

AUTOMATIC TURBIDITY FILTER SYSTEMS

TURBIDITY REMOVAL 3900 SERIES



Model 3900TAG2000HL

Standard Features:

- Time Clock Control
- 3" Female Inlet/Outlet Connections
- Fleck 3900 Lead-Free Brass Valve
- Motor-Driven Piston-Operated
- Fiberglass Resin Tank (s)
- Ports for Pressure Gauges & Sample Valves

Filter Ag media provides an ideal combination of particle shape, size and density making it a good choice where quality water filtration and water conservation are important. Its fractured edges and irregular surface provides a high surface area and complex flow path for efficient removal of suspended matter through out the filter bed typically reducing suspended solids down to the 20 – 40 micron range.

Physical Properties

- Color: Light grey to near white
- Mesh Size: 12 x 30
- Bulk Density: 24 - 26 lbs/cf

Operating Considerations

- Service Flow Rate: (normal) 5 gpm /sq. ft.
- Backwash Rate: 10 gpm/sq. ft.

PRODUCT SPECIFICATIONS

Model Series	Media Qty Cubic Feet	Sq. Ft. Bed Area	Media Tank Dia. X Ht	Service Operating Conditions			Tank and Valve Dimension Diameter x Height
				Continuous Service Flow	PSI Drop	Max Drain Flow. GPM	
3900TAG2000HL	20	7.07	36" x 72"	35 gpm	6	85	36" x 90"
3900TAG3000HL	30	9.61	42" x 72"	48 gpm	9	100	42" x 100"

Service flow rate is 5 gpm/sq.ft. Intermittent flow rates and /or favorable local conditions may allow higher flow rates
Specifications are subject to change without notice.

ADDITIONAL OPERATING INFORMATION

For use on potable water only. Not intended to be used to treat water that is micro biologically unsafe or of unknown quality. Installation must comply with all state and local codes. psi Tank dimensions are based on fiberglass only. Steel tanks dimensions will vary. Pressure drops are based on clean filter bed.	Operating Water Temperature Range Operating Ambient Temperature Range Operating Pressure Range	Max 100° Max 120° Max 125 psi	Minimum 35° Minimum 35° Minimum 20 psi
	Electrical Requirements Feed Water Turbidity Chlorine Iron > 8 mg/l	110V-60Hz primary	24V-60Hz operating 5.0 NTU Max 1.0 mg/l Max Consult Aqua Systems