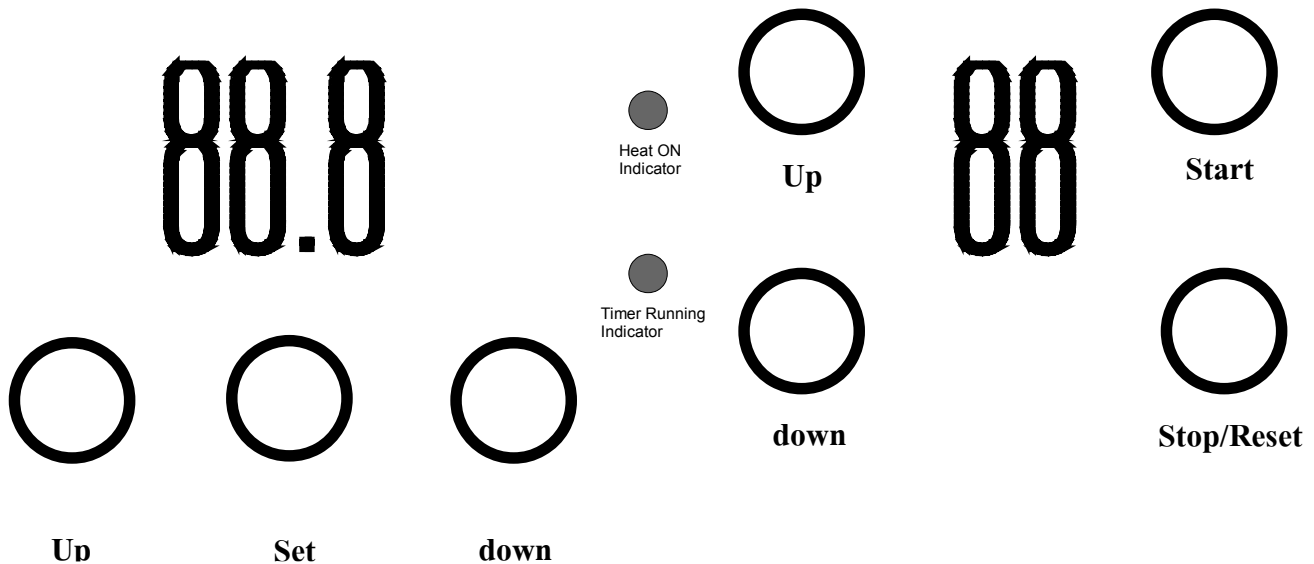


Thermostat

Countdown Timer



The Thermostat displays the temperature in Celsius, and is pre-set at the factory for 34 degrees Celsius (93.2 degrees Fahrenheit). It is NOT recommended to use temperature settings above 80 degrees Celsius (176 degrees Fahrenheit).

To change the cut off temperature, press and hold the “Set” button for at least three seconds. The word “Set” will show on the display. Use the “Up” and “Down” buttons to set the cut off temperature, then press “Set”. Next is the “Sensitivity” setting which will prevent the heat from dropping too low before turning the heater back on. It is set at the factory for “1.0”, which means the heater will turn back on when the tank temperature drops 1 degree below the cut off point. After the “Sensitivity” is entered, press “Set” , and your temperature settings are saved in memory, even if power is turned Off.

IMPORTANT: For quick and even heating, run the Ultrasonics, with the lid on, for 10 Minutes to **Heat and Degas** the Cleaning Solution. If the cleaning solution is allowed to heat without this heat/degas procedure, the solution will get hotter than the Temperature display and go (approximately 10 degrees) above your Cut-Off setting. During normal operation, it is not uncommon for the solution to be 3-4 degrees above the Display reading, due the poor thermal distribution of Stainless Steel. Adjust your Cut-Off Temperature accordingly ! It is recommended to monitor the solution temperature with another thermometer to be safe!

If the Thermostat and heater is not needed, simply set the cut off temperature to below tank temperature. It will continue to display the tank temperature, but the heater will not turn on.

To use the Countdown Timer, push the “Up” or “Down” button to the desired time, then press the “Start” button. Cavitation will begin. (Pressing and holding the “Up” of “Down” button will advance the time quickly.)

Pressing the “Stop” button briefly will stop the cavitation. Pressing and holding the “Stop” button will reset the time to “00”. When the Countdown Timer reaches “00”, the display will BLINK, indicating the cleaning cycle is over. “Pressing the “Stop” button will reset the timer, and will be ready to use again.

Although the timer will advance to 99 Minutes, *it is NOT recommended to exceed 30 minutes*. Most items can be cleaned thoroughly using only 5 to 10 minutes. 15 minutes for some larger items, and 30 minutes for heavy contaminates such as grease and oils

1. **Use great care.** Tank can get **HOT** and can **BURN** !
2. **Do Not** drop items on the bottom of the tank. **Do Not** let items rest on the bottom of the tank.
3. **Always** turn the **MAIN POWER OFF** after use! (Main Power Switch is on the rear of the unit).
4. **Turn Power OFF before Draining !**
5. **DO NOT leave the Heater ON with no water in the tank!**
6. **DO NOT allow** the Heater to evaporate all the water/solution. Always turn off Main Power after use!
7. **DO NOT** run the Ultrasonic without the proper amount of water/solution (at least one inch from the top).
8. **Allow** the unit to cool down before emptying the tank completely.
9. **Do Not** use solutions that can damage stainless-steel .
10. **For Units without a Drain - Use a Plastic Cup to dip** water/solution out of tank.
Do Not dump entire tank over a sink.
Do Not carry unit with a full tank of water/solution. This is to *minimize* water getting inside the unit.
Use a soft cloth or Sponge to remove any remaining water from the tank after draining.
11. **ONLY USE 120vAC at 50/60HZ!!! **DO NOT USE 220/240vAC****

Failing to follow these instruction will cause damage to the Ultrasonic Cleaner and **void any warranty**. Contact louis@vibratollc.com for any problems, questions or concerns.