

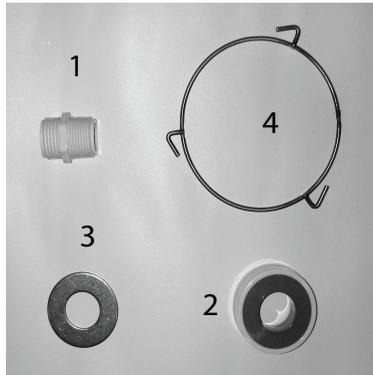
Thank you for your purchase of this CR Spotless Water System. We hope that this guide will help you get setup quickly and begin using your system right away. Please keep this guide should you ever need to refer to it later.

## A. UNPACK

1. First, make sure that you have all the parts listed below and access to a hose bib (water supply):

Part #	QTY	Description	Part #	QTY	Description
1	2	Hose Adapter	6	2	Blue Housing (10" or 20")
2	1	Roll Teflon Tape	7	1	SS Inlet Hose
3	2	SS Washer	8	1	Housing Wrench
4	2	Centering ring	9	1	Nozzle
5	2	Pre-filled Cartridge (10" or 20")			

\* Please Note: Parts #3, 4, 5, and 6 come pre-assembled in Model DIC-10



For 10" Models



For 20" Models



2. Follow the directions on the next page for **SETUP and ASSEMBLY** and you will soon be ready for **OPERATION!**

## B. ASSEMBLY AND SETUP (NOTE: Simple assembly only requires a crescent wrench or channel lock pliers.)

1. Wrap Teflon tape (part #2) at least 2 times (clockwise when looking at item) around the finer pipe threads on both parts #1.
2. **Assemble Fittings:** a. Insert the Teflon wrapped end of one *part #1* into the Input side of the system. Tighten with crescent wrench or channel lock pliers. b. Repeat on the Output side. When finished it should look like picture **2c** below.

2c



3. **Assemble Housing:** a. remove cartridge (#5) from housing (#6); b. insert washer (part #3) in the bottom center of housing (#6); c. insert cartridge (#5) (white cap down) into housing (#6); d. place one centering ring (part #4) over the top of cartridge (#5). When Finished it should look like picture 3d below.

3d



4. Now, a. attach a completed housing assembly to the cart by "screwing" it into one of the black caps on the cart; b. Tighten with housing wrench (part #8).
5. Repeat steps 3 & 4 to assemble the other housing. When finished it should look like picture **5a** below.

5a



6. Attach one end of inlet hose (#7) to the "IN" side of unit (left side when facing the front of the system) and the other end to your water supply (hose spigot).
7. Attach your garden hose to the "OUT" (right side when facing the front of the system) side of system.

**Attach supplied nozzle (part #9) to end of garden hose and set to either the "Center" or "Flat" settings only and get ready to enjoy the luxury of de-ionized water!**

## C. OPERATION

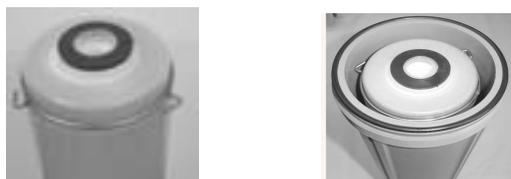
1. Start by moving the system to within 4 ft of your hose bib.
2. Connect one end of the supplied 48" stainless steel inlet hose (*part #7*) to the "IN" side of the system and the other end to your hose bib/water supply.
3. Connect your garden hose to the "OUT" side of the system.
4. Attach the supplied nozzle (part #9) or an optional pressure washer (2.5 gpm or less) to the other end of your garden hose.
  - If you are using the nozzle, use only the **FAN, CENTER, or FLAT** spray pattern.
  - If using a pressure washer, make sure that it does not exceed 2.5 gallons per minute (gpm).
5. Slowly turn on water supply, press the button on the TDS meter to power it on, and pull the nozzle trigger, the meter should read 000 (Note: The meter will read **000** for approx 95% of the resins life expectancy and is only accurate as water is flowing through the system). The TDS meter will automatically shut off after 7 minutes to extend the battery life.
6. If the TDS meter is reading within the systems safe operating range of 000 ppm proceed to wash and rinse. Do not allow dirty soapy water to dry prior to rinsing with DI water. Think of the rinsing action using DI water as sort of a 'water broom'- you must 'sweep' away all non-DI water as well as other contaminants (soap, dirt, etc). Rinse thoroughly. Any trapped **dirty** water or soap residue will eventually drip and leave spots (i.e. rear view mirrors, etc).
7. Check the Meter reading periodically when water is flowing. If the TDS meter reads **019 or less**, the water will be spot-free. To avoid damaging water spots, you must replace the resin/cartridges when the output on the meter reaches **020**. (**NOTE: DO NOT USE THE SYSTEM PAST A METER READING OF 020ppm OR DAMAGE TO YOUR WORK SURFACE MAY OCCUR.**)
8. When you have finished rinsing, just walk away and let it air dry.

## D. RESIN AND CARTRIDGE REPLACEMENT

1. **Relieve pressure by turning the water off and squeezing your sprayer trigger until water stops flowing.**
2. Using supplied housing wrench (part #7), loosen and then unscrew each of the two housings. Remove used resin cartridges and remove centering/alignment rings from cartridges. Then follow instructions (a) or (b):

### **(a) Resin Replacement Using New, Pre-Filled Cartridges:**

3. Place rings on new cartridges and reinsert into housings.



4. Screw the housing back into the tops and secure with housing wrench. Tighten, but do not over tighten. Now you are ready for more spot free rinsing!

### **(b) Resin Replacement Using Our Resin Refill Bags:**

3. Unscrew the white cap and empty the cartridge (used resin) into the garbage. Rinse the cartridges to remove any remaining used resin.
4. Cut the corner off of your pre-measured resin refill bag and squeeze entire contents of one bag into one of the clean cartridges. **(NOTE: lightly bounce the cartridge as you are filling it with new resin. This will help the resin settle so that it can be filled completely.)** Repeat process with the other cartridge and resin bag.
5. Replace the alignment rings on the refilled cartridges and place in the housings.
6. Screw the housings back into the tops and secure with housing wrench. Tighten, but do not over tighten. You are now ready for more spot free rinsing!

## F A Q's

**The system is all hooked up but no water is coming out?** - The resin cartridges are in up side down. The white cap goes at the bottom of the blue housing.

**The meter does not seem to be working. It only shows all zeros.** - That is perfect, the meter will read 000 for 95% of the resins life expectancy. Once you start to see numbers, it will increase rapidly.

**The meter reads "Err".** - Re-seat the meters wire harness in the top of the meter.

**Does the resin have a shelf life?** - Yes, the resin has a shelf life of approximately 1 year before it will start to lose effectiveness.

**How do I store the system?** - If you are not going to use the system for a couple of months please drain the water out of the system and let the resin cartridges drip dry. Place the resin cartridges in a cool dry area.

Please call us if you have any questions or need help setting up or operating your system. We want you to be completely satisfied with your CR Spotless Water System.

**Remember- if you're not 100% satisfied, return in 30 days for a complete refund!**



7949 Stromesa Ct., Suite D, San Diego, CA 92126 Tel: 858-530-9993

## QUICK START GUIDE

### READ BEFORE USING

1. Please do not drink the water produced by this system. While small amounts are not harmful, this water is too pure and can rob a human body of vital minerals and nutrients with extended use.
2. Do not plumb directly into household or RV potable water supply.
3. Prior to opening cartridge housings turn off water and relieve pressure in hose.
4. Stop use when TDS Output Meter reads 020 ppm. **DO NOT OPERATE PAST A METER READING OF 020 ppm OR DAMAGE TO YOUR WORK SURFACE MAY OCCUR.**
5. Do not exceed 75 psi inlet water pressure.
6. ***Do not flow more the 2.5 gpm of water through the system. Use only the CENTER, FAN or FLAT spray pattern on the supplied nozzle.***
7. If using a pressure washer,
  - a. For Models DIC-10 and DIW-10, do not exceed a flow rate greater than 2.0 gpm (gallons per minute).
  - b. For Models DIC-20 and DIW-20, do not exceed a flow rate greater than 2.5 gpm (gallons per minute).
8. For ***initial*** and ***every start up***, connect system as described in **C. OPERATION**  
Now, just...

**WASH, RINSE, AND WALK AWAY**