



## Integrated Cartridge Solutions

### Instructions for Changing ICS Series Cartridge Filters:

#### NOTES AND WARNINGS:

- Please consider hiring your local water treatment professional or an experienced plumber to service your ICS Series unit.
  - Do not use the filter wrench to tighten housings to caps. Simply snug the housing to cap by hand. An O-ring is used to seal between housing and cap and using a wrench can damage the O-ring.
  - Do not use petroleum based products to lubricate the O-ring. Use only silicon lubricant.
  - Do not use any type of thread sealant or tape on the threads of the housings. The seal is made with the O-ring. If a leak develops replace the O-ring (lubricate with silicon grease, do not use a petroleum based product to lubricate).
- 1) Turn off water supply to ICS unit. If unit is Valve-In-Head style, rotate handle on top of housing to OFF position.
  - 2) Depress pressure release button (if present) to relieve pressure in filter housing.
  - 3) Unscrew housing using housing wrench.  
**NOTE:** When opening filter housing to change cartridge, it is common for O-ring / Gasket to lift out of housing and stick to cap.
  - 4) Remove used cartridge(s) and discard. Rinse out housing and fill about ½ full with water. Add about 2 to 3 tablespoons of bleach and scrub thoroughly with soft brush or sponge (DO NOT SCOUR). Rinse thoroughly.
  - 5) Remove O-ring / Gasket from sump and wipe groove and O-ring / Gasket clean. Lubricate O-ring / Gasket with a coating of clean silicon grease. Place O-ring / Gasket back in place and press O-ring down into groove with two fingers (or place gasket on rim of sump).  
**NOTE:** This step is important to ensure proper filter seal. Make sure the O-ring is seated level in the groove (or gasket is on the rim of sump).  
**CAUTION:** If O-ring / Gasket appears damaged or crimped it should be replaced at this time. See your local dealer for replacement parts.
  - 6) Insert a new cartridge into the sump making sure that it slips down over the sump standpipe.
  - 7) Screw the sump onto the cap and hand tighten. DO NOT OVER-TIGHTEN. Make sure the cartridge slips over the cap standpipe.
  - 8) Turn on the water supply slowly to allow housing to fill with water. When using a Valve-In-Head, rotate handle slowly to the ON (filter) position.

**WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection.

**NOTE:** An activated carbon cartridge (Taste/Odor) may contain a small amount of carbon fines (very fine black powder) and a new cartridge, after installation, should be flushed with sufficient water to remove the fines before using the water.

Each time you use water from your filtered water tap for drinking or cooking purposes, it is recommended that you run (flush) the tap at least 10 seconds prior to using water. This is particularly important if the water tap is not used daily.

**NOTE:** ICS replacement cartridge kits have a limited service life. Changes in taste, color, flow, spotting or staining of the water being filtered are signals that replacement of the cartridge is or soon may be necessary.

**CAUTION:** Filter must be protected against freezing. Failure to do so may result in a cracking of the filter and water leakage.

**CAUTION:** All filtration systems contain other parts that have a limited service life. Exhaustion of the service life of those parts often cannot be easily detected. Commonly, it is only after leakage has been observed or water damage has occurred that one is made aware that the service life has been exhausted.

**IMPORTANT NOTICE:** To prevent costly repairs or possible water damage we strongly recommend that housings be replaced periodically; every five years for clear sumps and every ten years for opaque sumps. If your housing is older than the recommended period, it should be replaced immediately. Be sure to date any new or replacement sump for future reference.

| ICS System | Replacement Filter Kit | ICS System | Replacement Filter Kit | Other   |
|------------|------------------------|------------|------------------------|---|
| P0523      | P0523-K                | SI         | SI-K                   | Contact us with your model number for specific Replacement O-Rings and Wrenches |
| P0525      | P0525-K                | SIP        | SIP-K                  |   |
| P0527      | P0527-K                | SIT        | SIT-K                  |   |
| P06        | P06-K                  | PWC06      | PWC06-K                |   |
| P12        | P12-K                  | PWC12      | PWC12-K                |   |
| SCP523     | SCP523-K               | SS51       | SS51-K                 |   |
| SP06       | SP06-K                 | SS75       | SS75-K                 |   |
| SP12       | SP12-K                 | ST         | ST-K                   |   |
| S5         | S5-K                   | TO         | TO-K                   |   |

O<sub>3</sub> Water Systems, Inc.

5301 Airport Rd. Cle Elum, WA. 98922 USA.

•Phone 509-674-4000 •Fax 509-674-4002

Web addresses: [www.PolyHalt.com](http://www.PolyHalt.com) and [www.CascadianWater.com](http://www.CascadianWater.com)