

**HUMIDISTAT INSTALLATION INSTRUCTIONS**  
(MAKE ON DECREASE R.H.)

**WARNING - FOR 24VAC USE ONLY** Installer must be a trained technician. Disconnect power supply before beginning.

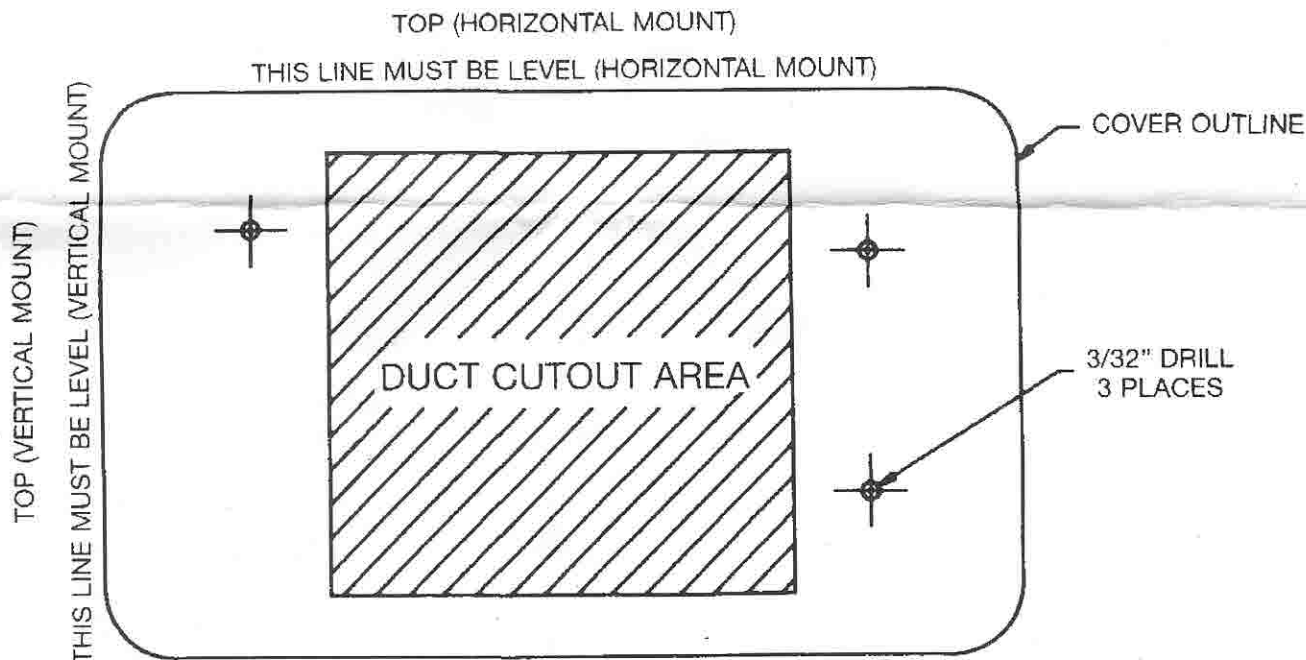
**LOCATION:**

**WALL MOUNT** - Locate the control on an inside wall, approximately 5 ft. above the floor in an area where it is subject to average temperature and relative humidity. Do not mount the control above a thermostat or any other heat producing fixture.

**DUCT MOUNT** - Locate the control on the furnace cold air return duct. Do not mount the control on a counter flow furnace; a malfunction of the furnace during the heating season could damage the control. If a bypass humidifier is being used, mount the humidistat 12" UPSTREAM of the discharge so the moisture from the humidifier does not affect the humidistat.

**INSTALLATION INSTRUCTIONS:**

1. Detach the bottom of this sheet and use it as your template. The humidistat is designed for mounting in a horizontal or vertical position. Tape the template to the wall or duct (see LOCATION section above and reference guides on template for vertical and horizontal mount). Be sure the template is level. The outline of the humidistat housing is shown on the template. Be sure you are mounting to a flat surface that will cover the entire back side of the humidistat housing. One side of the faceplate is printed for horizontal mounting and the other side for vertical mounting.
2. Drill (3) holes with a 3/32" drill bit as located on the template. If duct mounting, remove the cutout area from the template and the duct. This opening will allow the humidistat element to sense the humidity in the furnace air. If wall mounting, cut a hole in the wall somewhere in the center of the cutout area through which your control wires can be passed. Remove the template.
3. Remove the control knob and pull the faceplate off of the front of the humidistat revealing the three mounting holes.
4. If duct mounting, cut out the rectangular section at the corner of the humidistat for passing control wires through housing. Section has a thin wall for ease of cutting.  
If wall mounting, pull 6" of control wire through the hole in the wall.
5. **MAKE SURE ALL POWER IS DISCONNECTED** If wall mounting, route 6" long control wires through the middle opening in the spacer with the flat side of the spacer towards the wall. For duct/wall mounting, attach one control wire to each of the terminal screws on the humidistat element. Complete the wiring by following the diagram on the back of this sheet and any recommendations of the appliance manufacturer. All wiring must conform to the N.E.C. and local electric codes. (Most new furnaces have humidifier contacts on their circuit boards to provide 24VAC or 115VAC control power. Follow the first two diagrams on the back of this sheet in this case.)
6. **USE THE SPACER PROVIDED FOR WALL MOUNT ONLY** Attach the humidistat to the wall/duct using the screws provided. For duct mounting, route the wiring between the two oblong bosses over to the rectangular cutout in the base of the humidistat housing. The spacer is used only for wall mounting(push excess wire back through wall). When the humidistat is mounted using the spacer, an 1/8" air gap is maintained between the wall and the humidistat cover to allow the element to sense the humidity in the room air. Duct mounting without the spacer secures the humidistat housing tight to the duct so no outside air will enter the housing.



7. Level the humidistat housing by loosening the screws in the two oblong bosses and moving the housing. Then re-tighten the screws.
8. Position the faceplate over the shaft so the text is oriented properly. Insert faceplate tabs into slots on either side of the front of the humidistat housing. Push control knob onto the shaft. Do not push too hard or knob will be difficult to remove.
9. Test the control circuit by rotating the humidistat control knob in both directions which should turn the appliance on and off.

**OPERATION:**

Turn the control knob so the pointer indicates the level of humidity desired. If this proves unsatisfactory, turn the knob to a higher number for more moisture or to a lower number for less moisture. Typically, 30-40% is most comfortable. The humidistat is simply a switch that turns on a humidifier when the humidity drops below the number indicated on the dial.

**LIMITED WARRANTY** - Against defective materials and workmanship for (2) years.

