



Vigilant Guardian 2.8 Humidification System

Operating Instructions





Guardian Humidification System Operating Instructions

Congratulations! You have purchased the finest cigar humidification system ever created for the preservation of premium cigars. The Guardian Humidification System has been designed to provide your premium cigars with the optimal storage environment. The Guardian microprocessor constantly monitors the humidity level of your cabinet interior and will maintain the relative humidity (RH) to within 2% of your desired setting.

Should you have any questions regarding the installation or operation of Vigilant's Guardian Humidification System, please call us toll-free at 888-812-4427. We will be happy to assist you.

Please read this entire manual before operating your Guardian Humidification System. By following these instructions, you will guarantee the proper conditions for your prized cigar collection.

Parts

- Humidification system – consists of water reservoir, controller, and sensor
- Zip ties (2)
- Wire anchors (5)
- 24-volt wall adapter
- Wicking filter (located inside system)



Installation and Start-Up Operation

IMPORTANT:

- DO NOT OVERFILL THE RESERVOIR AS OVERFILLING WILL CAUSE DAMAGE TO YOUR CABINET!
 - DO NOT POUR WATER ON THE FAN THIS CAN CAUSE DAMAGE TO THE ELECTRONICS.
 - DO NOT MOVE CABINET WITH WATER IN IT.
1. Remove all packing material from the reservoir area and make sure the parts list is complete. Leave the white mesh wicking filter in the reservoir.
 2. Place the Guardian Humidification System in the bottom of your cabinet.
 3. Insert the small end of the power cord through a hole in your cabinet and plug it directly into the power jack on the side of the controller of your system.
 4. Placement of sensor: Determine a suitable location for the sensor, preferably two-thirds up from the back panel or side wall, and/or as close to the horizontal center of the back panel as possible.
 5. Extra support for the sensor can be gained using the included wire anchors and zip ties.
 6. Slowly fill the reservoir with distilled water to the max fill line. The reservoir is outfitted with an overflow vent that will prevent damage to your system. Make sure that the white mesh wicking filter is sitting vertically upright in your reservoir.
 7. Plug your humidification system into a surge protector that is attached to a grounded outlet. The digital display will activate within 6 seconds and a 10-minute stabilization program will begin.
 8. Next, the unit will automatically begin to operate at the **factory set point of 67% relative humidity**. Allow the unit to run at the factory set point for at least 24 hours before making adjustments.
 - The system will use large amounts of water during the first several days of operation. Once the humidor has been seasoned (3 – 4 days), water use will greatly diminish.
 - It is recommended that you do not set the humidity level above 70%, as cigars stored at humidity levels higher than 72% can become soft and moldy.
 - If you choose to make an adjustment to the humidity level, limit the change to no more than 2% in a 10-day period.



Adjusting the Humidity

Your Guardian Humidification System has been pre-set at 67% relative humidity and operates on a range (hysteresis) of approximately 2%. The system will thus operate between 66-68%, as set. The control system is fully automatic, so the only control feature you need 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 make an adjustment, limit the change to no more than 2% in a 10-day period.

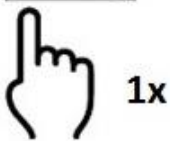
NOTE: Loading the cabinet with moist cigars may temporarily bring the relative humidity above the set point range on the system.

The digital display will indicate the actual humidity level inside your humidor. To view and/or adjust the set point, read this manual completely before proceeding then simply follow these steps:

TO VIEW THE SET POINT

1. Press circle arrow key once.
2. Press and hold the circle arrow key. The current set point will be displayed.
3. Release the circle arrow key and the display will revert to normal.

Press  once to enter
Set Point Mode



Press and hold  to view
current Set Point



Release the  button



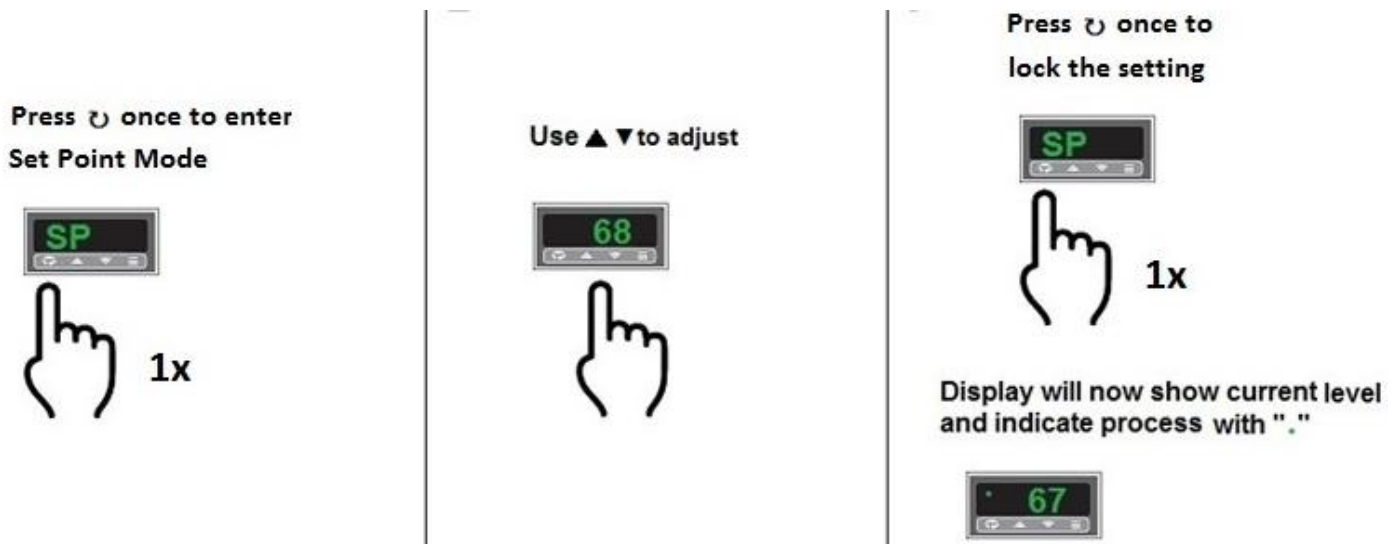
The Display will revert to current
RH%





TO ADJUST THE SET POINT

1. Press the far-left circle arrow key to view the current set point.
2. To adjust humidity upward, tap the ↑ key until desired level of humidity is reached.
3. To adjust humidity downward, tap the ↓ key until desired level of humidity is reached.
4. Press the far-left circle arrow key to lock the new set point.



Maintenance of Reservoir and Wicking Filter

When the red LED low water indicator is on, it is time to fill the water reservoir. Frequency of filling will vary depending on climatic conditions and cabinet size.

As the reservoir and wicking filter(s) are constantly exposed to moisture and dirt collected from the circulating air, they must be cleaned periodically. We recommend that you clean the reservoir and filter each time you add distilled water.

1. Unplug the system from its power outlet before you begin cleaning the reservoir and filter.
2. Remove the humidification system from your cabinet, being careful not to spill any water on your humidor. Remove the thumbscrews, lift the cover off and remove the filter.
3. Wipe the walls of the reservoir with a damp paper towel
4. Wicks should be changed every 90-120 days and can be ordered directly from Vigilant's online store at <http://shop.vigilantinc.com/>.
5. Insert clean filter into the reservoir and return it to your cabinet.
6. To fill the reservoir, add DISTILLED water through grommet opening. Never overfill the reservoir. Watch the water level carefully while filling. Slowly fill reservoir to the max fill line.



Suggestions

The installation and maintenance of your Guardian Humidification System will directly affect its performance. Here are some factors to consider:

- Do NOT block the system fan airflow. Shelves or boxes of cigars should be at least 4" above the fan.
- Do NOT block the sensor by stacking boxes or other impediments in front of it.
- Keep the water reservoir and wicking filter clean by servicing at least every 90-120 days.
- Avoid frequent opening of your cabinet door(s). If the humidor is used for commercial environments, nighttime recovery will be crucial for maintaining an optimal environment.

TROUBLESHOOTING

Cabinet appears not to maintain desired humidity level

- Check the set point adjustment by tapping the far-left key on the control panel. If the set point is not at your desired relative humidity level, reset by following the "Adjusting the Humidity" instructions.
- Check the seal(s) of the door(s) and drawer(s) of your cabinet. The system may not be able to maintain adequate humidity levels in a cabinet that is not airtight.
- Check the water level in the reservoir. If it is empty, the red LED should be lit. If not, carefully fill your reservoir to approximately 1" below the overflow hole.
- Be certain that fan and airflow intake are clear of any obstructions that could impede air circulation.
- Verify that the wicking filter is vertically positioned inside the reservoir.

Cigars are too moist or too dry

- Your humidity set point is too high or too low.
- Remember that the system will run up to 2% above the set point. It is recommended that the system is started at the pre-set level of 67% RH to maintain an interior humidity level between 66-68%.

Fan does not work

- Check power source and connections.
- If the set point is below the humidity level of the cabinet's interior, the fan will not run.
- Press the far-left button on the control panel to check set point.

If these troubleshooting recommendations do not correct the problem, call Vigilant at 888-812-4427 and a service representative will gladly assist you.

Warranty

Register your warranty online at vigilantinc.com/warranty

Vigilant Limited Two-Year Electronics Warranty

Upon registering your system with Vigilant, your Vigilant electronics are covered under our limited two-year warranty. All Vigilant electronic products are guaranteed to be free from defects in materials and/or workmanship for up to two years from date of purchase. Vigilant, at its sole discretion, may repair or replace defective components or products within this two-year period.

Any and all component(s) determined to be defective by Vigilant, must be returned at the owner's expense to Vigilant along with a copy of the original sales receipt.

Conditions to Vigilant's 2-Year Electronics Warranty

- Vigilant is not responsible for damage incurred during a product's return as a result of improper packaging. It is strongly suggested that all original packaging material from Vigilant be retained for returns.
- Vigilant is not responsible for any damage to property that results from the failure of a Vigilant product or product component.
- Vigilant warranty does not pertain to any customer-applied finishes, or any damage caused by neglect, abuse, misuse, improper operation, or unforeseen circumstances.
- Vigilant warranty is considered null and void if the online warranty registration is not completed within 60 days of receipt of your product.
- Vigilant warranty is non-transferable and valid for the original owner only.

Vigilant is a reseller for many fine products in the industry. Products resold by Vigilant carry the original manufacturer's warranty.

Please contact Vigilant at 888-812-4427 if you have any questions about your warranty. Learn more about our warranty details at vigilantinc.com/guarantee.