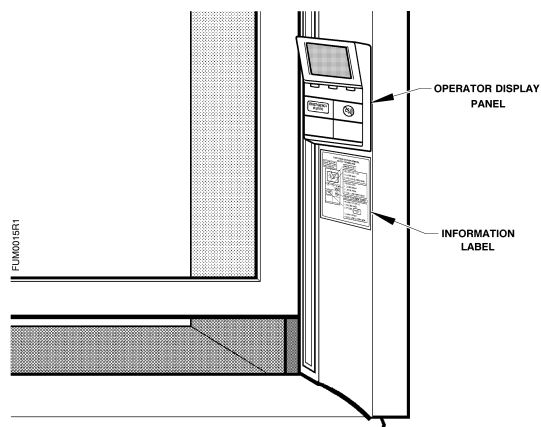


Figure 6. Placement of Information Label.

The installation is complete.

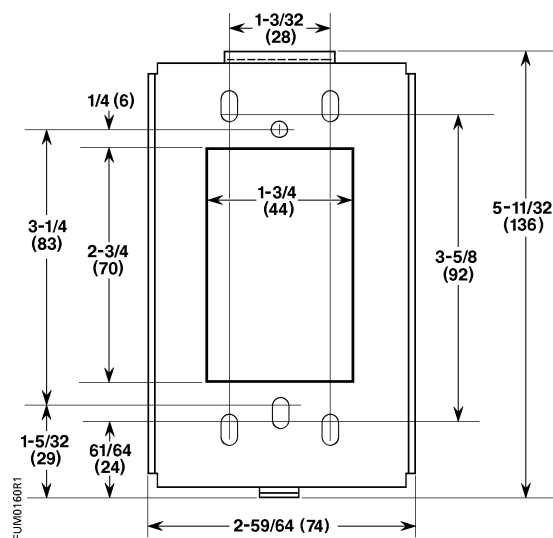


Figure 7. Mounting Plate Dimensions.

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