

GL SERIES

Multi-Cartridge Filter Housings

- Universal 2.5" OD cartridge filter housing
- ASME design/non-code
- SS304 and SS316 are NSF/ANSI 61 certified

Multi-purpose industrial ASME code ("U" & "UM") and non-code design housings.



SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

MEDIA

Accepts multiple industry standard double open end (DOE) style 10", 20", 30" or 40" cartridges

**Models can be designed to accept single open end cartridges*

DESIGN PRESSURE

150psig (10.3bar) @ 400°F (204.4°C)

AVAILABLE MATERIALS

Carbon or Stainless Steel 304 or 316*. Also available in LDX2101, C276, AL6XN, 2205, 2507 & Monel 400.

**NSF/ANSI 61 certification available for SS304 and SS316 (S4GL/ S6GL).*

ADDITIONAL FEATURES

Swing bolt closure allows for quick element change out



Custom sizes, configurations, materials of construction and other options may be available. Please contact Fil-Trek

For more information, e-mail: info@fil-trek.com or visit Fil-Trek.com

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HOUSING SPECIFICATIONS

*Indicates standard configuration

Inlet/Outlet	Flange or NPT
Dirty Drain	1" NPT on GL16 and smaller 2" NPT on GL18 and larger
Clean Drain	1" NPT on GL16 and smaller 2" NPT on GL18 and larger
Vent	½" NPT on all sizes
Gauges	½" NPT on all sizes
Cover	Flat top cover on GL10 and smaller (std)
Closure	Swing bolt closure, CSYZP
Headlift	Mechanical Davit on GL12 and larger (std) Hydraulic Davit on GL40 and larger (std)
Legs	Welded angle iron legs w' footpads
Standard Pressure	150 PSIG *Other pressures available
Standard Temperature	400°F (204°C) *Other temperatures available
Certifications	ASME Section VIII, Div. I U, UM, CE, NB, CRN

MATERIAL OF CONSTRUCTION

MATERIAL	MAX. OPERATING PRESSURE	MAX. DESIGN TEMP
304 Stainless Steel*	150 psi (10.3bar)	400°F (204°C)

*NSF/ANSI 61 certification available for SS304 and SS316 (S4GL/S6GL).

MODEL FLOW RATES

MODEL	2.5" OD FILTERS		2.75" OD FILTERS		MAX FLANGE
	# OF FILTERS	FLOW RATE (GPM)	# OF FILTERS	FLOW RATE (GPM)	
GL06	3	60	2	40	2"
GL10	10	200	8	160	3"
GL13	15	300	12	240	4"
GL16	25	500	20	400	6"
GL20	40	800	32	640	6"
GL24	60	1200	52	1040	8"
GL28	81	1620	66	1320	10"
GL32	112	2240	86	1720	10"
GL36	142	2840	110	2200	12"
GL40	180	3600	135	2700	14"
GL44	211	4220	175	3500	16"
GL48	258	5160	210	4200	16"
GL52	300	6000	250	5000	18"
GL56	351	7020	290	5800	18"
GL60	402	8040	335	6700	20"

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HOUSING OPTIONS

*Indicates standard configuration

Configuration (-) A – Side in/side out*

- Options**
(at right)
- B – In-Line
 - C – Side in/Bottom out
 - D – Side in/Side out, Same Side

Finish (-) External paint "National Blue" (std for carbon steel housings)*

- Options**
- (-) Bead Blast (std for stainless steel 304 and 316)***
 - EP1 – Electro polish Inside/Outside
 - EP2 – Inside only
 - EP3 – Outside only
 - PP – Passivation

O-Ring (-) BN – Buna-N*

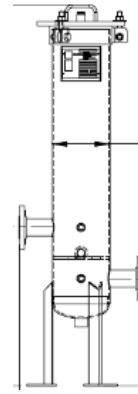
- Options**
- ED – EPDM
 - VI – Viton
 - SI – Silicone
 - TEV – Teflon encapsulated Viton
 - TF – Teflon

Filter (-) E1 – Double Open End (std)*

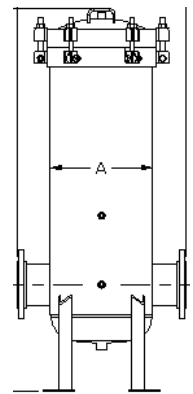
- Configuration**
- E2 – DOE with Gasket Ends
 - E3 – DOE with 1" Ext. Core
 - E4 – SOE Flat End 222 Open End
 - E5 – SOE Fin End 222 Open End
 - E8 – SOE Plastic Spring Top 222
 - E9 – SOE Plastic Spring Top

Accessories Direct Reading Gauge, DP Gauge, Safety Relief Valves, Vent Valves, Drain Valves, Air Eliminator

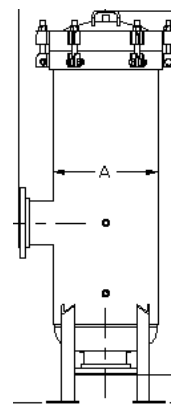
A Side in/side out*



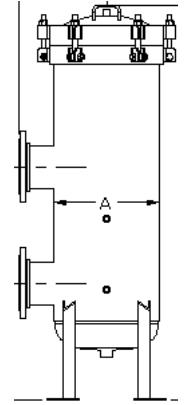
B In-Line



C Side in/Bottom out



D Side in/Side out, Same Side



PRODUCT NOMENCLATURE

S6	GL	16	025	4	6F	150	-
MOC	MODEL	HOUSING DIAMETER	# OF FILTERS	LENGTH	CONNECTION TYPE	DESIGN PRESSURE	OPTIONS
(-) CS S4 SS304** S6 SS316**	GL – ASME Code* EGL – Non-Code	See Table	See Table	1 – 10" 2 – 20" 3 – 30" 4 – 40"	See Table	150	See "Housing Options"

*GL series is an ASME code stamped housing. This vessel is also available in an industrial non-code design. For non-code, add the prefix "E" to the GL in the part number.

**NSF/ANSI 61 certification available for SS304 and SS316 (S4GL/S6GL).



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MODEL DIMENSIONAL DETAILS

MODEL	SHIPPING WGT (LBS)	A	B	C	D	E
GL06-003-4-2F	150	6 5/8"	22 1/2"	15"	16"	64"
GL10-010-4-3F	280	10 3/4"	27"	18"	20"	66"
GL13-015-4-4F	330	13 1/2"	28"	18"	24"	80"
GL16-025-4-6F	380	16 1/2"	35"	20"	28"	84"
GL20-040-4-6F	550	20 1/2"	35"	20"	34"	86"
GL24-060-4-8F	750	24 1/2"	39 1/2"	22"	38"	92"
GL28-081-4-10F	1000	28 1/2"	47"	26"	44"	98"
GL32-112-4-10F	1400	32 5/8"	52"	28"	48"	102"
GL36-142-4-12F	1850	36 5/8"	54"	30"	54"	104"
GL40-180-4-14F	2350	40 5/8"	60"	33"	58"	100"
GL44-211-4-16F	2850	44 3/4"	62"	35"	64"	102"
GL48-258-4-16F	3375	48 7/8"	63"	36"	66"	104"
GL52-300-4-16F	3850	52 7/8"	65"	38"	72"	108"
GL56-351-4-16F	4650	56 7/8"	65"	38"	76"	110"
GL60-402-4-16F	5200	60 7/8"	71 1/4"	40"	80"	116"

NOTE: Above dimensions are for Style A. For other options contact factory.

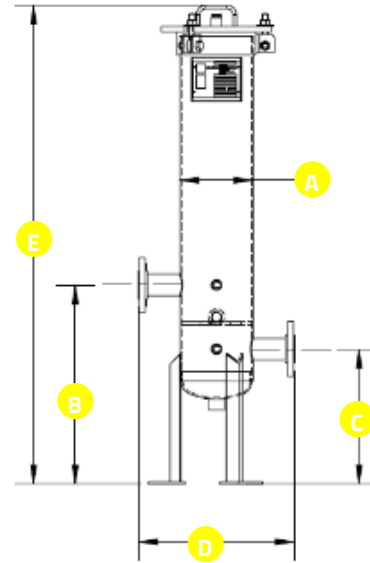
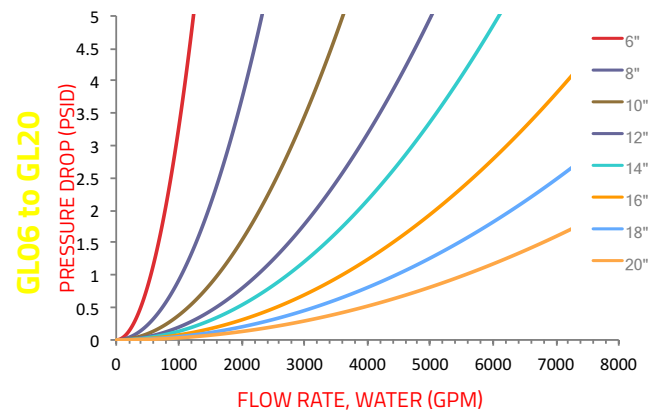
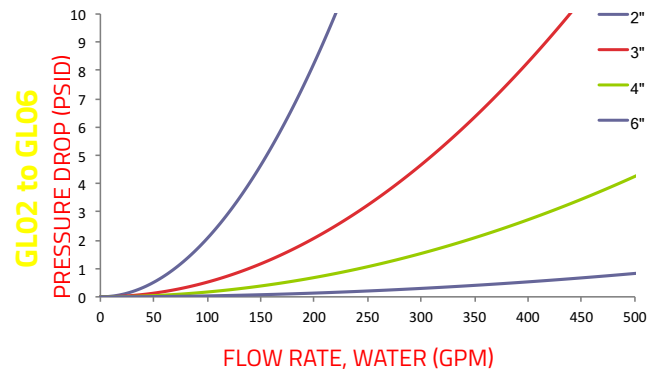


CHART LEGEND

- A OUTSIDE DIAMETER
- B FLOOR TO INLET
- C FLOOR TO OUTLET
- D FACE TO FACE
- E OVERALL HEIGHT

MODEL FLOW CHARTS

Housing pressure drop vs. flow rate



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