

# **CIGAR OASIS** ULTRA ELECTRONIC HUMIDIFIER

## **OWNERS MANUAL**

### **CONGRATULATIONS!!**

You now possess the newest most precise, most technologically advanced cigar humidification system available in the world today. **CIGAR OASIS** ULTRA will keep your cigars at the optimum relative humidity indefinitely for your smoking pleasure.

**CIGAR OASIS** ULTRA will keep your cigars "Always Fresh".

**CIGAR OASIS** ULTRA uses no chemicals for controlling the humidity. **CIGAR OASIS** ULTRA uses only pure distilled water.

So, follow a few simple instructions for installing **CIGAR OASIS** ULTRA in your humidor. Give your cigars a little time to bask in their newfound perfect environment of your humidor. Then sit back, relax, and enjoy your cigars as you've never enjoyed them before.

### PUTTING YOUR ULTRA TO WORK

**CIGAR OASIS** ULTRA is shipped complete with the control unit and water cartridge, ready for placing in your humidor. See Diagram A. The replaceable cartridge is already filled with distilled water. The water cartridge is replaceable or refillable. Also included are the battery pack, line power transformer and ribbon cable with connector. To get your **CIGAR OASIS** ULTRA installed and operating, follow these simple steps using diagrams A & B for your guidance:

- Mount the **CIGAR OASIS** ULTRA to suit your humidor configuration, on the lid (door), or set on or under the tray, shown in diagram B typical locations.
- To start, use line power operation, plug in adaptor to wall outlet. Connect ribbon cable connector to adaptor and plug ribbon cable into **CIGAR OASIS** ULTRA. Once everything comes up to desired humidity, then you can switch to battery operation or stay on line power.
- For battery operation, place battery pack inside or in back of humidor and connect cable to **CIGAR OASIS** ULTRA.
- Unit can operate either with line power or battery power.
- Humidity is preset at the factory to 70%. To adjust the set point up or down, press buttons indicated in diagram A, ▲ or ▼ to desired setting.
- Depress ☀ mode button to display humidity, when operating on battery power.
- When operating on battery power, there is a special program to put unit to sleep to save battery consumption so humidity readings are delayed up to 5 minutes.
- When operating on line power, the humidity is displayed continuously, and may be turned off by depressing the ☀ mode button.
- When a beeping sound is heard, depress the ☀ mode button and the alarm display is activated. If water cartridge is running out of distilled water, H2O will be displayed, and when battery is low, LO will be displayed and a beep will sound. It is time to refill or replace cartridge and/or batteries.
- The black water cartridge is easily removable by pulling back on latch and lifting up to remove it. You may purchase a replacement cartridge or refill it with distilled water. **IMPORTANT: WHEN REFILLING, YOU MUST FOLLOW THE INSTRUCTIONS AT [www.cigaroasis.com/customer-support/troubleshooting.html](http://www.cigaroasis.com/customer-support/troubleshooting.html).**

## LOCATING THE ULTRA

The **CIGAR OASIS ULTRA** is designed to be mounted on the lid (door) of the humidor using magnetic plates that are mounted on the lid and unit for ease of mounting and removal handling. The unit may also be located laying flat on a tray or under a tray, but be sure that fan inlet and air outlet are not blocked.

The **CIGAR OASIS ULTRA** can operate on line power and it is suggested when it is first installed that you keep it online power for 2-3 days until the humidity is stabilized. For new humidors, it is suggested that you wet down the inside surfaces with a wet towel to season it well in order to extend the water cartridge life.

The battery pack is furnished with self-adhesive Velcro and can be mounted in the back of the humidor and the ribbon cable then can be connected to the unit. This also offers the advantage that when batteries need to be replaced; you can hook up to line power by removing the battery pack jack and plugging in the power jack. The battery pack can also be mounted immediately below the **CIGAR OASIS ULTRA** on the door lid. If you mounted on a tray or under a tray, the battery pack may still be mounted in the back of the humidor or place it conveniently flat, as it takes about 1 cigar space. The distilled water is sealed so the unit can be located in any position, without concern for causing leaks (see Filling your cartridge instructions).

## HOW THE CIGAR OASIS ULTRA WORKS

The unique design of the **CIGAR OASIS ULTRA** is unequaled by anyone with a flow pattern and sealing valves that make it possible, so that you only use water when the humidity drops below the set point, thus extending life of the cartridge. It is microprocessor based with a digital display and audible and visible alarms. It uses a calibrated sensor that senses the humidity and based on your set point, the unit will add humidity when it drops below the set point to bring it up to the desired humidity. The humidity is preset at our factory at 70% and may be adjusted up or down by pressing the arrows ▲ for up ▼ for down.

## OPERATING ON AC POWER

When unit is plugged in on line power, the unit runs continuously and measures and displays the humidity continuously. If you want to turn off the display you may press the mode button ☀ and the display will turn off and vice versa. In this mode of operation, the system responds faster because it is operating all the time.

## OPERATING ON BATTERY POWER

When the unit operates on battery power, special design features are incorporated to save power and extend battery life; therefore on battery power the unit brings the humidity to the set point and stays there for a very short while, then “goes to sleep” i.e. power is shut down. Every five minutes, the system “wakes up” and checks the humidity and if it is on the set point or above, it goes back to sleep until the next five minute cycle. If it is below the set point, it will turn on the unit to control the humidity as described above. In this mode, the display is turned off and may be turned on by depressing the mode button ☀ which will automatically turn off after a few seconds. Turning on the display consumes power and shortens like, so be mindful not to overdo it.

## ALARM INDICATIONS

The **CIGAR OASIS ULTRA** has a built-in audible and visual alarm to indicate when your batteries are low or distilled water is running out. When either condition arises, a beep will sound intermittently. This alert then needs to be confirmed by pressing the ☀ button and the display will flash either LO for low battery or H2O for low water.

## FILLING OR REFILLING YOUR CARTRIDGE

The Best way to refill the cartridge is to soak it in a bowl of distilled water for 4 minutes. When time's up, take it out and let it stand on the counter another 2 minutes. Then, turn it over the sink and let any loose water drain out. Dry off the top of it and snap it back together on the control water. There must be NO LOOSE visible water anywhere.

Note that the cartridge may be refilled several times, but you will not that it will not last as long as the previous time. The reason for this is that the molecular structure of the foam breaks down and reduces the capacity to absorb the distilled water. Further, the water cartridge is treated with an anti-fungal agent which is also consumed over time, therefore it is strongly recommended that you purchase a spare water cartridge for ease when you refill and eventually need to replace the water cartridge.

## SEASONING YOUR HUMIDOR

**CAUTION: SEASONING & REFRESHING YOUR HUMIDOR CAN ONLY BE DONE WITH WALL OUTLET POWER!**

New humidors, or humidors which have been allowed to dry out, require “seasoning” to prevent the dry wooden interior from removing moisture from your cigars. It is strongly recommended that you wet down your inside surfaces of the humidor with a sponge or rag and then, only then turn on your **CIGAR OASIS ULTRA** which will automatically complete the “seasoning” of your humidor. Simply allow the unit to operate unattended in the empty humidor with the lid closed for 3 to 24 hours, depending on humidity level and size of the humidor. This will consume extra water from the cartridge and thus can somewhat shorten the life of this first cartridge.

## FRESHENING YOUR HUMIDOR

Most passive humidification devices use volatile chemicals which, in time, can permeate and contaminate your humidor and your cigars. Remove cigars and store temporarily and let **CIGAR OASIS ULTRA** run with lid open for 30-60 minutes, then place the cigars back in and close the lid.

## PRECAUTIONS

- Never start “dried” cigars in a humidor at 70%. To do so may split the wrappers.
- Never place a humidor where it will be subjected to air drafts or sudden or extreme changes in temperature. Sudden changes in temperature may cause condensation to occur within any humidor. This can result in wet cigars.
- Never keep your humidor in a warm room over (78° F). Warm temperatures promote mold and insect infestation.
- Never place a humidor where direct sunlight can strike the humidor. Allowing direct sunlight to strike a humidor will cause a greenhouse effect and raise the interior temperature. This can promote mold and/or insect contamination.
- Avoid leaving your humidor lid open for any extended period of time with **CIGAR OASIS ULTRA** running. To do so will only tend to dry out your cigars and needlessly consume water, thus shortening the life of the cartridge.