LIQUID FLOW RATES FOR HEADLINE HOUSINGS

WATER FLOW RATES IN GPH (LPM) AT 1.5 PSI DROP

Disposable Filter Element Grade C, CS, K, L, S	SS Element Grade	PTFE Element Grade	BASIC ELEMENT CODES					
			12-32	**12-57**	**25-64**	**25-178**	**51-230**	**51-476**
30			1 (.06)	2 (.12)	6 (.4)	11 (.7)	34 (2)	72 (4)
40	01	--	3 (.2)	5 (.3)	13 (.8)	32 (2)	79 (5)	158 (9.9)
50	03	03	6 (.4)	11 (.7)	26 (1.6)	61 (3.8)	158 (9.9)	264 (16.6)
60	10	10	16 (1)	26 (1.6)	62 (3.9)	111 (7)	317 (20)	370 (23.3)
70	25	25	21 (1.3)	27 (1.7)	84 (5.3)	132 (8.3)	343 (21.6)	396 (25)
	50		22 (1.4)	29 (1.8)	90 (5.6)	140 (8.8)	360 (23)	410 (26)
80	100	--	23 (1.5)	33 (2.1)	95 (5.9)	158 (9.9)	370 (23.3)	422 (26.6)
--	200	--	29 (1.8)	41 (2.6)	118 (7.4)	185 (11.7)	462 (29)	527 (33.2)

Above flow rates are gallons per hour (liters per minute).

Support cores are recommended for all liquid applications using disposable elements. Support cores should not be used with fast loop housings 126IL-3, 127IL-3, 136IL-3 and 146IL-3. They should only be used with traditional T-type housings.

Flow rates are generally proportional to pressure drop. If initial pressure drop of 3 psi can be tolerated, then the above flow rate can be doubled. Flow rates are generally inversely proportional to liquid viscosity.

DIF (DISPOSABLE IN LINE) FILTRATION PROPERTIES/FLOW RATES

DIF MODEL NO.	FILTRATION EFFICIENCY 98% Removal Rating*	WATER FLOW RATE Gallons/Hr at 1.5 PSIG pressure drop	FLOW RATES FOR DIF-L (Large DIF'S) ** Gallons/Hr at 1.5 PSIG pressure drop
DIF-N30 or K30	0.3 micron	1.3	13
DIF- N40 or K40	1 micron	3.2	26
DIF-N50 or K50	2 micron	6.6	62
DIF-N60 or K60	8 micron	13	84
DIF-N70 or K70	25 micron	16	95
DIF-N80 or K80	75 micron	17	118

*DIF assemblies utilize borosilicate microfiber with fluorocarbon binder
**Gallons/Hr at 1.5 PSIG pressure drop

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FINE FILTRATION FOR INDUSTRY