



Desert Spring Auto Flush System

Designed For Installation With
DS2000, DS2001 Model Humidifier Systems.

INSTALLATION INSTRUCTIONS

INCLUDED COMPONENTS

1- Desert Spring Auto-Flush Timer
3 - ½" Hose Clamps

15 ft. – ½" Drain Hose
3 – Mounting Screws

1-Brass Fitting w/ rubber washer

NOTE: *If you discover any missing components or damage call 1-888-486-4324 between 8 AM and 4 PM MST.*

REQUIRED TOOLS

Screwdriver (Phillips or Robertson), either can be used.

CAUTION: DISCONNECT THE POWER TO YOUR HUMIDIFIER WHEN MAKING THIS INSTALLATION. DO NOT PLUG IN THIS UNIT UNTIL THE INSTALLATION IS COMPLETE. DISCONNECT THE POWER TO YOUR HUMIDIFIER AND THE DESERT SPRING AUTO-FLUSH TIME BEFORE SERVICING OR CLEANING. DO NOT USE THIS DEVICE TO DRAIN EXPLOSIVE OR CORROSIVE MATERIALS.

WARNING: SHUT OFF THE WATER SUPPLY TO YOUR HUMIDIFIER BEFORE INSTALLING THE DESERT SPRING AUTO-FLUSH TIMER. ALL PLUMBING MUST CONFORM TO LOCAL BUILDING CODES. ALL ELECTRICAL CONNECTIONS MUST CONFORM TO LOCAL CODES.

NOTE: If the Desert Spring Auto-Flush timer is turned on before installation is complete the solenoid will generate a vibration noise. Once water is present the noise will cease.

INSTALLATION

Disconnect the power to your humidifier. Shut off the water supply to your humidifier.

STEP 1

Find a location for the unit. You must have a suitable floor drain to run your hose to. You will also require a 120-volt outlet within 5 feet of the unit. For the unit to operate best it should be located at least 3 feet under your humidifier. **NOTE:** Drain tubing must run on a continuous down hill slope to ensure proper drainage. The tubing must not kink or come into contact with sharp edges or hot surfaces.

STEP 2

Clean your surface mount humidifier following the manufacturer's instructions.

STEP 3

Attach the drain fitting supplied (brass barb fitting, rubber washer) to the thread assembly, or the bottom of the ball valve. Note: If attaching to the bottom of a ball valve at the bottom of the drain assembly on the humidifier, the ball valve must be left open for the auto-flush to work.

STEP 4

Remove the timer's cover and position the timer in the previously selected position, mark the mounting hole locations and drill using a 1/8" (0.125") drill bit. Mount the timer with screws provided, make sure the unit is level and in a vertical position. Once the unit is mounted, replace the cover.

STEP 5

Cut a piece off the drain tube supplied, enough to go from the brass fitting to the timer. The remaining tubing is to be used to go from the timer to the drain. Use the hose clamps supplied to connect the tubing. **MAKE SURE ALL TUBE CONNECTIONS ARE SECURE. DRAIN TUBING MUST NOT BE KINKED, COME IN CONTACT WITH SHARP EDGES, OR HOT SURFACES.**

STEP 6

Return the humidifier to normal operation. Reconnect the power and turn the water supply back on. Allow the pan to fill with water.

STEP 7

Plug the Desert Spring timer into the 120-Volt outlet previously selected.

TESTING THE UNIT

To check for proper operation, activate the unit by very slowly turning (clockwise) the plastic indicator on the side of the unit. A coin can be used to turn the indicator. This will activate the valve and allow water to drain. Check all fittings for leaks and tighten if necessary. Allow the unit to complete its cycle to ensure proper operation.

SEASON END MAINTENANCE

When cleaning your humidifier at the end of the season disconnect the power supply to the humidifier and shut off the water supply. Activate the Desert Spring timer as explained in the previous section. Once all the water has drained from the pan unplug the Desert Spring timer.

WARRANTY

Desert Spring Products Limited guarantees the Desert Spring Auto-Flush timer for one year from date of original purchase against defects in workmanship and / or materials. During the guarantee period we will replace any defective product if the product is returned prepaid to our factory at Unit 105, 4715 – 13 Street NE, Calgary, Alberta, Canada T2E 6M3. This guarantee does not apply if the damage occurs because of accident, improper handling or operation, abuse, misuse, unauthorized repairs made or attempted, or use of the product in commercial service.