

## PS-1000 Ultrafiltration Membrane System

The Premiere PS-1000 uses powerful membrane water purification technology to deliver ultrafiltration (UF). Outstanding contaminant and bacteria removal rates (100,000-fold reduction). There is zero waste water during the purification process, and it does not require a storage tank or electricity to operate. The Premiere PS-1000 features innovative technology which lets you flush (clean) the membrane whenever it gets full of contaminants. This ultrafiltration membrane filter system is great for applications including well water, whole house, food service, commercial, and much more.

### Features

#### Safe, Great Tasting Water

- ✓ Removes bacteria (over 99.9999%), viruses (over 99.99%), and giardia & cryptosporidium (over 99.95%) from your drinking water
- ✓ 0.02 submicron water filtration also eliminates colloidal materials, sand, silt, sediment, and other organic material

#### Long Membrane Life

- ✓ Breakthrough system lets you turn a valve to easily flush (clean) the membrane of collected contaminants. Don't keep buying expensive replacement filters or membranes you can't flush!
- ✓ Backflush on a regular basis to ensure the longest membrane life (3-5 years)
- ✓ Save time and money by replacing filters significantly less often with no drop in product quality

#### Added Benefits

- ✓ Constant product quality regardless the condition of the incoming water
- ✓ Quick, easy, and sanitary installation
- ✓ Environmentally friendly technology – no chemicals used, and zero waste water during the ultrafiltration process. (Only a small amount of water goes to drain when you backflush the membrane)



### Specifications

|                      |  |
|----------------------|--|
| Micron Rating        | 0.02 submicron   |
| 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  |

### Substance Removal

- ❖ 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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