

DCF3 Series Commercial Filters



Simply Pick A Media That
Solves The Water Problem !

Activated Carbon

Taste and Odor Removal - Dechlorination

Birm

Iron Removal

Calcite

Neutralization

Filter Ag

Turbidity Removal

Manganese Greensand

Iron Removal

*Available as a backwashing filter using continuous chlorine feed as pretreatment OR as a regenerating filter using potassium permanganate as a regenerant

Multi-Layer

High Flow Turbidity Removal



Packaged Water Filter Systems

Top Mounted Brass Control Valves

Various Filter Medias Available To Fit Most Applications

DCF3 Series Specifications

Model Number	Service Flow Rate						BKW. Rate (gpm)	Pipe Size (in.)	Tank Size (in.)	Media Qty. (cu. ft.)	Floor Space dia. x in.
	Excellent		High		Utility						
	Flow	pd	Flow	pd	Flow	pd					
DCF3-14AC	4	1	6	3	9	4	10	1	14x65	3	15x75
DCF3-16AC	6	1	8	3	11	4	15	1	16x65	4	17x75
DCF3-18AC	7	1	11	3	14	6	17	1	18x65	5	19x75
DCF3-21AC	9	2	13	4	17	7	20	1 1/2	21x62	7	22x74
DCF3-24AC	13	4	19	5	25	8	30	2	24x71	10	25x86
DCF3-30AC	20	5	29	6	39	10	50	2	30x72	15	31x87
DCF3-36AC	28	4	42	6	57	12	70	2	36x72	20	37x87
DCF3-14BI	4	2	6	4	9	7	10	1	14x65	3	15x75
DCF3-16BI	6	2	8	5	11	7	15	1	16x65	4	17x75
DCF3-18BI	7	3	11	6	14	8	17	1	18x65	5	19x75
DCF3-21BI	9	4	13	7	17	9	20	1/2	21x62	7	22x74
DCF3-24BI	13	6	19	8	25	11	30	2	24x71	10	25x86
DCF3-30BI	20	4	29	7	39	10	50	2	30x72	15	31x87
DCF3-36BI	28	4	42	7	57	10	70	2	36x72	20	37x87
DCF3-14CAL	3	1	5	2	6	3	15	1	14x65	3	15x75
DCF3-16CAL	4	1	6	2	8	4	20	1 1/2	16x65	4	17x77
DCF3-18CAL	6	2	9	3	12	4	25	1 1/2	18x65	5	19x77
DCF3-21CAL	7	2	10	3	13	4	30	2	21x62	7	22x77
DCF3-24CAL	9	2	14	3	19	5	50	2	24x71	10	25x86
DCF3-30CAL	15	4	22	6	29	8	70	2	30x72	15	31x87
DCF3-14AG	5	2	8	3	11	5	10	1	14x65	3	15x75
DCF3-16AG	7	2	10	4	14	6	15	1	16x65	4	17x75
DCF3-18AG	9	2	13	4	18	6	17	1	18x65	5	19x75
DCF3-21AG	11	2	16	4	22	6	20	1 1/2	21x62	7	22x74
DCF3-24AG	16	4	24	6	31	9	30	2	24x71	10	25x86
DCF3-30AG	25	5	37	7	49	10	50	2	30x72	15	31x87
DCF3-36AG	35	7	53	9	60	12	70	2	36x72	20	37x87
DCF3-14MG	4	2	6	4	9	7	10	1	14x65	3	15x75
DCF3-16MG	6	2	8	5	11	7	15	1	16x65	4	17x75
DCF3-18MG	7	3	11	6	14	8	17	1	18x65	5	19x75
DCF3-21MG	9	4	13	7	17	9	20	1 1/2	21x62	7	22x74
DCF3-24MG	13	6	19	8	25	11	30	2	24x71	10	25x86
DCF3-30MG	20	4	29	7	39	10	50	2	30x72	15	31x87
DCF3-36MG	28	4	42	7	57	10	70	2	36x72	20	37x87
DCF3-14ML	11	6	16	11	21	17	15	1	14x65	3	15x75
DCF3-16ML	14	6	21	10	28	15	20	1 1/2	16x65	4	17x77
DCF3-18ML	18	5	27	8	36	15	25	1 1/2	18x65	5	19x77
DCF3-21ML	22	3	33	6	44	10	30	2	21x62	6	22x77
DCF3-24ML	31	9	47	18	*		50	2	24x71	7	25x86
DCF3-30ML	49	12	*		*		70	2	30x72	10	31x87

• The pressure drop on these units will exceed 20 psi when operated at service flows above those stated.

Pd – Pressure drop that can be expected at the specified service flow rate.

FILTER MEDIA:

- AC – Activated Carbon. Use the Utility Service Flow Rate when sizing filters for Dechlorination
- BI – Birm. The Dissolved Oxygen content of the raw water must be equal to at least 15% of the Iron (or Iron and Manganese)
- CAL – Calcite. Standard is a 5 to 1 Calcite/Corosex mix. For greater neutralization on high service flow rate systems consult factory for optional mixes.
- AG – Filter Ag. Approximately 40 micron filtration at the specified service flow rate
- MG – Manganese Greensand. Raw water pH range should be 6.2 - 8.5 for proper operation. Specify backwashing filter or regenerating filter using potassium permanganate
- ML – Multi-Layer. Approximately 10 micron filtration at Excellent Service Flow Rate

PIPE SIZE:

- 1 in. – Fleck 2750 Time Clock Control Valve
- 1 1/2 in. – Fleck 2850 Time Clock Control Valve
- 2 in. – Fleck 3150 Time Clock Control Valve

These conditioners will not purify or make your water safe to drink.
Product improvements and design changes subject to change without notice.

WARRANTY:

A limited warranty applies to the following components as indicated provided the equipment is operated within the specified properties of each component.

- Fiberglass media tank - 5 years
- Control valve - 3 years

See Owner's Manual for details

Your Authorized Dealer:

STANDARD OPERATING SPECIFICATIONS:

- 20 psi to 125 psi water pressure
- 40° F to 110° F water temperature
- 120 volt/60-cycle outlet

