



Premium stainless steel filter housing for sanitary liquid applications.

Donaldson® PF-EG filter housings are designed for filtration of beverages and other liquids such as pharmaceutical process water, mineral water, beer, wine, soft drinks, and juice. PF-EG filter housings have two options, with premium models being 3-A certified and standard models complying with sanitary design best practices. Both lines are available in over 11 different sizes, offering a wide range of capacity, and Donaldson's broad selection of filter elements will meet the compatibility and retention rating requirements of your process.

APPLICATIONS

- Process Water
- Food & Beverage
- Dairy
- Pharmaceutical process water
- Beer
- Wine
- Soft drinks
- Mineral water
- Juice
- Dosing Systems

SPECIFICATIONS

Materials		CFR Title 21
Housing	316L SS	211.65
Attachment Parts	304 SS	211.65
Gasket	PF-EG 0025 to PF-EG 0075: EPDM	177.2600
	PF-EG 0080 and larger: Silicone class VI (other gasket materials available)	177.2600

Surface Finish	
Inside	
0025-0075	Electropolished to Ra 32
0080-0900	Nitric passivated to Ra 32
0320-3040	Mechanically polished
Outside	
0025-0075	Electropolished to Ra 30
0080-0900	Nitric passivated to Ra 30
0320-3040	Mechanically polished

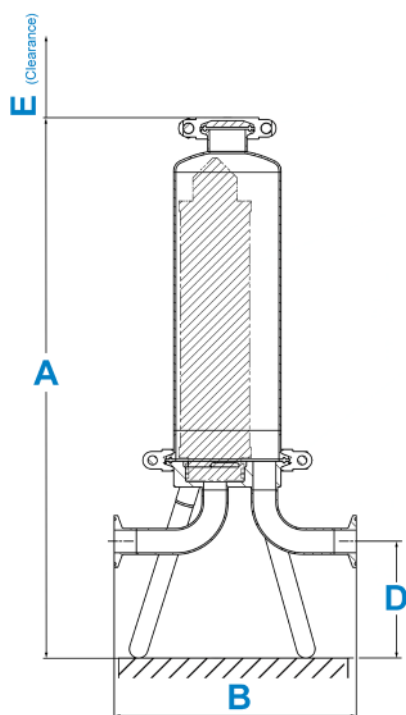
Working pressure and temperature
10 bar @ 150° C (145 psig @ 302° F) based on EPDM gasket

Maximum inlet Temperature
150° C (302° F) with standard EPDM gasket (higher temperature gaskets are available upon request)

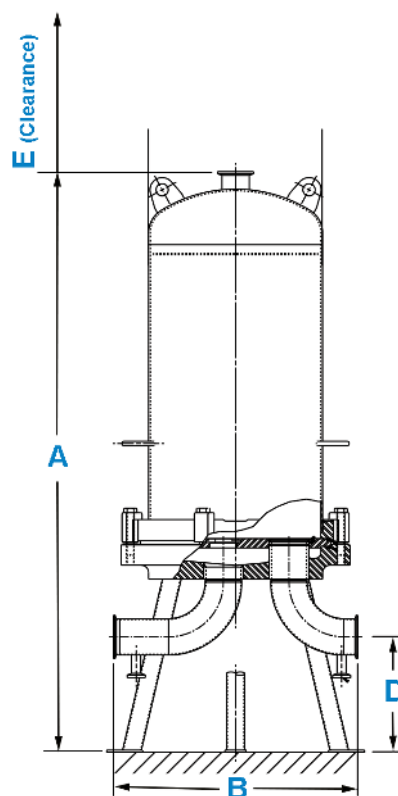
Connection Types
Tri-Clamp®

Connections	Vent	Drain
PF-EG 0025-0075	38 mm (1 1/2") Tri-Clamp®	-
PF-EG 0080-0900	38 mm (1 1/2") Tri-Clamp®	13 mm (1/2") Tri-Clamp®

DIMENSIONS



Models 0025 to 0075



Models 0080 to 3040

Premium 3-A certified housings																
Type	Capacity*		Weight**		Connection (Tri-Clamp®)		Dimensions								Qty	Element Size (Code 7)
							A		B		D		E			
	lpm	gpm	kg	lbs	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
0025	26	7	6.03	13,29	25	1	515	20.28	235	9.25	114	4,49	505	19.9	1	10/30
0050	57	15	7.37	16,25	25	1	769	30.28	235	9.25	114	4,49	762	30.0	1	20/30
0075	76	20	8.67	19,11	25	1	1023	40.28	235	9.25	114	4,49	1016	40.0	1	30/30
0080	91	24	31.8	70.0	38	1½	653	25.7	330	13.0	203	8.0	279	11.0	3	10/30
0150	151	40	35.4	78.0	38	1½	965	38.0	356	14.0	203	8.0	584	23.0	3	20/30
0225	227	60	38.6	85.0	38	1½	1219	48.0	356	14.0	203	8.0	838	33.0	3	30/30
0250	284	75	59.4	131.0	51	2	940	37.0	432	17.0	147	5.8	584	23.0	5	20/30
0375	416	110	65.3	144.0	51	2	1194	47.0	368	14.5	147	5.8	838	33.0	5	30/30
0400	454	120	90.7	200.0	64	2½	1092	43.0	508	20.0	241	9.5	584	23.0	8	20/30
0600	681	180	102.1	225.0	76	3	1346	53.0	635	25.0	241	9.5	838	33.0	8	30/30
0900	814	215	122.5	270.0	76	3	1331	52.4	648	25.5	241	9.5	1041	41.0	12	30/30

* PF-EG capacity based on liquids of 1cP viscosity.

** Without filter element, legs included.

Sanitary design housings																
Type	Capacity*		Weight**		Connection (Tri-Clamp®)		Dimensions								Qty	Element Size (Code 7)
							A		B		D		E			
	lpm	gpm	kg	lbs	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.		
0320	68	18	19.5	43.0	38	1½	1067	42.0	381	15.0	356	14.0	533	21.0	3	20/30
0330	102	27	21.3	47.0	38	1½	1321	52.0	381	15.0	356	14.0	787	31.0	3	30/30
0340	136	36	23.6	52.0	38	1½	1575	62.0	381	15.0	356	14.0	1041	41.0	3	40/30
0520	114	30	20.0	44.0	51	2	1067	42.0	457	18.0	305	12.0	533	21.0	5	20/30
0530	170	45	22.2	49.0	51	2	1321	52.0	457	18.0	305	12.0	787	31.0	5	30/30
0540	227	60	24.0	53.0	51	2	1575	62.0	457	18.0	305	12.0	1041	41.0	5	40/30
0820	182	48	29.9	66.0	51	2	1092	43.0	483	19.0	305	12.0	533	21.0	8	20/30
0830	273	72	33.1	73.0	51	2	1346	53.0	483	19.0	305	12.0	787	31.0	8	30/30
0840	363	96	35.8	79.0	51	2	1600	63.0	483	19.0	305	12.0	1041	41.0	8	40/30
1230	409	108	66.2	146.0	64	2½	1422	56.0	584	23.0	330	13.0	787	31.0	12	30/30
1240	545	144	69.9	154.0	64	2½	1676	66.0	584	23.0	330	13.0	1041	41.0	12	40/30
1830	613	162	68.0	150.0	64	2½	1448	57.0	635	25.0	330	13.0	787	31.0	18	30/30
1840	818	216	74	163.0	64	2½	1702	67.0	635	25.0	330	13.0	1041	41.0	18	40/30
2430	818	216	105	231.0	64	2½	1473	58.0	635	25.0	330	13.0	787	31.0	24	30/30
2440	1090	288	114	251.0	64	2½	1727	68.0	635	25.0	330	13.0	1041	41.0	24	40/30
3030	1022	270	109	240.0	76	3	1499	59.0	762	30.0	279	11.0	787	31.0	30	30/30
3040	1363	360	117	258.0	76	3	1753	69.0	762	30.0	279	11.0	1041	41.0	30	40/30

DIRECTIVES

All PG-EG multiple housings are designed in accordance with

- FDA CFR-Code of Federal Regulations Title 21
- Framework regulation 1935/2004/EC
- Sizes 0025, 0050 and 0075 CRN certified for all Canadian provinces



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