



KGT LARGE FLOW FILTER



ABOUT

The KGT Large Flow filter is a large diameter filter having single open ended design with option of pleated and depth media.

The flow pattern is from the inside to the outside of the filter element. Special pleated structure with large diameter of 6 inches; with lengths from 20 inches up to 60 inches, the filter boasts of a capacity of up to 1500 lpm per cartridge.

The KGT Large flow filter is available in polypropylene and glass fibre to handle a wide range of liquids.



ADVANTAGES

- Due to large flow capacity, filter system can be designed up to 50% smaller footprint when compared to standard filter of 2.5" diameter and 40" length.
- Each KGT Large Flow filter replaces upto 20 small diameter elements for the same flow.
- Reproducible performance by virtue of absolute removal rating
- Available in 10/20/30/40/60 inches length
- All polymeric construction ensures minimal disposal costs.
- The contamination is trapped within the filter due to inside to outside flow pattern, benefitting clean filter changeover.



DIFFERENTIAL PRESSURE DATA

For Normal Flow from Inside to Outside for liquids compatible with the filter media, the maximum differential pressure is

Polypropylene Medium: 36psid (2.5 bard)@75°C

Glass Fibre Medium: 36psid (2.5 bard)@110°C

(This data is compiled for Water Service)

APPLICATIONS

Process Water	RO Pre-filtration
Amine, Glycol	Brine, Seawater
White Fuels	Naphtha, HC Condensate





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PART NUMBERING GUIDE

Filter Element Part Number : KGT - ● - 06 - ■ - HF - ▲ - ◆



Short Code	Removal Rating	Clean Pressure Drop Across Element (mbar/m3/hr)		
		20 inches	40 inches	60 inches
	$\eta > 99.9\%$			
020	2 μm	5.00	2.40	2.10
050	5 μm	2.70	1.26	1.08
100	10 μm	1.65	0.96	0.69
200	20 μm	1.23	0.81	0.57
400	40 μm	0.93	0.54	0.27
1000	100 μm	0.66	0.30	0.15

(Values are for Water at 25°C)



Short Code	Description Filter Area	
	Length (inches)	m2 (GF/PP)
0620	20	2.8 / 2.55
0640	40	5.4 / 5.1
0660	60	8.1 / 7.65

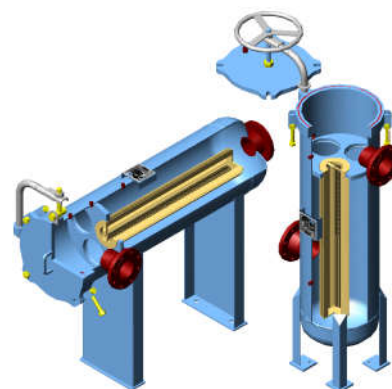


Short Code	Filter Media
	Material Of Construction
PP	Polypropylene
GF	Glass Fibre



Short Code	'O' - ring Seal
	Material Of Construction
N	Nitrile
E	EPDM
S	Silicone
V	Viton® A

Viton® is a registered trademark of Chemours Company.



Filter Vessels/skids possible in CS, SS, PP, PP/FRP construction to suit process conditions.



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