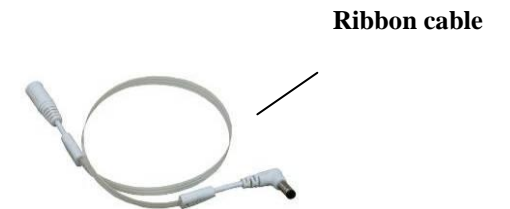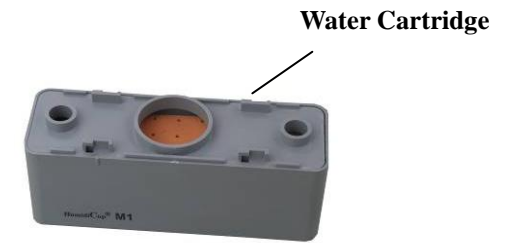# HumidiCup ®

Electronic Cigar Humidifier S1 & M1 User Manual

- **Electronic humidification system for Humidors or cigar cabinets**

- **Precise humidity measurement and control**

- **Audio & display alarms for fan error or lack of water**

- **Low power consumption（1 Watts max.）**

- **Easy-to-Use**

Control Unit

Water Cartridge

AC/DC Adaptor

Ribbon cable

⚠ CAUTION

- **To prevent accidents arising from the misuse of this humidifier, read this manual thoroughly and be sure you understand it before attempting to use the humidifier and use the humidifier according to the information provided.**
- **Avoid water to get into the control unit. The product may operate in an unexpected manner, resulting in damage to the product or resulting in accidents with water get into the control unit.**
- **Dry the control unit if there is any water get into the control unit.**

1. Installations

Step #1, The Cigar Humidifier S1 or M1 you received is assembled product. You need remove all plastic packaging. Hold the gray water cartridge by one hand and sliding pull back white control unit slightly toward LED by another hand and take it off from the water cartridge

Step #2, Fill water cartridge with **distilled water** slowly until floral foam inside cartridge is fully saturated. Pour out any excess water from cartridge and wipe dry the outsides of the cartridge.

Step #3, Locate control unit to water cartridge. Hold water cartridge by a hand and sliding push control unit slightly toward logo on control unit to lock it with water cartridge. There is an align mark on control unit and water cartridge. Make sure the marks are aligned.

Step #4, Power cord connection. The humidifier works with 5VDC voltage supply. An AC/DC adaptor and an USB cable has been provided to convert 100~240VAC into 5VDC for the humidifier. Connect USB port of USB cable to the AC/DC adaptor and connect the DC connector of USB cable to "5VDC in" power port on control unit directly or through the ribbon cable that is for limited spacing for cable passing through.

Step #5, Plug the adaptor to power supply socket to run the humidifier.

- You may use a 5V battery as the power supply of the humidifier. The battery should not be with the function that shut down without current.
- External fan is available as optional part that is for cigar cabinet with large size to improve air circulation in the storage environment. There is an "External fan/5VDC out" port on the side of control unit. This port can be connected to an external fan as the power supply of external fan and also can be used as electronically parallel connection with another S1 or M1 humidifier.

2. Setting

There are three rubber keys for setting on top of the control unit. The humidifier is factory set at 70%RH and can be adjusted by user to any value from 60%RH to 80%RH. Key "▲" is to increase the humidity setting value. Key "▼" is to decrease humidity setting value. The LED displayed humidity value is the humidity value measured by the sensor inside adding with calibration value. The fan will run to blow the moist airflow to humidor or cigar cabinet when the LED displayed humidity value is lower than humidity setting value. The fan will stop when the LED displayed humidity value is equal or higher than humidity setting value. Key "**C**" is for Calibration. You may adjust calibration value if you are sure the LED displayed humidity value is not accurate as another humidity meter on your hand. The factory default calibration value is zero You may click key "**C**", and you will see the calibration value displayed from LED, within approx. 3 seconds, to press Key "▲" or "▼" to increase or decrease the calibration value by **0.1** step in a range of **-5.0** to **+5.0**. For example, if you are sure the displayed humidity value from the humidifier is 2%RH higher than the humidity value measured by a high accurate humidity meter, you may set calibration data as **-2.0** , and then the displayed humidity value on the humidifier will be measured humidity value plus with the calibration data **-2.0**. The setting value will not be lost even the humidifier be power off or re-power on.

3. Alarms

There are two alarms for internal fan error and lack of water. LED will display "⸤FAN⸥" and buzzer will alarm to indicate "**Fan error**" issue in case of internal fan is failed. LED will display "⸤H2O⸥" and buzzer will alarm to indicate "Lack of water" issue in case of the measured humidity value is 10%RH at least lower than humidity setting value for one hour at least that mostly is caused by lack of water. Alarm "**Lack of water**" could be happened in case of the size of your humidor or cigar cabinet exceeds the capability of the humidifier or the humidor/cigar cabinet is not sealed well.

4. Location

You may put the humidifier in your humidor or cigar cabinet after the humidifier has been installed and set. Make sure the air paths of the humidifier have not been blocked. Keep at least 1 inches (2.5cm) clearance from the vent of humidifier to cigars or lid. Cigars should not be stacked upon the humidifier.

5. Warranty

Smart-lion Tech. Ltd. Co. warrants goods of its manufacture as being free of defective materials and faulty workmanship. If the warranted goods are returned to Smart-lion during the warranty period of one year after date purchase, we will repair or replace the electronic parts without charge those items it finds defective. The warranty only applies to original purchaser at retailed and may not be transferred.