



DS-AF5 Auto Flush - Installation and Operation Guide

Designed For Installation With All Desert Spring Rotary Disc Humidifier Models.

COMPONENTS INCLUDED

1- Auto-Flush Timer/Valve 8 ft. – 3/8” Drain Hose 1 – 24VAC Plug-in Transformer
1- Drain Adaptor c/w rubber washer 1-Roll Teflon Tape

If you discover missing or damaged components, please call us toll free at 1-888-486-4324 or email us at info@desertspringproducts.com.

REQUIRED TOOLS

Cutting Tool



CAUTION: This device requires a floor drain or must be used in conjunction with a pump to operate. This product is designed only for the intended use as outlined in the manufacturer’s instructions.



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

NOTE: You will require a 110/120-volt outlet within 6 feet of the unit.

INSTALLATION INSTRUCTIONS

STEP 1

Shut off the water supply to your humidifier.

STEP 2

If retro-fitting, thoroughly clean your Desert Spring Humidifier following the manufacturer’s instructions, and remove cap from the bottom of the drain.

STEP 3

Ensure drain locking nut on the humidifier is tight. Apply teflon tape to drain. Attach the timer body to the drain by tightening locking connector.

STEP 4

Apply teflon tape to the bottom connector of the timer and attach drain adaptor (supplied) to the bottom of the timer.

STEP 5

Trim excess drain tube between the bottom of the timer and the floor drain. Drain hose must not be kinked, or come in contact with sharp edges or hot surfaces.

STEP 6

Turn water supply on. Allow the humidifier basin to fill with water. Check all connections for leaks.

STEP 7

Plug the Auto Flush transformer into nearest 110/120-volt outlet. Run wire from the transformer to the Auto Flush and plug into the bottom of the timer unit. If plugged in correctly the blue power LED will light.

TESTING THE UNIT

Press and release the 'Test/Reset button on front of Auto Flush unit. The valve will energize and open for a period of 90 seconds, after which it will automatically close.
The next cycle will be in approximately 48 Hours.

USING THE AUXILIARY POWER SOURCE

The DS-AF5 timer is equipped with an auxiliary power supply that can be used to power the humidifier motor. To connect the motor to this power source use the following instructions.

1. Disconnect old power source/wiring from humidifier motor, if applicable.
2. Run 18/22 gauge wire from one side of the power source to one leg of the humidistat. (Wire not supplied)
3. Run 18/22 gauge wire from second side of power source to one leg of the motor.
4. Connect the second leg of the motor to the second leg on the humidistat.

Note: Because power is 24VAC it does not matter which leg of humidistat /motor is connected to the power supply.

SEASON END MAINTENANCE

Turn water supply OFF to humidifier. Turn humidistat setting to OFF. Initiate TEST mode on Auto Flush to drain water from humidifier basin. Once system is completely drained, unplug Auto Flush transformer from wall outlet. (Also see Humidifier Manual)

WARRANTY

Desert Spring Products Limited guarantees the Desert Spring Auto Flush drain system for one (1) year from date of original purchase against defects in workmanship and/or materials. This warranty is void if the unit is damaged by careless handling, improper use, non-standard operating conditions, improper maintenance, unauthorized repairs or if the product has been tampered with. This warranty is limited to repair or replacement of the Auto Flush unit at the discretion of the manufacturer. No other warranty is offered or implied. This warranty is not transferable. A receipt of purchase or record of installation must accompany all warranty claims.

POWER FAILURE

In the event of a power failure, the timer is reset.

THANK YOU FOR CHOOSING DESERT SPRING PRODUCTS.

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DISCLAIMER

Except as expressly stated in this manual, Desert Spring Products Limited makes no representation or warranty with respect to the Auto Flush unit and disclaims all implied warranties including any warranty of merchantability or fitness for a particular purpose. In no event will Desert Spring Products Limited be liable to any customer or user of the humidifier for any indirect, incidental, or consequential damages or loss of revenues or profits, whether the same are foreseeable or not, occasioned by any cause whatsoever including, but not limited to, the installation or operation of this Auto Flush unit. © 2006