

PS-1000 Ultrafiltration Membrane System

The Premiere PS-1000 has a 0.02 micron ultrafiltration (UF) membrane which removes particulates and solids like bacteria, viruses, protozoa, algae, dirt, mold, sediment, clay, iron, sand, and more on a microscopic level. It's a powerful and highly effective filtration system for whole house, well water, food service, commercial, and many other water treatment applications. With a high flow rate of up to 8 gallons per minute, it operates smoothly at a low pressure and does not require electricity. Since it produces water on-demand, it does not need a storage tank. The Premiere PS-1000 is uniquely designed to let you easily flush (clean) the membrane when it gets full of contaminants – just turn a valve. This means the UF membrane has an exceptionally long life of up to 5 years!

Safe, Clean Water – 0.02 Micron Filtration

- ✓ Very high effectiveness at removing bacteria (over 99.9999%), viruses (over 99.99%), and protozoa like giardia & cryptosporidium (over 99.95%) from your water
- ✓ 0.02 micron water filtration also eliminates algae, dirt, mold, silt, colloidal silica, clay, iron, sand, lead particulate, inorganic and organic materials, and more

Extra Long Membrane Life

- ✓ Innovative system lets you turn a valve to easily flush (clean) the UF membrane of contaminants
- ✓ Backflush on a regular basis to ensure the longest membrane life (3 - 5 years)
- ✓ More economical than replacing filters or membranes that can't be flushed

Filters 8 GPM, Produces No Waste Water

- ✓ Delivers consistent water quality regardless the condition of the incoming water
- ✓ High flow rate of up to 8 gallons per minute
- ✓ Environmentally friendly technology – no chemicals used, and zero waste water during the ultrafiltration process



Specifications

Micron Rating	0.02 micron
Flow rate	8 GPM
Maintenance Schedule	Turn valve to flush membrane when full. Replace membrane every 3-5 years
Size	27" H X 7.75" D

Contaminant Reduction / Removal

Algae • Bacteria • Cloudiness / turbidity • Colloidal silicas
Cysts • Cryptosporidium • Dirt • Ferric (oxidized) iron
Giardia • Inorganic materials • Lead particulate • Mold
Organic materials • Oxidized manganese • Oxidized sulphides
Protozoa • Sand • Sediment • Silt • Viruses
And other particulates or solids as small as 0.02 micron



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