

Capacities Range from 1,500 to 9,000 GPD

Ultra filtration spiral wound membranes are ideal for applications with lower solids where space is limited. UF systems are answer for demanding applications that require consistent water quality and reliable performance, such as for removal of giardia, cryptosporidium, viruses and bacteria. UF systems can be used to guarantee drinking water quality that meets the Enhanced Surface Water Treatment Rule.

EXCITING FEATURES OF THE UFV UNITS

- ◆ Consistent product water quality
- ◆ 6 log removal of bacteria, viruses and protozoa
- ◆ Skid mounted for rapid start up
- ◆ **SPACE SAVING:** FV units need minimal space requirement because of their unique vertical arrangement and compact system design.
- ◆ **QUIET PERFORMANCE:** UFV's quiet high pressure pumps are advantageous in installations requiring low noise levels.
- ◆ **QUALITY YOU CAN DEPEND ON:** All UFV units are pre-tested and undergo a stringent quality assurance procedure prior to shipment.
- ◆ **MOST IMPORTANT...COMPETITIVE PRICING:** With all these exciting standard features & compared to similar units available in the market, UFV units definitely will be the best deal you find.



STANDARD FEATURES

- ◆ UF Spiral Wound Membrane
- ◆ PVC Membrane Housing
- ◆ 304 Stainless Steel Pump
- ◆ 5 Micron Sediment Pre-Filter
- ◆ Powder Coated Steel Frame
- ◆ Pressure Gauge, Liquid Filled
- ◆ Product & Concentrate Flow Meters
- ◆ Brass Concentrate & Recycle Needle Valves
- ◆ Low Pressure Switch, NEMA4
- ◆ Inlet Solenoid Valve
- ◆ High Pressure Nylon Tubing
- ◆ Liquid-Tight Wire Shrouding
- ◆ One Set of Operation & Maintenance Manual

ELECTRICAL CONTROL

- ◆ NEMA 4X Fiberglass Enclosure
- ◆ Off/On Switch
- ◆ 208/230V/1Ph/60Hz Power Supply
- ◆ 25AmpPowerRelay
- ◆ Pump Start Time-delay
- ◆ Status & Alarm Lights

KEY FEATURES

- ◆ Recycle Flow Meter
- ◆ Pre/Post-Filter Pressure Gauges
- ◆ Pretreatment Lockout
- ◆ Conductivity Digital Display
- ◆ Ph Digital Display
- ◆ Tank Full Level Switch
- ◆ Hour Meter 220V/1Ph/50Hz Power Supply
- ◆ High Pressure Switch
- ◆ Automatic Flush
- ◆ PLC Controller
- ◆ Microprocessor Controller
- ◆ Export Wood Crating
- ◆ Custom Designed Unit
- ◆ Disassembled Unit Kit
- ◆ Recommended Spare Parts

Technology And Experience bring Satisfaction



MODEL	Product		Recovery %	Membranes Size	Qty	Pump HP		Unit Specifications	
	GPD	M3/D				60Hz	50Hz	Dimensions	Wt (Lbs)
UFV-1500	1,500	5.7	75	4"X 40"	1	2	2	27"X62"X29"	125
UFV-3000	3,000	11.4	75	4"X 40"	2	2	2	27"X62"X29"	155
UFV-4500	4,500	17.0	75	4"X 40"	3	2	2	27"X62"X29"	175
UFV-6000	6,000	22.7	75	4"X 40"	4	2	3	27"X62"X29"	195
UFV-7500	7,500	28.4	75	4"X 40"	5	3	3	27"X62"X29"	215
UFV-9000	9,000	34.1	75	4"X 40"	6	3	3	27"X62"X29"	235

Operating Specifications

- ◆ Membrane Type : Polyethersulfone UF Membranes
- ◆ Configuration : Spiral Wound, Fiberglass outer Wrap
- ◆ Recommended Pressure : 20 to 150 psi (1.4-10.34 Bar)
- ◆ Recommended Operating temp. : 35-113 °F(2-45°C)
- ◆ Feed water pH : 2-12 continuous
- ◆ Chlorine Tolerance : 10 ppm
- ◆ Maximum feed flow : 20gpm per vessel
- ◆ Minimum Brine flow/permeate flow ratio : 5:1