

PS-PURUF Ultrafiltration Membrane System

The Premiere PS-PURUF is a highly effective and efficient ultrafiltration (UF) system for reducing contaminants in the water you drink and use. Its UF membrane removes particulates like bacteria, viruses, protozoa, colloidal materials, and other solids 0.02 micron and larger on a microscopic level. The carbon post-filters reduce chlorine, pesticides, volatile organic chemicals (VOCs), pharmaceuticals, and more. Ultrafiltration operates smoothly at low pressure; no pump or electricity required. This system produces water on demand with an outstanding flow rate of up to 1.5 gallons per minute. Maintains naturally occurring minerals for health and taste. Backflush feature to easily purge contaminants from the membrane which means this membrane lasts up to 3 years.

Features

Clean, Healthy Water

- ✓ Peace of mind that this system provides ultrafine filtration and will tackle bacteria and viruses (99.99%+ reduction)
- ✓ 0.5 micron filters reduce chemicals like chlorine, chloramines, pharmaceuticals, pesticides, lead, trihalomethanes (THMs), methyl tertiary butyl ether (MTBE), volatile organic chemicals (VOCs), and more.
- ✓ No storage tank means that it's more compact than other systems on the market, and there is no bacteria growth in the system (storage tanks are notorious for bacteria growth).

Backflushing membrane with long service life

- ✓ Unique system with a backflushing the membrane
- ✓ Simply turn a valve on this system to remove/loosen foulants from the membrane
- ✓ Membrane life up to 3 years

Added Benefits

- ✓ No waste water generated during the filtration process
- ✓ Preserves healthful minerals
- ✓ Works well at water low pressure



Specifications

Micron Rating	Membrane: 0.02 submicron Filters: 0.5 micron
Flow rate	1.5 GPM (depends on incoming water pressure)
Maintenance Schedule	Membrane: Flush regularly, replace every 2-3 years Filters: 2,000 gallon capacity or replace once per year (whichever comes first)
Size	15.25" H X 15" W X 6" D

Contaminant Reduction

- ❖ Algae
- ❖ Chlorine
- ❖ Chloramine
- ❖ Cloudiness / turbidity
- ❖ Cysts
- ❖ Cryptosporidium
- ❖ Dirt
- ❖ Giardia
- ❖ Iron
- ❖ Lead
- ❖ Manganese
- ❖ Mold
- ❖ MTBE (methyl tertiary butyl ether)
- ❖ Oxidized iron
- ❖ Sand
- ❖ Sediment
- ❖ Silt
- ❖ Sulphides
- ❖ Tannins
- ❖ THMs (trihalomethanes)
- ❖ VOCs (volatile organic chemicals)
- ❖ And more!



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