

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.



PF-EG

SPECIFICATIONS

MATERIALS		CFR TITLE 21
Filter Housing	316L SS	211.65
Attachment Parts	304 SS	211.65
Housing Gasket	PF-EG 0012 to PF-EG 0075: EPDM	177.2600
	PF-EG 0080 and larger: Silicone class VI (other gasket materials available)	177.2600

DESIGN PRESSURE AND TEMPERATURE

150 psig @ 356°F

MAXIMUM INLET TEMPERATURE

300°F with standard EPDM gasket (higher temperature gaskets are available upon request)

CONNECTION TYPES

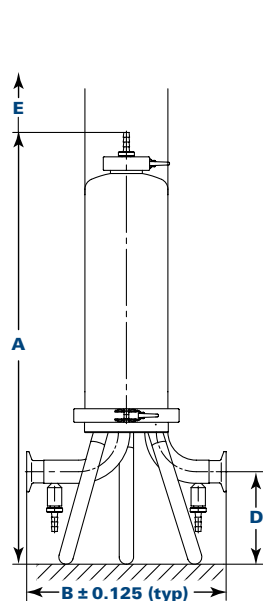
Tri-Clamp® (welded ends optional)

SURFACE FINISH	
Inner	
0012-0075	Electropolished to Ra 32
0080-0900	Nitric passivated to Ra 32
0320-3040	Mechanically polished
Outer	
0012-0075	Electropolished to Ra 30
0080-0900	Nitric passivated to Ra 30
0320-3040	Mechanically polished

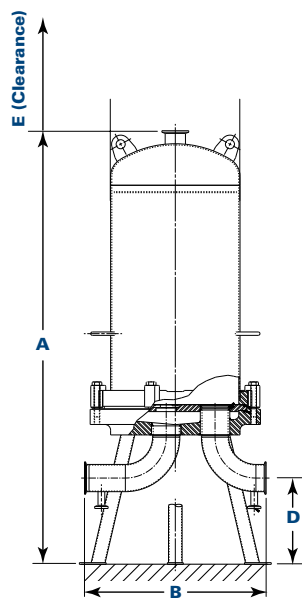
CONNECTIONS	VENT	DRAIN
PF-EG 0012-0075	1 1/2" Tri-Clamp® with 1/4" BSP Pharma Valve	1/4" BSP Pharma Valve
PF-EG 0080-0900	1 1/2" Tri-Clamp®	1/2" Tri-Clamp®

*Tri-Clamp is a registered trademark of Ladish Company.

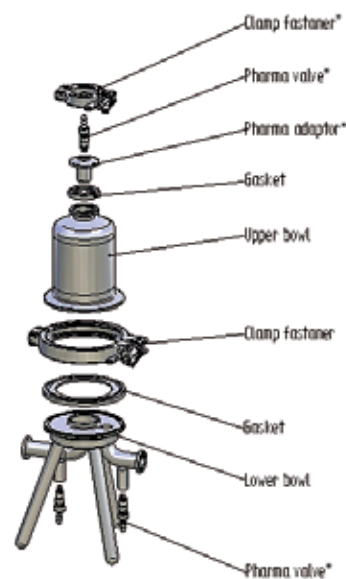
DIMENSIONS



Models 0003 to 0075



Models 0080 to 3040



Pharma valves on PF-EG 0003 to 0075 only

PREMIUM 3-A CERTIFIED HOUSINGS

Type	Capacity* (gpm)	Weight** (lbs)	Connection (Tri-Clamp®)	Dimensions (inches)				Qty	Element Size (Code 7)
				A	B	D	E		
0025	7	11.5	1"	22.2	9.8	4.6	19.9	1	10/30
0050	15	14.5	1"	32.2	9.8	4.6	30.0	1	20/30
0075	20	17.4	1"	42.2	9.8	4.6	40.0	1	30/30
0080	24	70.0	1½"	25.7	13.0	8.0	11.0	3	10/30
0150	40	78.0	1½"	38.0	14.0	8.0	23.0	3	20/30
0225	60	85.0	1½"	48.0	14.0	8.0	33.0	3	30/30
0250	75	131.0	2"	37.0	17.0	5.8	23.0	5	20/30
0375	110	144.0	2"	47.0	14.5	5.8	33.0	5	30/30
0400	120	200.0	2½"	43.0	20.0	9.5	23.0	8	20/30
0600	180	225.0	3"	53.0	25.0	9.5	33.0	8	30/30
0900	215	270.0	3"	52.4	25.5	9.5	41.0	12	30/30

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

** Without filter element, legs included.

DIMENSIONS

SANITARY DESIGN HOUSINGS

Type	Capacity* (gpm)	Weight** (lbs)	Connection (Tri-Clamp®)	Dimensions (inches)				Qty	Element Size (Code 7)
				A	B	D	E		
0320	18	43.0	1½"	42.0	15.0	14.0	21.0	3	20/30
0330	27	47.0	1½"	52.0	15.0	14.0	31.0	3	30/30
0340	36	52.0	1½"	62.0	15.0	14.0	41.0	3	40/30
0520	30	44.0	2"	42.0	18.0	12.0	21.0	5	20/30
0530	45	49.0	2"	52.0	18.0	12.0	31.0	5	30/30
0540	60	53.0	2"	62.0	18.0	12.0	41.0	5	40/30
0820	48	66.0	2"	43.0	19.0	12.0	21.0	8	20/30
0830	72	73.0	2"	53.0	19.0	12.0	31.0	8	30/30
0840	96	79.0	2"	63.0	19.0	12.0	41.0	8	40/30
1230	108	146.0	2½"	56.0	23.0	13.0	31.0	12	30/30
1240	144	154.0	2½"	66.0	23.0	13.0	41.0	12	40/30
1830	162	150.0	2½"	57.0	25.0	13.0	31.0	18	30/30
1840	216	163.0	2½"	67.0	25.0	13.0	41.0	18	40/30
2430	216	231.0	2½"	58.0	25.0	13.0	31.0	24	30/30
2440	288	251.0	2½"	68.0	25.0	13.0	41.0	24	40/30
3030	270	240.0	3"	59.0	30.0	11.0	31.0	30	30/30
3040	360	258.0	3"	69.0	30.0	11.0	41.0	30	40/30

PF-EG and PG-EG single filter element housings meet 3-A Sanitary Standards



Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, specifications, availability and data are subject to change without notice, and may vary by region or country.



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