

CF SERIES

CARBON FILTERS

WCC's "CF" Series Commercial Carbon Filters feature Catalytic-High Activated Carbon (CAT-HAC) media for high-efficiency removal of chlorine, chloramine, hydrogen sulfide, and THM's, plus general improvement in water taste & odor. These units are self-cleaning, with a backwash cycle every few days. Systems are typically sized with adequate CAT-HAC to provide years of filtration before media replacement is required.

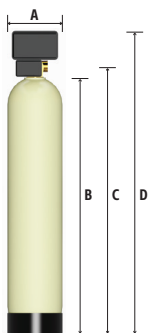


SPECIFICATIONS

Model	Media (cu ft)	Cv	Max Flow Rate: Chlorine Removal (gpm)*	Max Flow Rate: Chloramine, Taste/Odor, THM Removal (gpm)*	Service Connection (in)	Tank Size (dia. X height) (in) [A X B]	Inlet/Outlet Height (in) [C]	Overall Height (in) [D]	Drain Connection (in)	Backwash (gpm)**	Approx Ship Weight (lbs)
CFE-12	1.5	7.7	8 @ 1psid	4 @ 1psid	1 (poly)	12 X 52	54.5	64	3/4	8	120
CFE-14	3	7.3	11 @ 2psid	5 @ 1psid	1 (poly)	14 X 65	67.5	77	3/4	10	162
CFE-16	4	7.7	14 @ 3psid	7 @ 1psid	1 (poly)	16 X 65	67.5	77	3/4	15	215
CFE-18	5	7.7	18 @ 3psid	9 @ 1psid	1 (poly)	18 X 65	67.5	77	3/4	20	273
CFE-21	6	7.7	24 @ 3psid	12 @ 1psid	1 (poly)	21 X 65	67.5	77	3/4	25	316
CFE-24	8	7.7	31 @ 3psid	16 @ 1psid	1 (poly)	24 X 65	67.5	77	3/4	30	497
CFS-12	1.5	4.8	8 @ 3psid	4 @ 1psid	1 (brass)	12 X 52	53/55.5	58.5	3/4	8	130
CFS-14	3	5.4	11 @ 4psid	5 @ 1psid	1 (brass)	14 X 65	66/68.5	71.5	3/4	10	172
CFS-16	4	5.4	14 @ 7psid	7 @ 2psid	1 (brass)	16 X 65	66/68.5	71.5	3/4	15	225
CFM-14	3	8.4	11 @ 2psid	5 @ 0.5psid	1.5 (brass)	12 X 52	53.75/54.5	58.5	1	10	182
CFM-16	4	9	14 @ 2psid	7 @ 1psid	1.5 (brass)	14 X 65	66.75/67.5	71.5	1	15	250
CFM-18	5	9.5	18 @ 4psid	9 @ 1psid	1.5 (brass)	16 X 65	66.75/67.5	71.5	1	20	273
CFM-21	6	10.2	24 @ 6psid	12 @ 1psid	1.5 (brass)	18 X 65	66.75/67.5	71.5	1	25	316
CFM-24	8	11.2	31 @ 8psid	16 @ 2psid	1.5 (brass)	21 X 62	63.75/64.5	68.5	1	30	497
CFL-14	3	11	11 @ 1psid	5 @ 0.5psid	2 (brass)	14 X 65	68.75	75	1	10	207
CFL-16	4	12.8	14 @ 1psid	7 @ 0.5psid	2 (brass)	16 X 65	68.75	75	1	15	245
CFL-18	5	15.5	18 @ 1psid	9 @ 0.5 psid	2 (brass)	18 X 65	68.75	75	2	20	293
CFL-21	6	16.4	24 @ 2psid	12 @ 1psid	2 (brass)	21 X 62	65.75	72	2	25	266
CFL-24	8	19	31 @ 3psid	16 @ 1psid	2 (brass)	24 X 72	75.75	82	2	30	472
CFL-30	12	21	49 @ 5psid	25 @ 2psid	2 (brass)	30 X 72	75.75	82	2	45	787
CFL-36	18	22	71 @ 10psid	35 @ 3psid	2 (brass)	36 X 72	75.75	82	2	70	1055
CFL-42	24	30	96 @ 10psid	48 @ 3psid	2 (brass)	42 X 72	75.75	82	2	95	1323

* Max flow rate for minimum 90% contaminant reduction. Exceeding this flow rate will reduce contaminant removal.

** Backwash cycle runs for 10 minutes, every 2-4 days (application-dependent).



COMMON APPLICATIONS

- Pre-treatment for Reverse Osmosis
- Food and beverage manufacturing
- Drinking water taste/odor improvement
- General removal of chlorine, chloramine, and trihalomethanes

- 1 ppm chlorine removal capacity: 7 million gallons @ 2 GPM per ft³ media / 1 million gallons @ 4 GPM per ft³ media
- 1 ppm chloramine removal capacity: 3.5 million gallons @ 2 GPM per ft³ media / 500K gallons @ 4 GPM per ft³ media
- For increased capacity and redundancy, multiple units can be installed in parallel (allow a minimum of 6" between tanks)
- Electrical requirements: Provide standard, 3-prong outlet for each individual unit (120VAC, 5FLA, 60Hz)

FOR CUSTOM DRAWINGS, SPECIFICATIONS, AND REVIT® MODELS, CONTACT WCC.