



GL SERIES

Multi-Cartridge Filter Housings

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



Certified to
NSF/ANSI/CAN 61

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 <i>*Other pressures available</i>
Standard Temperature	400°F (204°C) <i>*Other temperatures available</i>
Certifications	ASME Section VIII, Div. I U, UM, CE, NB, CRN

MATERIAL OF CONSTRUCTION

MATERIAL	MAX. OPERATING PRESSURE	MAX. DESIGN TEMP
Carbon Steel	150 psi (10.3bar)	400°F (204°C)
304 Stainless Steel*	150 psi (10.3bar)	400°F (204°C)
316 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)	
GL04	1	20	1	20	2"
GL06	3	60	2	40	2"
GL08	6	120	5	100	3"
GL10	10	200	8	160	3"
GL12	12	240	11	220	4"
GL13	15	300	12	240	4"
GL14	19	380	14	280	4"
GL16	25	500	20	400	6"
GL18	32	640	26	520	6"
GL20	40	800	32	640	6"
GL22	52	1040	40	800	8"
GL24	60	1200	52	1040	8"
GL26	68	1360	56	1120	8"
GL28	81	1620	66	1320	10"
GL30	93	1860	76	1520	10"
GL32	112	2240	86	1720	10"
GL34	122	2440	100	2000	12"
GL36	142	2840	110	2200	12"
GL38	150	3000	125	2500	14"
GL40	180	3600	135	2700	14"
GL42	195	3900	150	3000	14"
GL44	211	4220	175	3500	16"
GL46	230	4600	190	3800	16"
GL48	258	5160	210	4200	16"
GL50	280	5600	230	4600	18"
GL52	300	6000	250	5000	18"
GL54	330	6600	275	5500	18"
GL56	351	7020	290	5800	18"
GL58	375	7500	310	6200	20"
GL60	402	8040	335	6700	20"

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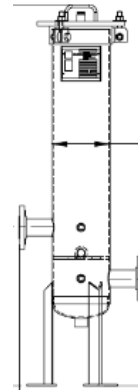


HOUSING OPTIONS

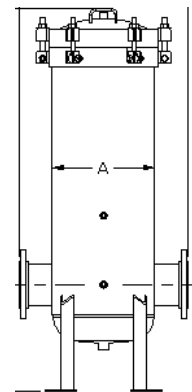
*Indicates standard configuration

Configuration	(-) A – Side in/side out*
Options <i>(at right)</i>	B – In-Line C – Side in/Bottom out D – Side in/Side out, Same Side
Finish	(-) External paint "National Blue" <i>(std for carbon steel housings)*</i>
Options	(-) Bead Blast <i>(std for stainless steel 304 and 316)*</i> 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 <i>(std)*</i>
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

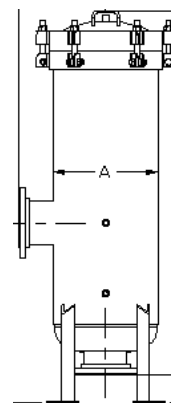
A Side in/side out*



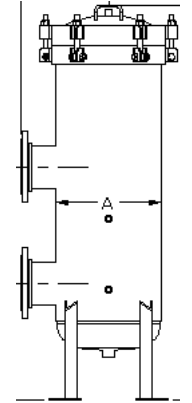
B In-Line



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
GL04-001-4-2F	100	4 1/2"	21 1/2"	14"	14"	62"
GL06-003-4-2F	150	6 5/8"	22 1/2"	15"	16"	64"
GL08-006-4-3F	240	8 5/8"	26"	17"	18"	66"
GL10-010-4-3F	280	10 3/4"	27"	18"	20"	66"
GL12-012-4-4F	320	12 1/2"	28"	18"	22"	80"
GL13-015-4-4F	330	13 1/2"	28"	18"	24"	80"
GL14-019-4-4F	340	14 1/2"	28"	18"	26"	80"
GL16-025-4-6F	380	16 1/2"	35"	20"	28"	84"
GL18-032-4-6F	460	18 1/2"	35"	20"	30"	84"
GL20-040-4-6F	550	20 1/2"	35"	20"	34"	86"
GL22-052-4-8F	680	22 1/2"	39 1/2"	22"	36"	90"
GL24-060-4-8F	750	24 1/2"	39 1/2"	22"	38"	92"
GL26-068-4-8F	850	26 1/2"	44"	24"	40"	94"
GL28-081-4-10F	1000	28 1/2"	47"	26"	44"	98"
GL30-093-4-10F	1100	30 1/2"	48"	27"	46"	98"
GL32-112-4-10F	1400	32 5/8"	52"	28"	48"	102"
GL34-122-4-12F	1650	34 5/8"	52"	28"	52"	102"
GL36-142-4-12F	1850	36 5/8"	54"	30"	54"	104"
GL38-150-4-14F	2050	38 5/8"	60"	33"	56"	110"
GL40-180-4-14F	2350	40 5/8"	60"	33"	58"	100"
GL42-195-4-14F	2650	42 3/4"	59"	33"	60"	100"
GL44-211-4-16F	2850	44 3/4"	62"	35"	64"	102"
GL46-230-4-16F	3000	46 3/4"	62"	35"	66"	104"
GL48-258-4-16F	3375	48 7/8"	63"	36"	66"	104"
GL50-280-4-16F	3650	50 7/8"	65"	38"	70"	108"
GL52-300-4-16F	3850	52 7/8"	65"	38"	72"	108"
GL54-330-4-16F	4150	54 7/8"	65"	38"	74"	108"
GL56-351-4-16F	4650	56 7/8"	65"	38"	76"	110"
GL58-375-4-16F	5000	58 7/8"	69"	39"	78"	114"
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.

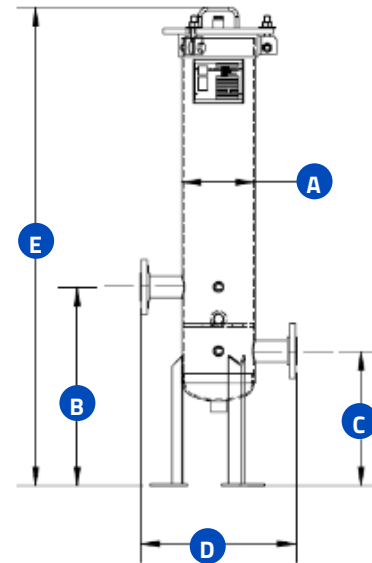


CHART LEGEND

- 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

