

# H-D SYSTEM

Installation Instructions

DEHUMIDIFY-ONLY SYSTEM

Tools Required: Cordless or handheld screwdriver with 1/4" hex head bit or #2 Phillips bit, chalk



The H-D System consists of an H-D Humidistat, a Dehumidifier, and mounting hardware.





## VERTICAL PIANO INSTRUCTIONS:

### DEHUMIDIFIER INSTALLATION:

- 1. Remove the bottom panel and measure 10" up from the inside bottom of the piano. Make a horizontal chalk line at this point.
- 2. Determine a front to back point where the Dehumidifier will not come in contact with any pedal rods and make a vertical line intersecting the horizontal one.
- 3. Screw the mounting bracket to the side of the piano at the point where the chalk marks meet.

4. Snap one end of the Dehumidifier into the bracket.



5. Repeat the process on the other side of the piano after extending the adjustable length Dehumidifier. Make sure the Dehumidifier is level.

### HUMIDISTAT INSTALLATION:



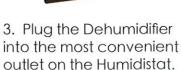
 Attach the C-clips to the Humidistat by inserting the rectangular base of the clip into the rectangular holes in the top of

the Humidistat and rotating them 90 degrees in either direction.



2. Snap the C-clips onto the Dehumidifier rod.





- 4. Bundle up any extra cord length and secure with a twist tie. Make sure no cords come in contact with the Dehumidifier.
- 5. The power cord can be routed out of the piano in two ways. Either drill a hole in the floor of the piano or route the cord over the top of the bottom panel and around the back of the piano.
- 6. Plug the power cord into a wall outlet that is NOT controlled by a light switch.

You may also install a low power Dehumidifier under the keybed to assist with humidity related action problems. Plug this Dehumidifier into the Humidistat also.

Dampp-Chaser strongly recommends that all Dehumidifiers be controlled by a Humidistat and will not take responsibility for over-drying damage if no Humidistat is present.

NEVER place a Dehumidifier in the action of any piano.

### GRAND PIANO INSTRUCTIONS:

### **DEHUMIDIFIER INSTALLATION:**

Grand pianos generally require two Dehumidifiers. A 36" or 48" primary Dehumidifier is mounted parallel with the rear of the keybed and a 24" secondary Dehumidifier is mounted in the tail of the piano as shown. Plan your installation so the Dehumidifiers are mounted at least 12" from the Humidistat if possible. If the piano is too small to accommodate the 12" distance, center the Humidistat between the Dehumidifiers.

Snap the C-clips onto the Dehumidifier rods and hold them up to the underside of the piano in the locations shown. Slide the C-clips along the rod until they are directly under a beam. Mark the location and screw the C-clips into place using the small screws. The beam structure of some pianos may dictate that both C-clips be on the same beam.



### HUMIDISTAT INSTALLATION:

The Humidistat must be mounted upside down, as close as possible to the ribs, without touching them. A gap of 1/4" is good. The green sticker details this as well.

Velcro® may be used to temporarily hold the Humidistat in place during installation. For permanent mounting, use the two large screws.

Plug the Dehumidifier(s) into the outlet(s) and the

Plug the Dehumidifier(s) into the outlet(s) on the Humidistat. Bundle any extra lengths of cord with wire ties.

Larger grand pianos may require an additional 24" Dehumidifier. It must also be 12" from the Humidistat. If it must be mounted parallel with a beam, attach it as low as possible on the beam to not over-dehumidify an area of the soundboard.

Secondary Dehumidifier

You may also install a low wattage Dehumidifier under the keybed to assist with humidity related action problems. Plug additional dehumidifiers into the Humidistat. A triple adapter (not included) is needed.

NEVER place a Dehumidifier in the action of any piano.

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