

## **CITRIC ACID CLEANING PROCEDURE For CHANSON Miracle Max**

1 – Open the compartment on the left hand side of the water ionizer to access the ionizer filter and gently tilt the white filter housing outwards.

2 – To remove the filter cartridge from the filter housing, hold the filter housing body with one hand and twist the cap off by unscrewing counter clockwise. When you lift the filter cap, the filter cartridge will lift out as it is attached to the cap.

3 – Remove filter cartridge from filter cap by twisting it clockwise. Make sure you recover the flat rubber disc from inside the filter cap or from the top of filter cartridge as you will need to reinstall it on the filter cartridge at the end of the cleaning procedure. Put filter and clear rubber disk in a zip-lock bag and keep in the refrigerator until it is time to reinstall it.

4 – Remove water from inside the filter cup by tilting the ionizer into the sink, or use a turkey baster to suction water out.

5 – Heat 1 cup (8 oz or 250 ml) of distilled water. Water should be hot, not boiling, like the temperature for a cup of tea or coffee.

6 – Mix 2 heaping tablespoons of citric acid powder into the water and stir until fully dissolved. (You can buy citric acid powder at a local store, pharmacy, your dealer, on our website or our call our sales department).

7 – Pour citric acid solution into the filter housing and screw filter cap on without the filter cartridge.

8 – Select the “FILTERED” water (pH 7.0) setting on the ionizer then press the power touch-pad to turn on water flow. Let the water run to the ionizer for 3-4 seconds to let the citric acid solution flow into the electrolysis chamber. Then turn off the ionizer and immediately lift the drain hose and tie it to the main flexible spout with a bag tie, string or piece of tape. This will prevent the citric acid solution from draining prematurely. Make sure to lower the drain tube before turning the water on again at the end of the cleaning cycle. Close the faucet & switch off the power outlet or unplug if you are using ordinary outlet.

9 – Let the ionizer soak for 60 minutes in the citric acid solution.

10 – After the 60 minutes lower the drain hose back into the sink and open the faucet. Switch on the power or plug the ionizer back to the power outlet. Then select the “FILTERED” water (pH 7.0) setting on the ionizer then press the “Power” button to turn on the ionizer and allow the water to start flowing through.

11 – Let the water run through the ionizer for 5 minutes. Turn off the ionizer, wait for 10 minutes, then run again the “FILTERED” water for 5 more minutes.

12 – After flushing it for 5 minutes collect water from the drain tube and make sure that the water is completely clear. If you see white flakes floating flush for 5 more minutes and test again. Repeat if necessary again, but if after the 3rd time the white flakes are still coming out you might want to repeat the whole flushing process.

13 – Once the process is finished re-install the filter cartridge in the filter housing, making sure to replace the flat rubber disc on top of the cartridge before screwing the cartridge into the filter cap.

14 – Check for leaks.

15 – It is recommended at this point to test the ionized water that is being produced by your machine by using pH drops or an electronic pH meter to make sure that your ionizer is performing properly. If it isn't or the desired improvement is not seen then repeat the citric acid cleaning procedure up to 3 more times.

16 – If you have gone for long periods without a citric acid cleaning and you know you have very hard water and the cleaning procedure is not working to improve your pH results, you may need to send the machine in to an authorized Chanson service center or for a thorough cleaning.