

# PRODUCT DATA SHEET

## AUTOMATIC CARBON FILTER SYSTEMS

### MEDIUM FLOW COMMERCIAL 3150 SERIES



Single tank model shown  
with optional electronic timer

#### Standard Features:

Time Clock  
2" Female Inlet/Outlet Connections  
Lead-Free Brass Control Valve  
Motor-Driven Piston-Operated Valve  
Fiberglass Resin Tank(s)  
Pressure Gauge & Sample Valve Ports

#### High Activated Carbon

High activity carbon is effective for chlorine removal, taste and odor control. These filters are a great fit for de-chlorinating municipal water supplies or as post chlorination treatment on wells with low iron content. Carbon filters can be operated on a wide range of pH. Consult Aqua Systems before applying this product to non-potable water or for purposes other than chlorine removal, taste and odor control.

#### Carbon Properties

Carbon Type	Bituminous Coal
Iodine #	850 min. 900 typical
Bulk Density	31 lbs./cf.
Effective Size, mm	0.55 -0.75
Abrasion Number (min)	75

## PRODUCT SPECIFICATIONS (per unit)

Model Series	Media Qty Cubic Feet	Sq. Ft. Bed Area	Media Tank Dia. X Ht (Tank base not included)	Service Operating Conditions				Max Drain Flow gpm
				Dechlorination 10 gpm/sq. ft.	PSI Drop	Organic 5 gpm/sq. ft.	PSI Drop	
1000	10.0	3.14	24" x 72"	32	10	16	5	30.0
1500	15.0	4.91	30" x 72"	50	12	25	8	50.0
2000	20.0	7.07	36" x 72"	70	17	35	9	70.0
3000	30.0	9.62	42" x 72"	96	24	48	12	95.0

Flow rate at 10 gpm/sq. ft. is based on dechlorination. Flow rate at 5 gpm/sq. ft. is based on organics removal. 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.  
Tank dimensions are based on fiberglass only. Steel tanks dimensions will vary.

Operating Water Temperature Range  
Operating Ambient Temperature Range  
Operating Pressure Range  
Electrical Requirements  
Feedwater Turbidity

Max 100°  
Max 120°  
Max 125 psi

Minimum 35°  
Minimum 35°  
Minimum 20 psi  
110V-60Hz  
5.0 N.T.U. Max



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