



Skuttle®

Indoor Air Quality Products

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**SKUTTLE
HUMIDIFIER
AUTOMATIC
FLUSHING
TIMER**

INSTALLATION INSTRUCTIONS

Congratulations on your purchase of a Skuttle Humidifier Automatic Flushing Timer, the latest development in humidifier technology. This device was designed with the modern homeowner in mind, who because of today's hectic lifestyle has less time to devote to unpleasant and time consuming household tasks such as cleaning and servicing your furnace humidifier.

The Skuttle Humidifier Automatic Flushing Timer will automatically flush (every 12 hours the humidifier will be drained for approximately 7.5 minutes utilizing less than 5 gallons of water per day) accumulated mineral deposits from your reservoir type humidifier.

This will extend required cleaning intervals (in most cases up to a full heating season) depending on the mineral content of your water supply. The Flushing Timer will allow you to enjoy the maximum benefits of healthful, humidified air without the hassle of frequent cleaning that was once normally required.

Caution: All plumbing and electrical connections must comply with all the local codes and ordinances for your area.

For installation on Skuttle reservoir type plenum mounted humidifiers:

- 1.) First locate a suitable waste drain for disposal of flushing water. (Caution: Drain Tubing Must Not Kink Or Come Into Contact With Sharp Edges Or Hot Surfaces.) Also a properly fused electrical outlet must be within 5 feet of the unit's mounting location. Select a suitable mounting location for the Flushing Unit, preferably with a minimum of about 3 feet from humidifier. (Caution: Drain Tubing Must Run On A Continual Down Hill Slope To Allow Proper Drainage And Prevent Any Possible Overflow.)
- 2.) Clean the humidifier as described in the homeowner's manual.
- 3.) Locate and attach drilling template to appropriate corner of water pan for your installation (SEE FIGURE #1) Drill 1/2" DIA. Hole.

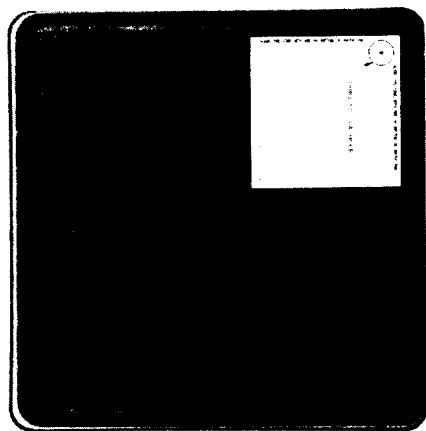


FIGURE 1 RIGHT HAND

Attach the template as shown on the right hand side of the drain fitting for units with the water valve entering the right hand side of the humidifier cabinet.

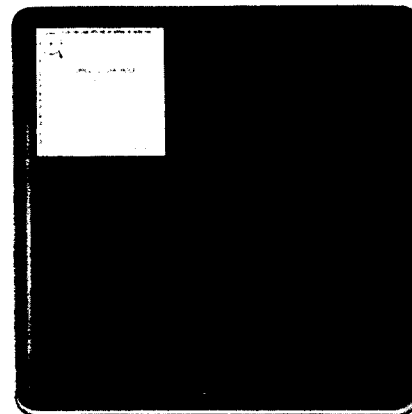


FIGURE 1 LEFT HAND

Attach the template as shown on the left hand side of the drain fitting for units with the water valve entering the left hand side of the humidifier cabinet.

- 4.) Attach drain fittings as shown in FIGURE #2.

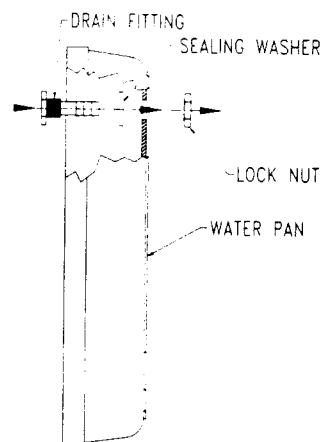
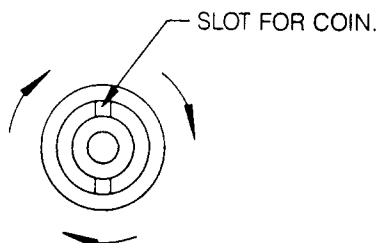


FIGURE 2

- 5.) Remove the unit's cover and attach the unit to the mounting surface (previously selected) with screws provided and reattach cover.
- 6.) Cut a piece of drain tubing to reach from the humidifier fitting to the flushing unit fitting. (Caution: Drain Tubing Must Not Kink Or Come Into Contact With Sharp Edges Or Hot Surfaces.)
- 7.) Cut a second piece of tubing to reach from the flushing unit to the suitable drain previously located. (Caution: Drain Tubing Must Not Kink Or Come Into Contact With Sharp Edges Or Hot Surfaces.)
- 8.) Connect tubing with clamps or suitable fittings required for your installation.
- 9.) Return humidifier to its normal operating mode and properly adjust the water level.
- 10.) Now plug the Flushing Timer into the outlet previously selected.

11.) To check for proper operation activate the unit by very slowly turning (CLOCKWISE) the plastic indicator on the side of the unit (SEE FIGURE #3 FOR A BETTER DESCRIPTION OF THIS PART) with the edge of a quarter. This should activate the dumping valve and allow water to flow from the unit to the drain.



TURN VERY SLOWLY CLOCKWISE.

FIGURE 3

12.) Check all fittings for leaks and tighten if necessary.
 13.) Allow the timer to run for the 7.5 MIN. cycle. This will assure that proper cycle time has been obtained.
 14.) Follow steps 11 thru 13 for draining the humidifier, during cleaning or service.
 Caution: Always Disconnect All Electrical Power Before Servicing Appliance!

For installation on other Skuttle reservoir type humidifiers and competitor's humidifiers:

1.) Follow the previously described instructions with one exception: the drilled 1/2" DIA. hole location will need to be selected by the installer, **Using Extreme Caution Not To Interfer With Moving Parts Or Disrupting The Operation Of The Humidifier.** SEE FIGURE #4-A & 4-B.



FIGURE 4-A

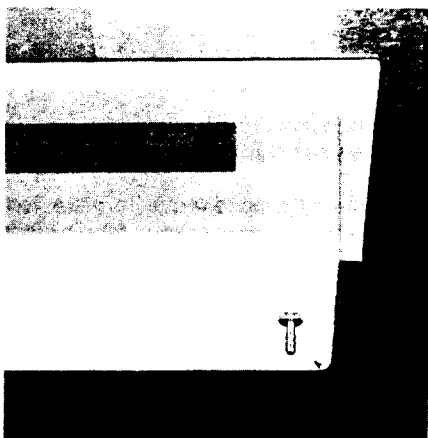


FIGURE 4-B

2.) It also may be necessary to use a hole saw 1" DIA. to cut an access hole to allow the exit of the water pan drain fitting through the humidifier cabinet, SEE FIGURE #5.

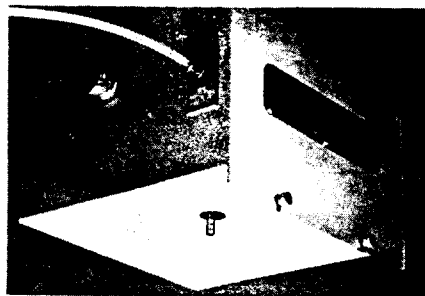
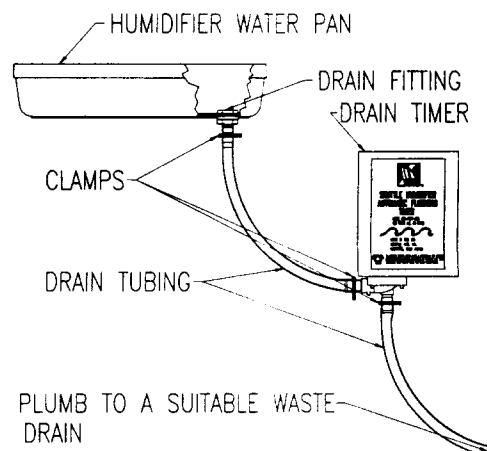
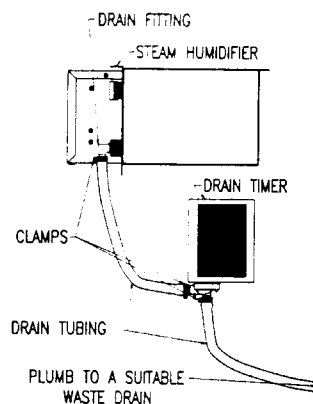


FIGURE 5

For installation on some of Skuttle's competitor's humidifiers, additional fittings will be required, these fittings must be BRASS, or STAINLESS STEEL.



TYPICAL INSTALLATION



NOTICE

Some vibratory noise will be heard if this device is activated prior to a completed installation. This noise will cease when water is present.

Also included is a 90 degree barbed fitting for installation on a **SKUTTLE** Model 60 series steam humidifier. Disregard this fitting when installing on any other models.

For installation on a Model 60 remove the drain valve and install the 90° barbed fitting as shown above.