

PRODUCT DATA SHEET

AUTOMATIC CARBON FILTER SYSTEMS

MEDIUM FLOW COMMERCIAL 2850 SERIES



Model Series 700 Shown
with optional electronic timer

Standard Features:

- Time Clock
- 1-1/2" 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	
400	4.0	1.39	16" x 65"	14	7	7	4	15.0
500	5.0	1.76	18" x 65"	18	8	9	4	20.0
700	7.0	2.40	21" x 62"	24	9	12	5	25.0
1000	10.0	3.14	24" x 72"	32	11	16	5	30.0

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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