

TERTIARY FILTER VOLUME DATA

Filter Drawing Number	Filter Model Number	Design Flow Gal / Day See Note 1	Filter Cell Area Sq. Ft. Each Cell	Backwash Surge Tank Gallons	Backwash Clearwell Gallons	Chlorine Tank Gallons	Backwash Pump GPM HP Model See Note 2 & 3			Surge Pump GPM HP Model See Note 3			Air Scour Blower CFM HP Model See Note 3		
PF-1-C	TF-2-2-C	5,000	2	307	309	103	30	0.5	WS0532B	0.5	.50	WS0532B	No Air Scour on this small unit		
PF-2-C	TF-2-6-C	17,000	6	960	1040	445	90	0.75	WS0738BF	1.7	.50	WS0532B	15	1.0	URAI-22
PF-2-C	TF-2-7-C	20,000	7	1390	1060	520	105	0.75	WS0738BF	2	.50	WS0532B	15	1.0	URAI-22
PF-3-C	TF-2-11-C	31,000	11	1765	1945	920	165	1.5	WS1532D3	3	.50	WS0532B	15	1.0	URAI-22
PF-3-C	TF-2-14-C	40,000	14	2250	2120	1150	210	1.5	WS1532D3	4	.50	WS0532B	15	1.0	URAI-22
PF-4-C	TF-2-18-C	51,000	18	2890	2710	1380	270	2.0	WS2032D3	5	.50	WS0532B	25	1.5	URAI-22
PF-4-C	TF-2-21-C	60,000	21	3375	3185	1660	315	3.0	WS3032D3	6	.50	WS0532B	25	1.5	URAI-22
PF-4-C	TF-2-25-C	72,000	25	4020	3825	1935	375	5.0	WS5032D3	7	.50	WS0532B	32	2.0	URAI-22
PF-5-C	TF-2-28-C	80,000	28	4500	4200	2210	420	5.0	WS5032D3	8	.50	WS0532B	32	2.0	URAI-22
PF-5-C	TF-2-32-C	92,000	32	5145	4880	2485	480	7.5	WS7532D4	9	.50	WS0532B	32	2.0	URAI-24
PF-5-C	TF-2-35-C	100,800	35	5570	5260	2625	525	7.5	4SHDF75N4	10	.50	WS0532B	42	2.0	URAI-24
PF-6-C	TF-2-39-C	112,300	39	6270	5895	3040	585	7.5	4SHDG75N4	11	.50	WS0532B	42	2.0	URAI-24
PF-6-C	TF-2-42-C	120,900	42	6750	6370	3180	630	7.5	4SHDG75N4	12	.50	WS0532B	42	2.0	URAI-24
PF-6-C	TF-2-46-C	132,400	46	7235	6910	3455	690	10.0	4SHDG100N4	13	.50	WS0532B	52	2.0	URAI-24
PF-6-C	TF-2-49-C	141,100	49	7715	7385	3735	735	10.0	4SHDG100N4	14	.50	WS0532B	52	2.0	URAI-24
PF-6-C	TF-2-53-C	152,600	53	8360	8065	4010	795	10.0	4SHDG100N4	15	.50	WS0532B	52	2.0	URAI-24

Note 1: Flow rate design based on 1 gpm / sq. ft.

Note 2: Backwash flow rate based on 15 gpm / sq. ft.

Note 3: Models shown are Roots in DGT B-A Fiberglass Enclosures