



Specialty Cabinetry & Millwork

Guardian Room Humidification System Installation Instructions

Parts:

- 1) Humidity Control Module With Sensor
- 2) Humidifier
- 3) Sensor Anchor Kit
- 4) Control Module Mounting Screws
- 5) Instruction Manual
- 6) Warranty Card

I. Sensor Placement:

1. The Sensor should be placed on or near the ceiling of your humidor. It can either be placed on a shelf near the ceiling or attached directly to the ceiling using the sensor attachment kit.
2. The Sensor should be placed as close to the center of the room as possible. It is acceptable to place the unit in the middle of the longest wall of the room. For example, in a 6' x 8' room, the Sensor could be placed near the ceiling and along the middle of the 8' wall.
3. If mounting the Sensor to the wall or ceiling, simply utilize the kit included with your system.

II. Humidifier/Control Module Set Up:

1. Once the Sensor location has been selected, it is time to determine the placement of the Control Module.
2. The Control Module should be placed in a location that is convenient to access and that allows for proper Sensor & Humidifier locations. It is acceptable to use an insulated extension cord to allow the control module and humidifier to be located further apart.
3. Insert the feet into the humidifier.

4. Place the Humidifier on the floor as close to the center of the room as possible. It is acceptable to move the unit out of a traffic area by placing it on the floor along the center of the longest wall. **Plug the system into a surge protector that is attached to a grounded outlet.**
5. Do not place any shelving or other obstructions above the humidifier. Allow for at least 18" of space above the unit.
6. If installing an auto-fill system, perform the cold water supply connection to the ¼" compression fitting on the needle valve on the end of the water tank. Make sure that all connections are watertight. The proximity of your water supply should not restrict the unit's location. Additional water line can be used if necessary.
7. Turn the water supply on by turning the needle valve counter clockwise. The water reservoir will begin filling and will stop once the water level has reached the float switch shut off point.
8. This step applies only to the system without the auto-fill feature. When the reservoir is empty, the empty light will come on and the fan will stop running. Remove the fan housing from the top of the unit and fill the reservoir until the water level is up to the wavy line on the wick frame assembly. **DO NOT OVER FILL**. When the humidifier is full, the float switch will allow the unit to run and the empty light will shut off.
9. We recommend using Vigilant Bacteriostat when re-filling the reservoir. Plug the humidifier into the outlet in the bottom of the control module and set the fan speed on the humidifier to high. The system is now operational.
10. Plug the Control Module into a 110V AC household outlet. The Control Module will run through a start-up sequence and will begin displaying the actual humidity in the humidor within ten seconds.

III. Operating The System:

- The Guardian system has been set to a conservative 67% relative humidity.
- Run the system at the pre-set level at least 24 hours before adding your cigars to the humidor. The initial digital reading may be much lower than 67%.
- The humidifier may take more or less than 24 hours to reach and maintain 67% depending on the conditions and configuration of your space.
- The humidifier will use large amounts of water during the seasoning stage of 3 to 4 days. Once the humidor has been seasoned, water use will decrease.
- If you choose to make an adjustment to the humidity level, **limit the change to no more than 2% in a seven-day period.**

- It is recommended that you do not set the humidity level above 72%. Cigars stored at humidity levels higher than 72% can become soft and moldy.

IV. Adjusting Humidity:

- Your Guardian Humidification System has been pre-set at 67% relative humidity and operates on a range (hysteresis) of approximately 2%. The system, therefore, will operate between 66% and 68%, as set. As the control system is fully automatic, you will need only to be familiar with is the set-point adjustment.
- Your system should be run at the pre-set level, with cigars in the cabinet, for at least two weeks before adjusting the humidity. **If you choose to make an adjustment, limit the change to no more than 2% in a ten-day period.**

The digital display will indicate the actual humidity level inside of your humidor. To view and/or adjust the set point, please read these instructions through before proceeding, and simply follow these steps:

- 1) Depress briefly the far left = key to access the set point adjustment.
- 2) The display will flash back and forth between “SP” and the current set point (your humidor was factory set at “67”).
- 3) To adjust the humidity upward, depress the ↑ key until your desired level of humidity is reach.
- 4) To adjust the humidity downward, depress the ↓ key until your designed level of humidity is reached.
- 5) If you go past your desired level of humidity, you may reverse direction by depressing the opposite key.
- 6) Once the desired level has been reach, depress the = key on the far right to exit the set point menu.

V. Maintenance:

1. The water reservoir and wicking filters should be cleaned and changed every three to four months. Wicking filters are available through our parts department and can be ordered using the enclosed form or call us at 888-812-4427.
2. To gain access to the lower reservoir and wicking filter, simply lift the fan housing off of the humidifier and lift the filter out of the slot in the end of the reservoir. Never use chemicals or bleaches when cleaning the reservoir.

VI. Suggestions:

The installation of your Guardian System will directly affect its performance. Here are some factors to consider when installing:

- Do not block the airflow of the humidor fan. Shelves or boxes of cigars should be at least 18" above the fan.
- Do not block the sensor by stacking boxes or placing shelves in front of it.
- Keep the water reservoir and wicking filter in the humidifier clean by servicing at least every four months.
- Avoid frequent opening of the humidor door. If the humidor is used for commercial environments, nighttime recovery will be crucial for maintaining an optimum environment.

THE VIGILANT TOLL FREE CUSTOMER SERVICE NUMBER IS 888-812-4427.

PLEASE CALL US WITH QUESTIONS OR COMMENTS!



Vigilant Woodworks

85 Industrial Park Drive

Dover, NH 03820



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