

# COMMERCIAL CARBON FILTERS



## SWT POINT-OF-ENTRY CARBON FILTERS



Safe Water Technologies' Commercial Carbon Filters are built utilizing SWT's ProActive™ carbon — the best grade of non-viscous, coal based, virgin, steam activated carbon available. These filters are designed to be high quality, taste, odor, chlorine, color, and chemical reduction filters. Plus, SWT takes care of the little extras such as machined distribution systems and anthracite underbedding to prevent channeling.

- Acid washed, coconut shell, and catalytic carbons also available
- 100% corrosion-free system features wound fiberglass tank with polyethylene lining (150 PSI operating pressure, 10 year warranty)
- Fully programmable, energy efficient controller uses less than \$5.00 of electricity per year
- All international voltages available

Part Number	Tank Size Inches	GAC Mesh Size	Service Flow Rate *		Backwash 40% Exp. @ 50°F GPM (LPM)	Standard Connection Size
			Standard GPM (LPM)	VOC Reduction GPM (LPM)		

### Tech Series Automatic Backwashing Carbon Filters

CFA350C	14 x 65	12 x 40	17.5 (66)	< 6.5 (25)	10 (38)	1 inch Brass Sweat
CFA400C	16 x 65	12 x 40	20 (76)	< 8 (30)	15 (57)	1.25 inch MNPT
CFA500C	18 x 65	12 x 40	25 (95)	< 10 (38)	18 (68)	1.25 inch MNPT
CFA600C	21 x 62	12 x 40	30 (114)	< 12 (45)	24 (91)	1.5 inch MNPT
CFA950C	24 x 72	12 x 40	45 (171)	< 20 (76)	38 (144)	1.5 inch MNPT
CFA1400C	30 x 72	12 x 40	60 (227)	< 30 (114)	60 (227)	1.5 inch MNPT

### Logix Series Automatic Backwashing Carbon Filters

CFA350L	14 x 65	12 x 40	17.5 (66)	< 6.5 (25)	10 (38)	1 inch Copper Tube
CFA400L	16 x 65	12 x 40	17.5 (66)	< 8 (30)	15 (57)	1 inch Copper Tube
CFA500L	18 x 65	12 x 40	25 (95)	< 10 (38)	18 (68)	1.5 inch MNPT
CFA600L	21 x 62	12 x 40	30 (114)	< 12 (45)	24 (91)	1.5 inch MNPT **
CFA950L	24 x 72	12 x 40	45 (171)	< 20 (76)	38 (144)	1.5 inch MNPT **
CFA1400L	30 x 72	12 x 40	60 (227)	< 30 (114)	60 (227)	1.5 inch MNPT **

\* For superior filtration, reduce flow rates by 1/3 of the standard flow rate specification.

\*\* Available with 2 inch MNPT connections.

International voltages available at additional cost. Contact your SWT representative for details.

All systems have other piping connections available. Contact your SWT representative for details.

1.5 and 2 inch systems have a no-unfiltered-water bypass option available at additional cost.

**Operating pressure:** 25 to 125 psi (1.7 to 8.6 bar)

**Operating temperature:** 36 to 120°F (2 to 48.9°C)

All pressure vessels are wound fiberglass, reinforced polyethylene or polypropylene copolymer, and are NSF® listed.

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## SWT POINT-OF-ENTRY CARBON FILTERS

### Non-Backwashing Carbon Filters



Part Number	Tank Size Inches	Mesh Size	Service Flow Rate *		Backwash Rate	Standard Connection Size
			Chlorine, Taste & Odor GPM (LPM)	VOC Reduction GPM (LPM)		
CFN016	6 x 12	20 x 50	0.7 (3)	< 0.3 (1)	N/A	0.75 inch FNPT
CFN025	6 x 18	20 x 50	1 (4)	< 0.5 (2)	N/A	0.75 inch FNPT
CFN050	7 x 35	12 x 40	4 (15)	< 1.0 (4)	N/A	0.75 inch FNPT
CFN075	7 x 44	12 x 40	4-6 (15-23)	< 1.5 (6)	N/A	0.75 inch FNPT
CFN100	8 x 44	12 x 40	5-8 (19-30)	< 2.0 (8)	N/A	0.75 inch FNPT
CFN150	9 x 48	12 x 40	7-9 (26-34)	< 2.0 (8)	N/A	0.75 inch FNPT
CFN200	10 x 54	12 x 40	10 (38)	< 3.0 (11)	N/A	1 inch FNPT
CFN250	12 x 52	12 x 40	12 (45)	< 4.0 (15)	N/A	1 inch FNPT

\* For superior filtration, reduce flow rates by 1/3 of the standard flow rate specification.

**Operating pressure:** 20 to 150 psi (1.4 to 10.3 bar)

**Operating temperature:** 36 to 120°F (2 to 48.9°C)

All pressure vessels are wound fiberglass, reinforced polyethylene or polypropylene copolymer, and are NSF® listed. Bituminous GAC is standard. Coconut shell or catalytic carbons are available upon request.

### Manual Backwashing Carbon Filters



Part Number	Tank Size Inches	Mesh Size	Service Flow Rate *		Backwash 40% Exp. @ 50°F GPM (LPM)	Standard Connection Size
			Chlorine, Taste & Odor GPM (LPM)	VOC Reduction GPM (LPM)		
CFM050	7 x 44	12 x 40	4 (15)	< 1.5 (6)	2.5 (10)	0.75 inch FNPT
CFM075	8 x 44	12 x 40	4-6 (15-23)	< 2.0 (8)	3.5 (13)	0.75 inch FNPT
CFM100	9 x 48	12 x 40	5-8 (19-30)	< 2.0 (8)	4.5 (17)	0.75 inch FNPT
CFM150	10 x 54	12 x 40	7-9 (26-34)	< 3.0 (11)	5.0 (19)	0.75 inch FNPT
CFM200	12 x 52	12 x 40	10 (38)	< 4.0 (15)	7.0 (27)	0.75 inch FNPT

\* For superior filtration, reduce flow rates by 1/3 of the standard flow rate specification.

**Operating pressure:** 20 to 150 psi (1.4 to 10.3 bar)

**Operating temperature:** 36 to 120°F (2 to 48.9°C)

All pressure vessels are wound fiberglass, reinforced polyethylene or polypropylene copolymer, and are NSF® listed. Bituminous GAC is standard. Coconut shell or catalytic carbons are available upon request.