Prime Mini Chiller - FAQ's

Q: I just plugged my chiller in and it is making a banging/rattling noise, is it broken?
A: If your Prime chiller makes a rattling noise upon installation, unplug the unit and check for shipping damage around the housing or the base. If damage is found, contact your retailer to inform them of freight damage. If no damage is found, follow the following steps: 1. Turn the unit upright and allow it to sit for 24-hours. After 24-hours, plug the unit back in and see if the chiller will operate normally. 2. If the chiller still rattles, contact Current-USA technical support.

Q: Where is the best location to install the chiller?
A: For maximum efficiency, water chillers are best located next to an aquarium where the back and front have at least 18" of space for proper ventilation.

Q: Can the chiller be installed under a stand?
A: Although not advisable, the Prime Mini-Chillers can be installed under well-ventilated stands. The stands must have an open back and some way to allow frsh air into the stand (vented door). All the hot air exiting the chiller should be directed towards the open back, allowing the heat to escape from the stand.

Q: The chiller is running, but it is not cooling the tank.
A: If your chiller is plugged in, and seems to be working, use these guidelines to see if it isn't working correctly: 1. Ensure that the chiller has been correctly sized for your application. Check our website for sizing guidelines or contact your retailer. 2. If the chiller is blowing out hot air, then it allow it to run for a longer period of time. The hot air is heat being removed from your aquarium water, so it is likely operating normally. 3. Follow the guidelines in the instructions regarding proper placement as ventilation is key in chiller efficiency. If warm or hot air is being sucked into the chiller, it may take longer for the chiller to cool the water. 4. Ensure that the condenser screen on the front of the chiller is clean. Remove it by pressing the tabs on the screen and wash with warm water. Allow it to dry before re-inserting it onto the chiller front.

Q: What maintanence is required on the chiller?
A: The only maintenance required on our Prime Mini-Chillers is to ensure that the inlet air screen filter is always clean. Pet hair and dust can impede air flow, therefore reducing the efficiency of the chiller.

Q: What is the evaporator made of?
A: All chillers made by Current-USA use titanium heat exchangers that provide the highest protection from the corrosive elements in saltwater.

Q: How large of a heater can I plug into the heater outlet?
A: Prime Mini-Chillers can handle up to a 300 watt heater and will automatically turn the heater on and off using the chillers integrated temperature controller.

Q: What is the proper water flow rate through the chiller?
A: Our Prime 1/15th hp nano chiller should be provided a water flow rate of approximately 3-10 gpm (180-300 gph.) The Prime 1/10th hp chiller should be provided a water flow rate of approximately 7-12 gpm (420-720 gph.)

Q: How loud are the Prime Mini-Chillers?
A: Current USA understands the value of silence, that's why we've made our mini-chillers so quite. Both the 1/15th & 1/10th hp chillers are virtually silent and have a rated decibel rating of 25-35db.

Q: How do I change the temperature differential?
A: We pre-set the temperature differential in each of our Prime mini-chillers to 2 degrees F. We do not advise changing the differential unless your application is a specialized applications. To change the differential, press both arrow keys simultaneously for 20 seconds until "d" appears. Press the "up" button to change the differential, then hit "set". The chiller will resume to normal operation after a few seconds.

Q: Can I calibrate the temperature sensor?
A: Yes, the temperature sensor and can be calibrated by using the controller keypad. To calibrate the sensor, begin by looking at the current temperature displayed on the LCD and recording it. Press both arrow keys simultaneously for 20 seconds until "d" appears. Press the "set" button once until "pd" appears. A "00" will show, allowing you to calibrate the sensor up or down from the recorded temperature using the arrow keypads. Press "set" again, the chiller will resume to normal operation after a few seconds.