

H46C,E Humidity Controllers

TRADELINE®

INSTALLATION INSTRUCTIONS

APPLICATION

The H46C,E Humidity Controllers are used with portable and central unit dehumidifiers, or for mildew control with air conditioning systems. The H46 has an spst, snap-acting switch designed for line voltage circuits. The H46C has two leadwires for switch box mounting. The H46E has an electric cord with an interrupter plug.

INSTALLATION

When Installing this Product...

1. Read these instructions carefully. Failure to follow them could damage the product or cause a hazardous condition.
2. Check the ratings given in the instructions and on the product to make sure the product is suitable for your application.
3. Installer must be a trained, experienced service technician.
4. After installation is complete, check out product operation as provided in these instructions.



CAUTION

Disconnect power supply before connecting wiring to avoid electrical shock or equipment damage.

Location

Select a location about 5 ft (1.5 m) above the floor in an area with good circulation at average temperature and humidity for the area to be controlled. Avoid locations near hot or cold air ducts and discharge air from the controlled equipment.

Mounting H46C

- 1 Remove the setting knob.
- 2 Pull the cover forward from the device to remove.
- 3 Install a 2 x 3 in. (51 mm x 76 mm) vertical switch box at the selected location.
- 4 Using the two screws provided, fasten the adapter plate to the switch box as shown. See Fig. 1.
- 5 Pull the wires from the switch box through the opening in the adapter plate and connect to the H46 leadwires with the solderless connectors provided. See Fig. 4, 5 and 6 for a typical hookup.

- 6 Push the wires back into the switch box.
- 7 Place the H46 against the adapter plate, making certain the tab at the bottom of the plate fits into the notch on the H46.
- 8 Fasten the H46 to the adapter plate by tightening the captive screw.
- 9 Replace the cover and the setting knob.

Mounting H46E

- 1 At the selected location, insert the two wood screws provided into the wall 2 in. (51 mm) vertically apart and protruding 1/16 in. (2 mm) from the wall. See Fig. 2.
- 2 Position the H46 on the screws and slide it down until the screws are in the slots.
- 3 Insert the dehumidifier plug into the end of the interrupter plug. See Fig. 3.
- 4 Insert the interrupter plug into the electrical outlet.

NOTE: The H46E has a 3-prong plug. When connecting to a 2-prong receptacle, use the converter plug not included and connect the pigtail lead to the ground screw.

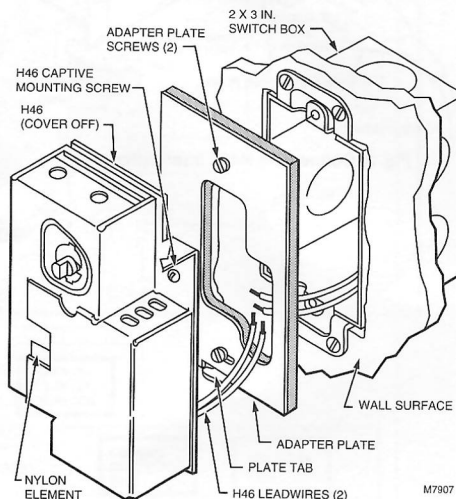


Fig. 1. Mounting H46C on vertical switch box.

