



## ***CHANSON Citric Acid Cleaning Procedure***

### CLEAN YOUR IONIZER AT LEAST ONCE PER YEAR

In order to maintain the highest performance level of your *CHANSON* water ionizer, we recommend you perform this simple cleaning procedure when it is time to change your ionizer's internal water filter (when the filter life indicator is at 0%), or at least once per year, whichever comes first. This procedure will remove mineral build-up from the electrodes and membranes in the electrolysis chamber to ensure optimal ionization power of your ionizer for many years.

If you prefer, you can also ship your ionizer to an authorized *CHANSON* service center to have your ionizer professionally cleaned. Contact your dealer or [www.drink-orp.com](http://www.drink-orp.com) for details.

### IF YOU LIVE IN AN AREA WITH HARD WATER or

### IF YOU REGULARLY USE HIMALAYAN SALTS WITH THE *MIRACLE MAX* IONIZER

If you live in an area which has very hard water (high mineral content), if you use your ionizer to produce a lot of strong acid or strong alkaline water, or if you use the *Miracle MAX* model with Himalayan salts, you should perform the cleaning procedure 3 to 4 times a year. NOTE: A good tip for keeping the plates cleaner for longer in hard water areas is to always press the "purified" button and let water run for 5 seconds before turning the ionizer off. This will flush any concentrated minerals that have accumulated in the electrolysis cell.

### TEST THE pH LEVEL OF YOUR IONIZED WATER REGULARLY

Use the pH drops that came with your ionizer to test your ionized water on a regular basis, or you can also use an electronic pH meter. (See online videos or DVD for pH test instructions). When you test water from your ionizer regularly, you will know what your machine normally produces. For example, if your pH test usually gives you a blue colour on the Alkaline 3 setting on your machine, and the water is no longer blue, then it's probably time to perform the citric acid cleaning procedure.

### CHANSON CITRIC ACID CLEANING PROCEDURE

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.

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 that sells beer-making supplies, or contact your dealer or [www.drink-orp.ca](http://www.drink-orp.ca) to purchase some).
7. Pour citric acid solution into the filter housing and screw filter cap on without the filter cartridge.
8. For counter-top ionizers, select the filtered water (pH 7.0) setting on the ionizer. Turn on the water flow to the ionizer for 3-4 seconds to let the citric acid solution flow into the electrolysis chamber. Then turn off the water 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. For under-counter ionizers, remove the acid and alkaline water hoses on the front of the ionizer unit under the sink and let the water drain out of the hoses, Attach the hoses back then press the Minus button (-) or the Plus button (+) on the faucet until you see “purified” (pH 7.0) then press the power button to turn on water flow. Let the water run for 3-4 seconds, and immediately turn off the water.
9. Let the ionizer soak for 60 minutes in the citric acid solution.
10. For counter-top ionizers, lower the drain hose back into the sink and turn on the water. For under-counter ionizers, press the power button on the faucet and run water on “purified” setting (pH 7.0).
11. Let the water run through the ionizer for 5 minutes. Turn off the water, wait for 10 minutes, then flush with tap water for 5 more minutes.
12. 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.
13. Check for leaks.
14. Turn the ionizer on and test the ionized water being produced by your machine by using pH drops or an electronic pH meter. If desired improvement is not seen then repeat the citric acid cleaning procedure up to 3 more times.
15. 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.

If you have any questions, please contact your dealer or the technical support department by e-mail at [contact@drink-orp.ca](mailto:contact@drink-orp.ca) or by phone at (778) 288-8582.