

# CARBON FILTER SYSTEMS

## CHLORINE /TASTE/ODOR REMOVAL 1.5" SERIES



Model 500 Filter Shown

### Standard Features:

- Electronic Control
- Fully Programmable Regeneration Cycle Sequence
- Optional Inlet/Outlet Connections
- Motor-Driven Piston-Operated Valve
- Fiberglass Resin Tank(s)
- Corrosion resistant wetted components

### High Activated Carbon

High activity carbon is effective for chlorine removal, taste and light 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 light odor control.

### Media Properties

Carbon Type	Coconut Shell
Iodine #	1000 mg/g
Bulk Density	28 lbs./cf.

### Custom Configurations Built to User Requirements

- Systems can be built to fit a wide range of user applications
- ASME tanks available on request
- Skid mounting Pre-Piping
- Custom Tailoring

## PRODUCT SPECIFICATIONS

Model Number	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	Taste/Odor 5 gpm/sq. ft.	PSI Drop	
300	3	1.07	14" x 65"	10	5	5	3	10
400	4	1.39	16" x 65"	14	6	7	4	15
500	5	1.76	18" x 65"	18	7	9	4	20
700	7	2.4	21" x 62"	24	8	12	5	25
1000	10	3.14	24" x 72"	32	9	16	5	30
1500	15	4.91	30" x 72"	50	14	25	9	50

Flow rate at 10 gpm/sq. ft. is based on dechlorination. Flow rate at 5 gpm/sq. ft. is based on taste and odor reduction.

### 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.  
Pressure drops are based on clean filter bed.  
Specifications subject to change without notice.

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

Max 100°  
Max 120°  
Max 125 psi  
110V-60Hz primary  
5.0 N.T.U. Max

Minimum 35°  
Minimum 35°  
Minimum 20 psi



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