Ultrafiltration Water Purification

Designed to produce clean, purified water from tap or well water, these wall-mounted systems use high efficiency ultrafiltration membranes. The filtered product water is used in residential POE/POU applications such as water stores, RO pretreatment, whole house, laboratories, bottled water and other similar applications.

Key Features
- Over 25 years of experience is reflected in our quality
- Fine filtration to 0.02 microns for bacteria, viruses and turbidity treatment
- Low operating pressure and high efficiency
- Reliable and durable UF Membranes for high membrane integrity
- Compact, heavy duty, powder coated frame
- Factory tested to ensure trouble-free operation
- Simple installation and automatic operation

Standard Equipment
- Hollow fiber ultrafiltration membranes
- PVC membrane housings/vessels
- Liquid filled system pressure gauge
- Corrosion resistant powder coated durable frame
- Boxed and palletized for shipment
- Electric actuated control valve system
- Automated system controller
- Inlet isolation valve

Controller for Automatic Operation
- Controller Features:
  - Simple operation, easy to use
  - Automatic operation including membrane flush/cleaning
  - Manual flush button
- Indicator Lights:
  - In service
  - Flush clean mode

Notes and Voltage/Ordering Information
- All dimensions and weights are approximate.
- Capacity Basis: 24 hrs/day
- Systems rated at: 77°F (25°C) less than 1,500 ppm total dissolved solids (TDS) city water or similar (well)
- Minimum feed pressure to UF System: 40 PSI.
- Voltage: 120 volts, single phase, 60 hertz. 220 volt available upon request
- System capacity changes significantly with water temperature
- Media pretreatment recommended for source water turbidity reduction, typically for well water.

Pretreatment and Post Treatment Options

Typical UF Systems include Sediment Prefilter and Carbon Filter