

Piano **LIFE SAVER SYSTEM®**

from
DAMPP-CHASER



GRAND PIANO 7-PART SYSTEM (DUAL TANK SYSTEM) INSTALLATION INSTRUCTIONS

These instructions are an addendum to the 6-Part Grand System Instructions and refer specifically to the steps that are unique to the Dual Tank System.
Please read and follow all the installation instructions in the main instructions.

Tools Required: Same as for the Grand 6-Part System PLUS scissors and pliers.

List of Components:

System Description:

In larger grand pianos two Humidifier tanks are necessary to provide sufficient humidification. The tanks are connected together by a 5/8" clear tube. This allows the System to act as one tank and requires only one Low Water Sensor, one Smart Bracket and one Watering Tube.



Connector tube with spring clamps on each end



Velcro© loop



2 Humidifier tanks

Never install liners in a dual tank System

Before proceeding, read steps 1-3 in the Grand System Installation Instructions

STEP 1: ORIENT THE TANKS

Each tank has a 90° elbow protruding from one end. You will need to make sure that the elbows point towards each other when installed. The power and sensor cables all come from one end of the tanks. They can be oriented whichever direction you find most convenient relative to the Humidistat placement.

CAUTION

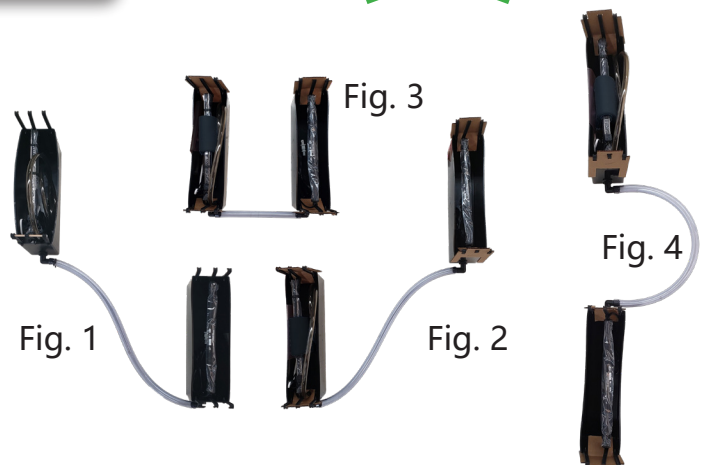
DO NOT attempt to tighten, loosen or turn the elbows. They are permanently sealed and any adjustment will destroy the seal.



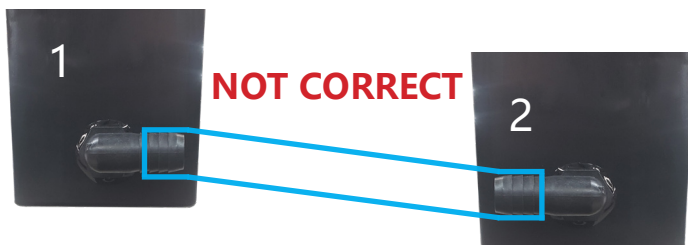
STEP 2: POSITION THE TANKS

Since you are working with a large grand piano, one of the tanks will be positioned toward the tail and one nearer the belly rail. Their exact relationship to each other will be dictated by the beam structure of the piano. This means they will be configured *similarly* to one of the four following ways:

- Figures 1 and 2 show the tanks staggered
- Figure 3 shows them side by side
- Figure 4 shows them in a line



Determine the best location for the tanks in the piano you are working on and temporarily position them using the hanger rods.



It is very important that the tanks are level with each other before attaching the hanger rods to the beams. If they are not, tank 2 may overflow during filling and tank 1 will run out of water before tank 2.

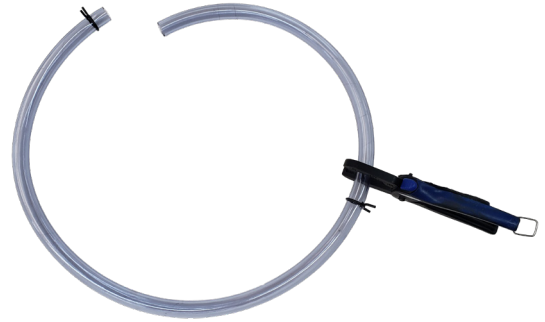
If the tanks are not level you will need to adjust the height of one of the tanks. Raise the lower of the two by attaching the hanger rod brackets as shown here. Once they are level, mount them to the beams per the main instructions.



STEP 3: INSTALL THE CONNECTOR TUBE

Find the most direct route between the tanks for the tube. Make sure to allow enough length to slide the tube all the way onto the elbows and avoid any kinking. Mark the spot where you intend to cut.

Using your pliers, slide the spring clamp past your cut mark so it is on the part you will be using. Trim the tube using scissors or a sharp knife.



Moisten the elbow and slide the tube over it. Using your pliers, squeeze the spring clamp and slide it over the elbow to ensure a good seal.

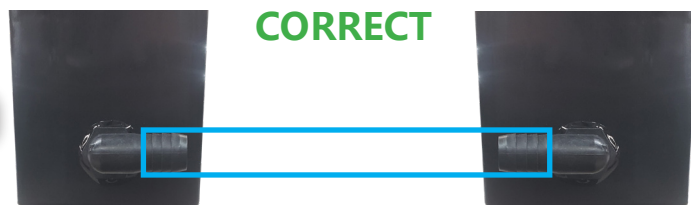


Make a sling using the two different length pieces of Velcro®. Clean the underside and sides of the beam where you will be applying the shorter piece of Velcro®. Wrap it across the bottom of the beam and an equal amount up each side.

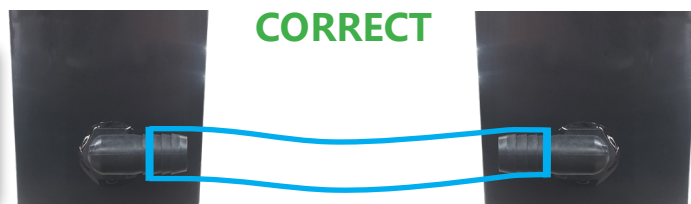
Use the longer piece of Velcro® to fashion the sling for the tube. Adjust the sling until the tube is level or has a *slight* upward curve. (see next page)
Trim any excess part of the Velcro®.



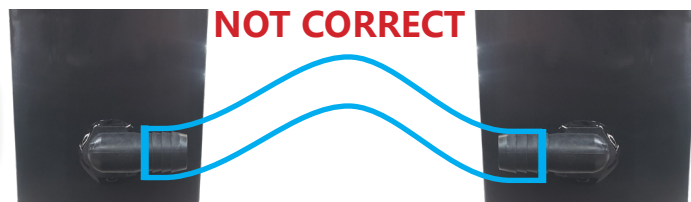
Both the tanks and the tube are perfectly level.



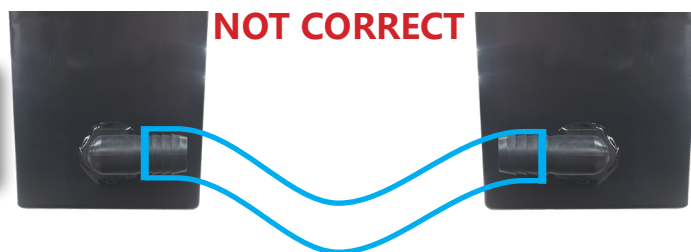
Level tanks with a *slight* dip in the tube. This is acceptable because the tube does not sag below the tanks and the slight dip will prevent air bubbles from getting trapped in the tube.



The hump in the tube will prevent water from transferring properly between the tanks.



While water will transfer between the tanks, the tube hanging down is unsightly and makes it vulnerable to getting snagged.



STEP 4: PLUG IN THE HUMIDIFIERS

Plug a triple adapter into the white outlet on the Humidistat labeled HUMIDIFIER. Plug both the power cords from the Humidifier Heater Bars into the triple adapter.

VERY IMPORTANT

Place the Humidistat 6" from *either* Humidifier tank. It does NOT need to be the same distance from both tanks.

Complete the rest of the installation following the main instructions.

Please remember to tell the piano owner to add 2 cans of water and 2 capfuls of Pad Treatment when they notice the yellow WATER light blinking.

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