

# 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)  | 1-1/4 inch MNPT    |
| CFA500C  | 18 x 65 | 12 x 40 | 25 (95)   | < 10 (38)  | 18 (68)  | 1-1/4 inch MNPT    |
| CFA600C  | 21 x 62 | 12 x 40 | 30 (114)  | < 12 (45)  | 24 (91)  | 1-1/2 inch MNPT    |
| CFA950C  | 24 x 72 | 12 x 40 | 45 (171)  | < 20 (76)  | 38 (144) | 1-1/2 inch MNPT    |
| CFA1400C | 30 x 72 | 12 x 40 | 60 (227)  | < 30 (114) | 60 (227) | 1-1/2 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)  | 1-1/2 inch MNPT    |
| CFA600L  | 21 x 62 | 12 x 40 | 30 (114)  | < 12 (45)  | 24 (91)  | 1-1/2 inch MNPT**  |
| CFA950L  | 24 x 72 | 12 x 40 | 45 (171)  | < 20 (76)  | 38 (144) | 1-1/2 inch MNPT**  |
| CFA1400L | 30 x 72 | 12 x 40 | 60 (227)  | < 30 (114) | 60 (227) | 1-1/2 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.

1-1/2 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           | 3/4 inch FNPT            |
| CFN025      | 6 x 18           | 20 x 50   | 1 (4)                            | < 0.5 (2)               | N/A           | 3/4 inch FNPT            |
| CFN050      | 7 x 35           | 12 x 40   | 4 (15)                           | < 1.0 (4)               | N/A           | 3/4 inch FNPT            |
| CFN075      | 7 x 44           | 12 x 40   | 4-6 (15-23)                      | < 1.5 (6)               | N/A           | 3/4 inch FNPT            |
| CFN100      | 8 x 44           | 12 x 40   | 5-8 (19-30)                      | < 2.0 (8)               | N/A           | 3/4 inch FNPT            |
| CFN150      | 9 x 48           | 12 x 40   | 7-9 (26-34)                      | < 2.0 (8)               | N/A           | 3/4 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)                           | 3/4 inch FNPT            |
| CFM075      | 8 x 44           | 12 x 40   | 4-6 (15-23)                      | < 2.0 (8)               | 3.5 (13)                           | 3/4 inch FNPT            |
| CFM100      | 9 x 48           | 12 x 40   | 5-8 (19-30)                      | < 2.0 (8)               | 4.5 (17)                           | 3/4 inch FNPT            |
| CFM150      | 10 x 54          | 12 x 40   | 7-9 (26-34)                      | < 3.0 (11)              | 5.0 (19)                           | 3/4 inch FNPT            |
| CFM200      | 12 x 52          | 12 x 40   | 10 (38)                          | < 4.0 (15)              | 7.0 (27)                           | 3/4 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.