

LIQUID FLOW RATES FOR HEADLINE PRODUCTS

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

Disposable (grade) Filter Element Grade C, K, S	Stainless Steel (micron) Element Grade	PTFE (micron) Element Grade	HOUSING MODEL SERIES					
			110 Series	120 315 Series	130 360 Series	140 370 Series	150 385A Series	160 390A Series
30	--	--	1 (.06)	2 (.12)	6 (0.4)	11 (0.7)	34 (2.0)	72 (4.0)
40	01	--	3 (0.2)	5 (0.3)	13 (0.8)	32 (2.0)	79 (5.0)	158 (9.9)
50	03	03	6 (0.4)	11 (0.7)	26 (1.6)	61 (3.8)	158 (9.9)	264 (16.6)
60	10	10	16 (1.0)	26 (1.6)	62 (3.9)	111 (7.0)	317 (20.0)	370 (23.3)
70/70C	25	25	21 (1.3)	27 (1.7)	84 (5.3)	132 (8.3)	343 (21.6)	396 (25.0)
--	50	--	22 (1.4)	29 (1.8)	90 (5.6)	140 (8.8)	360 (23.0)	410 (26.0)
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 (29.0)	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
DIF-MN30	0.3 micron	0.6
DIF-MN40	1 micron	1.6
DIF-MN50	2 micron	3.3
DIF-MN60	8 micron	6.5
DIF-MN70	25 micron	8.0
DIF-MN80	75 micron	8.5

*DIF assemblies utilize borosilicate microfiber with fluorocarbon binder



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TLF-2



Partner of
Headline Filters

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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
DIF-BN30 or BK30	0.3 micron	1.3
DIF-BN40 or BK40	1 micron	3.2
DIF-BN50 or BK50	2 micron	6.6
DIF-BN60 or BK60	8 micron	13.0
DIF-BN70 or BK70	25 micron	16.0
DIF-BN80 or BK80	75 micron	17.0

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DIF MODEL NO.	FILTRATION EFFICIENCY 98% Removal Rating*	WATER FLOW RATE Gallons/Hr at 1.5 PSIG pressure drop
DIF-IN30	0.3 micron	2.6
DIF-IN40	1 micron	6.4
DIF-IN50	2 micron	13.2
DIF-IN60	8 micron	26.0
DIF-IN70	25 micron	32.0
DIF-IN80	75 micron	34.0

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DIF MODEL NO.	FILTRATION EFFICIENCY 98% Removal Rating*	WATER FLOW RATE Gallons/Hr at 1.5 PSIG pressure drop
DIF-LN30 or LK30	0.3 micron	13.0
DIF-LN40 or LK40	1 micron	26.0
DIF-LN50 or LK50	2 micron	62.0
DIF-LN60 or LK60	8 micron	84.0
DIF-LN70 or LK70	25 micron	95.0
DIF-LN80 or LK80	75 micron	118.0

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