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## Cleaning and Regenerating Procedures For Seitz MEMBRACart PS Membranes and Seitz PREcart PP II Cartridges

A. Forward flow with cold water up to 68°F at flow rates up to 8 gallons per minute per 10" of membrane cartridge length.

**DO NOT ALLOW BACKWARD FLOW THROUGH MEMBRANE CARTRIDGES.**

B. Forward flow with hot water up to 175°F at flow rates up to 4 gallons per minute per 10" of membrane cartridge length.

**DO NOT ALLOW BACKWARD FLOW THROUGH MEMBRANE CARTRIDGES.**

C. Soak overnight in a 5% by weight, caustic solution  
(5% by weight, sodium hydroxide mixed with water at a temperature up to 145°F).

**CAUTION: This solution is highly caustic and can cause severe eye injury. Required Safety Equipment:**

**Rubber gloves, rubber apron and full face shield**

D. After soaking, remove membrane cartridges and hose down with tap water.

E. Soak in a high acid solution with pH below 2.0 for **at least one hour**. Be certain to take proper safety precautions.

F. Remove cartridges and hose down with tap water. Install cartridges in the housing.



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? The caustic solution should last a very long time. To refresh the solution, add caustic concentrate to return the solution to the original pH.

? The high acid solution will need to be dumped every two to four weeks since there are acid tolerant bacteria that can live in pH 1.7-2.0.

? Seitz PREcart PP II are cleaned in the same manner as the Seitz MEMBRACart PS in addition you can backwash (reverse flow) the Seitz PRE cart PP II to remove inorganic material.

**NOTE:**

**The above procedures only apply to SEITZ MEMBRACart PS Membrane and SEITZ PREcart PPII Cartridges.**