

ACOUSTIC REMEDY

VIGILANT HUMIDIFIER OWNER'S
MANUAL



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Congratulations! You now own one of the finest Humidification Systems ever created for the preservation of stringed instruments. All of our systems have been designed to provide your premium instruments with the optimal storage environment.

The Sentry Humidification System constantly monitors the humidity level of your cabinet interior and will maintain the relative humidity to within 5% of your desired setting at all times.

If you have any questions regarding the installation or operation of your Sentry Humidification System, please us at the phone numbers below. In addition, Vigilant can be reached toll-free at 888-812-4427 and they will be glad to assist you.

Adam: 608-406-9860

Ryan: 651-341-9955

Please read this entire manual before operating your Sentry Humidification System. By following these instructions, you will guarantee the proper conditions for your precious collection of fine instruments.

Parts

- Control Module with Reservoir•Wicking Filter (in reservoir)
- 24 Volt Wall Adapter•Instruction Manual / Warranty Card
- Wicking Filter (in reservoir)
- Instruction Manual / Warranty Card

Installation

1.) Remove any 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 Sentry Humidification System in the bottom of your ClimaCab. Insert the small end of the power cord through a hole in your cabinet and plug it directly into the power jack on the front/top of the control module of your system.



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- 4.) Turn the system on by plugging the power strip cord leaving the back of your ClimaCab into a 110V AC household outlet. The red time-to-fill LED will illuminate immediately. Make sure that the wicking filter is sitting vertically upright in your water reservoir.
- 5.) Slowly fill the water reservoir with DISTILLED water until the red time-to-fill LED turns off. Slowly add 2½ cups (20 ounces) more water after the LED shuts off. The reservoir is outfitted with an overflow vent that will dispense water into your ClimaCab rather than into the electronics compartment. Add a couple drops of bacteriostat each time you fill. You can purchase it by scanning the QR code at the end of this document. **DO NOT OVER FILL THE RESERVOIR, AS OVERFILLING WILL CAUSE WATER DAMAGE TO YOUR CLIMACAB! DO NOT POUR WATER ON THE FAN IT MAY CAUSE DAMAGE TO THE ELECTRONICS.**

Operating the Sentry Humidification System

- 1.) Allow the Sentry Humidification System to operate at the pre-set level for at least 1 hour before adding instruments to your ClimaCab. The initial digital reading will be much lower than 50%, but will rise upon starting the system.
- 2.) The system will consume large quantities of water during the seasoning stage of the first 24-48 hours as the instruments and ClimaCab come to equilibrium. Therefore, it is important to keep the reservoir filled at all times.
- 3.) The Sentry Humidification System requires that you adjust the humidity level in response to the independent LCD hygrometer. Close your ClimaCab door(s) and allow the system to run for several hours. When the fan stops running, the system has reached the set-point level and you should now note the humidity reading on your hygrometer.
- 4.) It is recommended that you do not set the humidity level above 50%, as instruments stored at humidity levels higher than 55% can start to exhibit issues with over humidification.



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Adjusting the Humidity Level Upward

If the humidity reading on the hygrometer is below your desired level, slowly turn the Control Knob clockwise until the fan starts running and close the ClimaCab door(s). Repeat this process every few hours until you have reached your desired level and make adjustments in small increments. It may take more or less than 24 hours to reach and maintain your desired level, depending on several factors.

Adjusting the Humidity Level Downward

When the fan stops running and the reading on the hygrometer is above your desired level, slowly turn the Control Knob counter-clockwise 1/8 turn and close the ClimaCab door. Repeat this process every few hours until your desired humidity level has been reached and make adjustments in small increments.

REMEMBER, IF YOUR SYSTEM HAS BEEN RUNNING AT A HIGHER LEVEL FOR AN EXTENDED PERIOD OF TIME, IT MAY TAKE SEVERAL HOURS FOR THE HUMIDITY LEVEL IN YOUR CLIMACAB TO DROP TO YOUR NEW SETTING.

To achieve rapid drops in humidity levels, assuming your house is lower than the ClimaCab interior, you can open the doors and allow air exchange.

Maintenance

- 1.) When the red LED indicator light is on, it is time to fill the distilled water reservoir. Frequency of filling will vary according to climatic conditions and the size of the humidified space (between 14 and 60 days).
- 2.) Slowly fill the water reservoir with DISTILLED water until the red time-to-fill LED turns off. Slowly add 2½ cups (20 ounces) more water after the LED shuts off. The reservoir is outfitted with an overflow vent that will dispense water into your ClimaCab rather than into the electronics compartment.



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Maintenance Continued....

DO NOT OVER FILL THE RESERVOIR, AS OVERFILLING WILL CAUSE WATER DAMAGE TO YOUR CLIMACAB! DO NOT POUR WATER ON FAN.

3.) Be certain to keep the cover plate on at all times except when performing maintenance to prevent damage to the air-circulating fan.

4.) The reservoir and wicking filter should be cleaned every 90-120 days (See below).

Maintenance of the Reservoir and Wicking Filter

1.) When the red LED indicator light is on, it is time to fill the water reservoir. Frequency of filling will vary depending on climatic conditions and the size of your cabinet. As the reservoir and wick are constantly exposed to moisture and dirt collected from the circulating air, they must be cleaned periodically. We recommend that you inspect the reservoir and wick each time you add distilled water.

2.) Unplug your system from its power outlet before you begin cleaning the reservoir and wick.

3.) Simply remove the humidification system from your cabinet, being careful not to spill any water on your ClimaCab.

- If your system has a removable reservoir cover, remove it.
- Take the wick(s) out of the reservoir.

4.) Wipe the walls of the reservoir with a damp paper towel. Rinse the wicking filter thorough with soap and hot water. Do not use bleach or other chemicals.

5.) Wring out the wick(s). If you notice that the wick did not wash clean, it should be replaced. Wicks should be changed every 120 days and can be ordered directly from the QR code at the end of this Owner's Manual.



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Maintenance of Reservoir and Wick Continued....

6.) Insert a clean wick(s) vertically into the reservoir. If your system has a removable cover, replace it on top of the reservoir.

7.) Fill the reservoir as previously instructed, making sure that you do not overfill. **IMPORTANT DO NOT POUR WATER ON FAN.**

Answers to Trouble Shooting Questions

Why is my ClimaCab not maintaining desired humidity level?

- Turn the Control Knob clockwise 1/8 turn or until the fan starts and close the door. Wait ten minutes and check to see if the humidity level has risen. If it has, follow instructions above on "Adjusting Humidity Level Upward" until your desired level is reached.
- Check the water level in the reservoir. If it is empty, fill the reservoir as previously instructed.
- Be certain that the fan and airflow port are clear of any obstructions which can impede air circulation.
- Verify that the wick is vertically positioned inside of the reservoir.
- Follow the instructions above for "Adjusting Humidity Level Downward".

Why is the fan not appearing to work?

- Check power source.
- Turn the Control Knob clockwise until it stops. The fan should run at this setting. Turn the Control Knob counter-clockwise until the fan shuts off. If you wish to adjust the humidity level, follow the instructions for "Adjusting Humidity Level" above.

What about warranty on the system?

- Vigilant's Sentry Humidification Systems are covered by a Two-Year Limited Warranty on parts and service. Please refer to the enclosed Warranty Registration Card for details.



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Where can I buy more wicks?

- Scan this QR code to purchase more wicks. Please note: All Petite and Traditional size ClimaCabs use the Sentry 10 and Grand size and larger use the Sentry 100

Sentry 10 Wicks



Sentry 100 Wicks



Why am I seeing mold on the wick?

- You may have forgotten to use the bacteriostat. Please make sure to use a few drops each time you fill the reservoir. You can purchase it by scanning the QR code below.



A large, stylized monogram 'AR' in a black serif font is centered within a white rectangular frame. The frame is decorated with a black double-line border and four corner ornaments, each consisting of a 3x3 grid of squares. The entire graphic is set against a background of a dark brown, vertically-grained wood.

AR