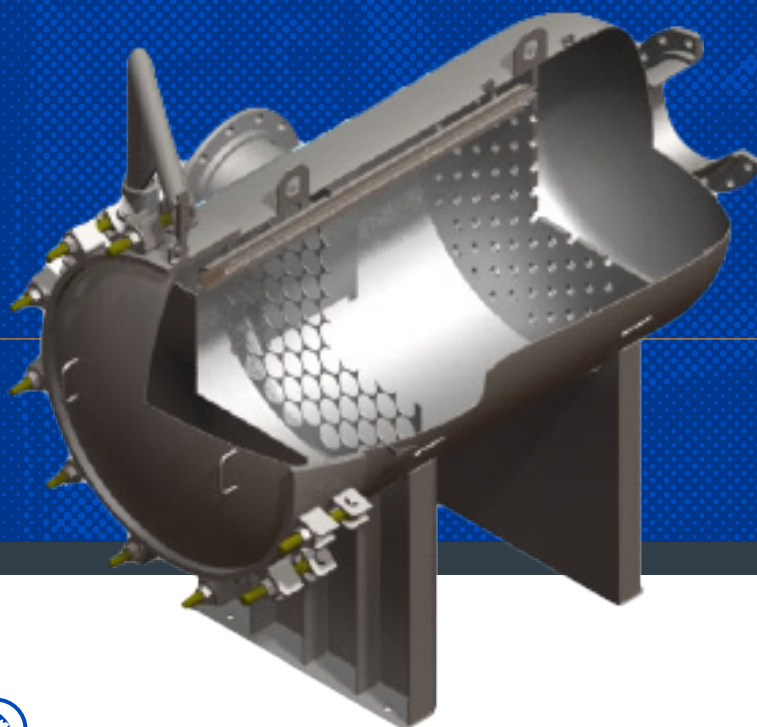


GLH SERIES

Multi-Round Horizontal Housings

- Cartridge Filter Housing
- Horizontal Design
- ASME Design/Industrial Design

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 10", 20", 30" or 40" DOE style cartridges

Can be designed to accept SOE cartridges

DESIGN PRESSURE

150psig (10.3bar) @ 250°F (121.1°C) design pressure

AVAILABLE MATERIALS

Carbon, stainless steel 304 or 316. LDX2101, C276, AL6XN, RA2205 & Monel 400 also available.

**All materials are in compliance with NSF 61 standards, except for carbon steel.*

ADDITIONAL FEATURES

Swing bolt closure allows for quick element change out

For drawings, flow charts, custom applications and filter cartridge information please visit Fil-Trek.com

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HOUSING SPECIFICATIONS

*Indicates standard configuration

Inlet/Outlet 3" Flange - 22" Flange

Dirty Drain 2" NPT

Clean Drain 2" NPT

Vent ½" NPT

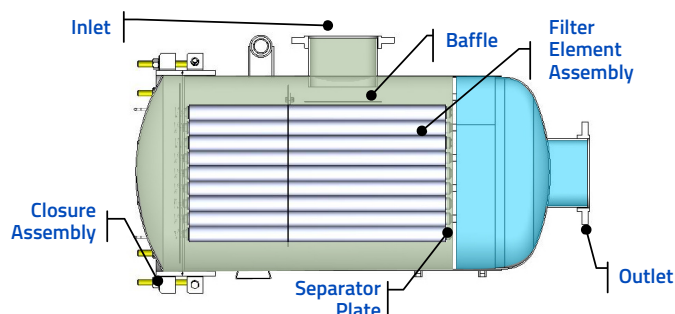
Gauges ½" NPT

Certifications U, UM, CE, NB, CRN

MODEL FLOW RATES

MODEL	# OF FILTERS		FLOW RATE		MAX INLET/ OUTLET (IN)
	2.5"	2.75"	GPM 2.5	GPM 2.75	
GLH12	12	7	240	140	3"
GLH13	14	9	280	180	3"
GLH14	17	12	340	240	4"
GLH16	20	15	400	300	4"
GLH18	29	20	580	400	6"
GLH20	34	25	680	500	6"
GLH22	42	30	840	600	6"
GLH24	53	40	1060	800	8"
GLH26	62	50	1240	1000	8"
GLH28	70	60	1400	1200	8"
GLH30	87	75	1740	1500	10"
GLH32	103	80	2060	1600	10"
GLH34	110	90	2200	1800	12"
GLH36	126	105	2520	2100	12"
GLH38	140	115	2800	2300	14"
GLH40	150	125	3000	2500	14"
GLH42	178	140	3560	2800	14"
GLH44	190	155	3800	3100	14"
GLH46	205	175	4100	3500	14"
GLH48	225	185	4500	3700	16"
GLH50	245	200	4900	4000	16"
GLH52	266	225	5320	4500	16"
GLH54	290	230	5800	4600	18"
GLH56	316	255	6320	5100	18"
GLH58	335	275	6700	5500	18"
GLH60	360	295	7200	5900	20"
GLH62	390	325	7880	6500	20"
GLH64	410	350	8200	7000	20"
GLH66	450	370	9000	7400	22"

Flow rates based on water at 5gpm/10" (Assuming 40" Cartridges).
Actual Flow rate is dependent on fluid viscosity, cartridge micron rating,
contaminant and type of media.



MATERIAL OF CONSTRUCTION

MATERIAL OF CONSTRUCTION	MAX. OPERATING PRESSURE	MAX. DESIGN TEMP
Carbon Steel	150 psi (10.3bar)	400°F (204.4°C)
304 Stainless Steel	150 psi (10.3bar)	400°F (204.4°C)
316 Stainless Steel	150 psi (10.3bar)	400°F (204.4°C)

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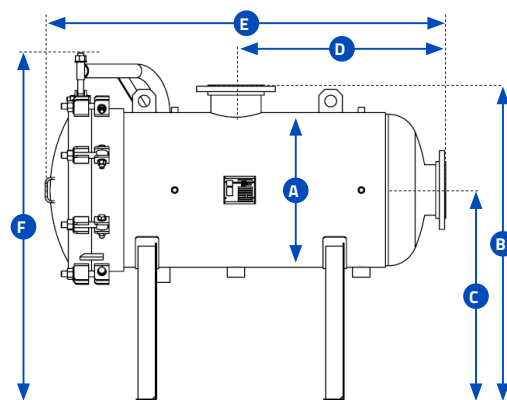


MODEL DIMENSIONAL DETAILS

MODEL	SHIPPING WT (LBS)	A	B	C	D	E	F
GLH12	250	12½"	46"	36"	26"	61"	65"
GLH13	300	13½"	47"	36"	26"	61"	65"
GLH14	365	14½"	48"	36"	28"	61"	65"
GLH16	425	16½"	49"	36"	28"	61"	65"
GLH18	500	18½"	50"	36"	28"	64"	68"
GLH20	600	20½"	52"	36"	28"	64"	68"
GLH22	900	22½"	53"	36"	28"	64"	68"
GLH24	975	24½"	54"	36"	36"	66"	70"
GLH26	1100	26½"	55"	36"	36"	66"	70"
GLH28	1400	28½"	56"	36"	36"	66"	70"
GLH30	1600	30½"	56"	36"	38"	70"	74"
GLH32	1750	32½"	58"	36"	38"	78"	82"
GLH34	1925	34½"	60"	36"	38"	78"	82"
GLH36	2100	36½"	62"	36"	38"	78"	82"
GLH38	2400	38½"	64"	36"	46"	79"	83"
GLH40	2700	40½"	64"	36"	46"	79"	83"
GLH42	2900	42½"	65"	36"	46"	79"	83"
GLH44	3300	44½"	65"	36"	46"	79"	83"
GLH46	3700	46½"	67"	36"	46"	79"	83"
GLH48	4100	48½"	68"	36"	46"	80"	84"
GLH50	4500	50½"	70"	36"	46"	80"	84"
GLH52	4900	52½"	72"	36"	46"	84"	88"
GLH54	5500	54½"	78"	42"	50"	87"	91"
GLH56	6000	56½"	78"	42"	50"	87"	91"
GLH58	6600	58½"	78"	42"	50"	87"	91"
GLH60	7000	60½"	82"	42"	50"	90"	94"
GLH62	7500	62½"	82"	42"	50"	90"	94"
GLH64	8000	64½"	84"	42"	50"	90"	94"
GLH66	8500	66½"	84"	42"	52"	90"	94"

CHART LEGEND

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



Dimensions above are for 40" element, style E and are approximate. Contact factory for weights and dimensions for all other model configurations.

GLH SERIES

Multi-Round Horizontal Housings

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HOUSING OPTIONS

*Indicates standard configuration

Configuration (-) E – Top In/End Out*

Options C – Side In/End Out
(at right)

Finish (-) – External paint “National Blue” (Std for CS)

Options (-) – Bead Blast (Std for SS304/316)
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

Head Lift (-) K1 – Head lift*

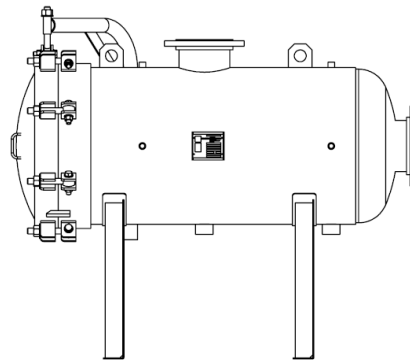
Options K2 – Hinge

Filter (-) E1 – Double Open End*

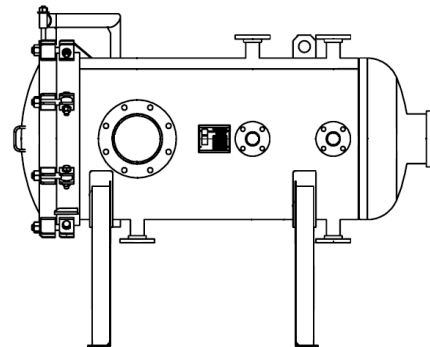
Configuration E2 – DOE with Gasket Ends
E3 – DOE with 1” Ext. Core
E4 – SOE Flat End 222 Open End
E5 – SOE Fin End 222 Open End
E8 – SOE Plastic Spring Top 222
E9 – SOE Plastic Spring Top

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

E Top Entry/Back Out



C Side in/Back Out



GLH SERIES

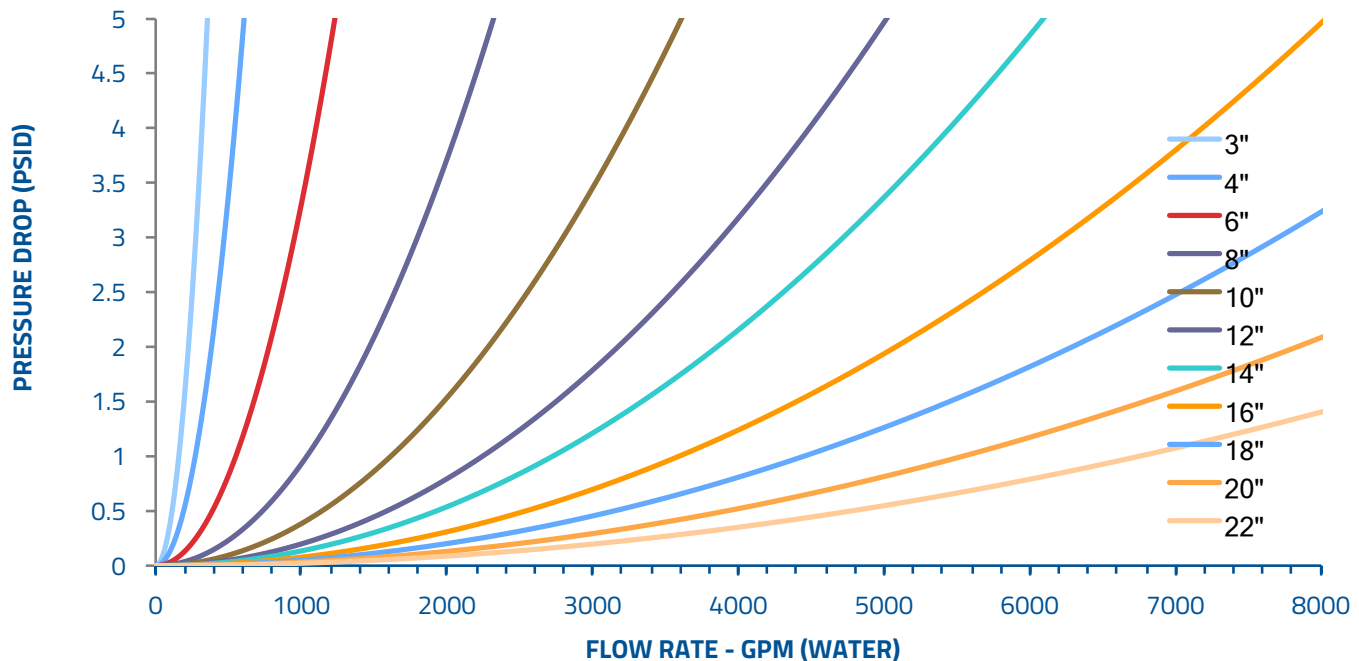
Multi-Round Horizontal Housings

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FLOW CHART

HOUSING PRESSURE DROP vs LIQUID FLOW RATE



PRODUCT NOMENCLATURE

S6	GLH	14	17	40	4F	-	-
MATERIAL	MODEL	HOUSING DIAMETER	# OF CARTRIDGES	LENGTH	CONNECTION TYPE	CONFIGURATION	OPTIONS
(-) - Carbon S4 - SS304 S6 - SS316	GLH - ASME CODE EGLH - NON ASME	See Table	See Table	10 20 30 40	See Table	(-) - Top In/End Out (std) C - Side In/End Out	See Housing Options

NOTE: The GLH series is in 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 GLH in the part number.