

# Industrial / Commercial Automatic Backwashing Carbon Filters



Capacity is 300,000 ppm removal of organics per cubic foot of carbon  
8 - 140 gallons per minute

Automatic backwashing carbon filters are designed and manufactured for outstanding service. All brass valve, fiberglass media tank, and granular activated carbon are manufactured in the USA for reliable operation. Backwash and cleansing cycles are initiated by a 7-day timer with fully adjustable controls.

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ADVANCED **WATER** SOLUTIONS SINCE 1939



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Ohio 45449  
800-424-9250 • fax 937-866-4197  
[www.daytonwatersystems.com](http://www.daytonwatersystems.com)

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## Product Information

### *Chlorine Removal Flow Rates between 8 – 25 gpm, 1", 1 to 5 cu ft, Fleck 2750 valve*

<b>Model Number</b>	<b>CFV10</b>	<b>CFV12</b>	<b>CFV13</b>	<b>CFV14</b>	<b>CFV16</b>	<b>CFV18</b>
Carbon (cubic feet)	1.25	2	2.5	3	4	5
Media Tank Size (inches)	10x54	12x52	13x54	14x65	16x65	18x65
FLOW RATES (Max)(gpm):						
Chlorine Removal	8	11	13	16	20	25
General Organics	2.5	3.5	4.2	4.8	6.3	8
Toxic & Hazardous Organics	1.6	2.4	2.8	3.2	4.2	5.3
Drain Flow Rate (max)(gpm)	5	7	8.5	10	12	15
Valve Pipe Size	1"	1"	1"	1"	1"	1"

### *Chlorine Removal Flow Rates between 33 – 140 gpm, 1 1/2", 2" and 3", 7 to 30 cu ft, Fleck 2850, 3150 and 3900 valves*

<b>Model Number</b>	<b>CFV21</b>	<b>CFV24</b>	<b>CFV30</b>	<b>CFV36</b>	<b>CFV42</b>
Carbon (cubic feet)	7	10	15	20	30
Media Tank Size (inches)	21x62	24x72	30x72	36x72	42x72
FLOW RATES (Max)(gpm):					
Chlorine Removal	33	45	70	100	140
General Organics	10.2	14.1	22.1	31.8	43.3
Toxic & Hazardous Organics	7	9.4	14.7	21.2	28.8
Drain Flow Rate (max)(gpm)	20	25	45	65	85
Valve Pipe Size	1 1/2"	1 1/2"	2"	2"	3"

#### NOTES:

Capacity is 300,000 ppm removal of organics per cubic foot of carbon.

Water should be free of suspended solids and oil and relatively free of turbidity and iron.  
<25 psi drop at peak flow rate.

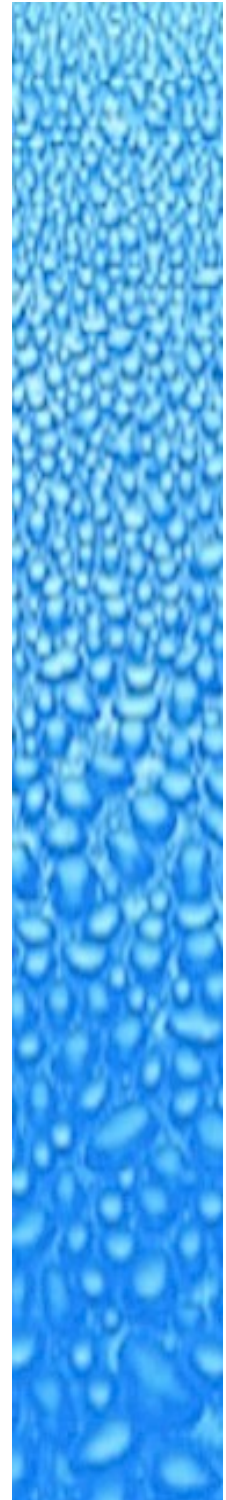
Use minimum capacity when sizing units.

Carbon is an industrial grade 12x40 mesh with an iodine number of 1,000 and maximum ash content of 6%. This carbon is not suitable for high purity or dialysis applications.

Optional Calgon granular activated carbon may be used in high purity applications.

#### OPERATING REQUIREMENTS:

Pressure: 40 psi – 100 psi  
 Temperature: 35°F - 100°F  
 Electrical: 120/60, 5 amps  
 Turbidity: 5 NTU Max  
 Iron: 2 ppm Max



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