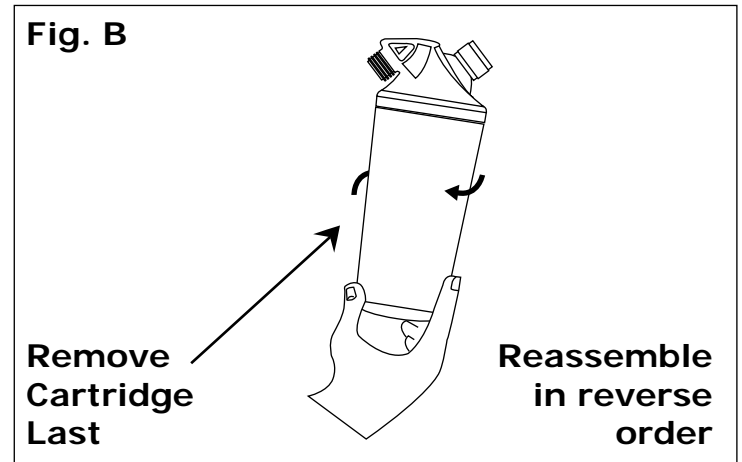
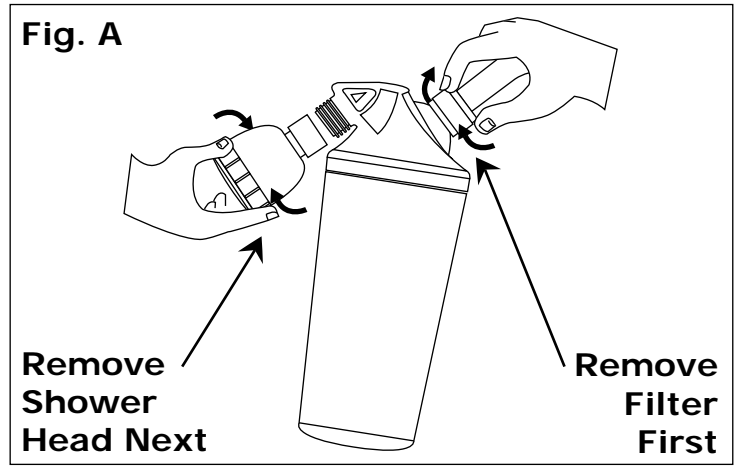


## Flow Rate and Chlorine Reduction

The aquasana shower filter system is designed to provide the highest quality of water with the least amount of pressure loss. The unit uses an exclusive two stage filtering process to substantially reduce chlorine and enhance pH balance. While some pressure will be lost in the filtering process, the result will be substantial water savings. In compliance with California law, the filter is regulated to a maximum flow rate of 2.5 gallons per minute.

In some areas where water pressure and flow rates are higher or in areas where the chlorine levels exceed 1 ppm (part per million), the chlorine reduction level may be reduced. You can increase the filtering performance by slowing down your water flow rate with a flow restricter, (available at most plumbing supplies for \$1 to \$2) or by adjusting the water flow manually.

The aquasana filter cartridge is designed to last 6 months under normal conditions. If you use the filter more than twice each day, take showers longer than 10 minutes or your city uses surface (lake or river) water, it is recommended that the filter be changed every 3-4 months. Surface water typically has higher levels of sediment and chlorine and will exhaust the filter media more rapidly.



**1** Remove the entire filter system from your shower pipe by turning the chrome swivel connector counter clockwise or to the left, as shown in **Figure A**. Then remove the showerhead by turning the connector counter clockwise (or to the left). **Do not** remove the filter cartridge while the filter is still attached to the shower pipe, this may cause damage to the filter where it connects to the shower pipe.

**2** While holding the upper filter housing firmly, **remove the lower filter cartridge** by turning it to the left, or counter clockwise, as shown in **Figure B**. This cartridge may be disposed of with your trash, as it poses no environmental hazards.

**3** **Unwrap** the new replacement cartridge and **remove** the yellow “pull tab” label and the yellow plastic shipping cap from the top end of the cartridge.

**4** After making sure that the upper housing O-Ring is still in place, rub a coating of shampoo on the exposed surface of the O-Ring to ensure a proper seal, **Next install the new lower cartridge** by turning it to the right. Tighten firmly by hand; if this lower filter is not tightened firmly it will leak around the seam between the upper filter housing and the cartridge.

**5** Make sure that the white connector washer in the chrome swivel connector is still in place. **Re-attach the filter system** to your shower pipe by turning the chrome swivel collar clockwise or to the right.

**6** Before re-attaching the shower head, **flush and activate the filter** media into a bucket until water runs clear. Then re-attach showerhead and enjoy!

NOTE: The initial surge of water will be discolored due to carbon fines and will soil your shower stall or tub. You may wish to capture the first one or two gallons of water in a bucket or pitcher. This carbonized water is very beneficial for plants and to the environment and can be discarded in a plant bed or down the drain.

For the initial flushing use cold water. After the water has turned clear, adjust the temperature to your normal shower setting. Notice that there is a delay in temperature equalization due to the filter media warm up period. Take this equalization period into account when showering, make slight adjustments and wait 30 seconds for temperature change. Run water until clear and then turn the water off and then back on again. Repeat this on/off flushing until the initial surge of water is completely clear and free from carbon.