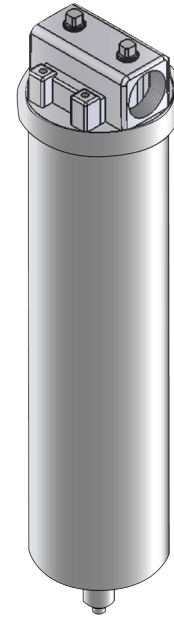**Industrial stainless steel filter housings for water and corrosive liquids.**

Donaldson® P-PT single round filter housings are designed for industrial applications that require 316 SS construction. The single nut closure provides a positive radial seal and easy element replacement. The T-style in-line orientation allows for easy installation.

Available in NPT, Flange, Tri-Clamp®* and welded end connection types.

Standard housings are built to accept Code 7 and 2 elements. Housings are also available in DOE, Code 3 and Code 8 filter elements.

A broad selection of filter elements are available to meet the compatibility and micron rating requirements of your process.

P-PT

APPLICATIONS

- Petrochemicals
- Process water
- Coolants
- Solvents
- Potable liquids
- Industrial water

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

SPECIFICATIONS

MATERIALS[1]

Filter Head	316L SS
Sealing Nut	Nickle plated brass
Filter Bowl	316L SS
Housing Gasket	EPDM (also available in Viton®*, Buna and silicone)

[1]DOE housings are also available in 304/Brass.
Contact your Donaldson Representative for alternative material options.

SURFACE FINISH

CODE 2, 7, 3, 8 HOUSINGS	DOE HOUSINGS
Filter head - Bead blast, cast stainless steel	Filter head - Bead blast, cast stainless steel
Filter bowl - Industrial electropolished	Filter bowl - Polished

ELEMENTS

Standard in Code 7/Code 2 connection. Contact your Donaldson Representative for Code 3 and Code 8 elements. DOE housing designs are also available upon request.

* Viton is a registered trademark of DuPont PerformanceElastomers L.L.C.
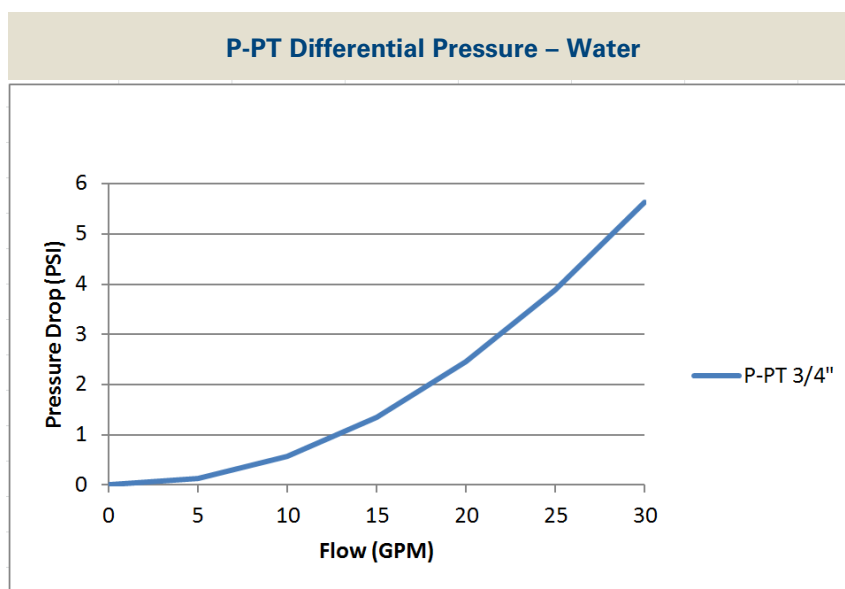** Tri-Clamp is a registered trademark of Ladish Company.

DESIGN PRESSURE AND TEMPERATURE

NPT	300 psi @ 200°F
Flange, Tri-Clamp®**, and Welded End	150 psi @ 200°F

CONNECTION TYPES

CODE 2, 7, 3, 8 HOUSINGS	DOE HOUSINGS
3/4" and 1" NPT	3/4", 1/2" and 1" NPT, 1" Flange, 1" Tri-Clamp®
1" Flange	1" Flange
1" Tri-Clamp®	1" Tri-Clamp
1" Welded End	

DRAIN

CODE 2, 7, 3, 8 HOUSINGS	DOE HOUSINGS
1/4" NPT drain w/plug	1/8" NPT drain w/plug

INLET AND OUTLET GAUGE PORTS

1/4" FNPT gauge ports, plugged

ACCESSORIES INCLUDED

Nut closure tool and mounting brackets are included with the housing.
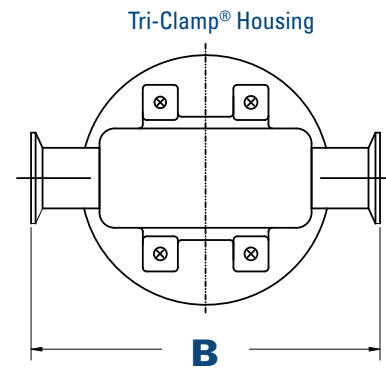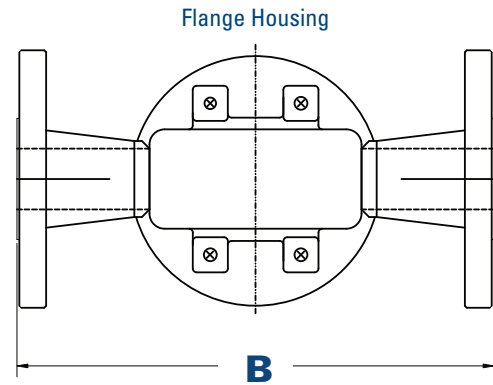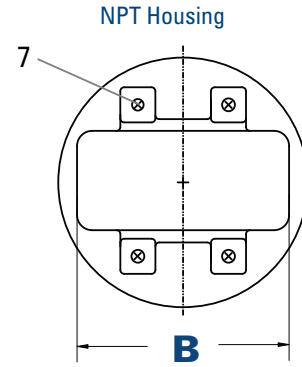

P-PT Differential Pressure – Water

NPT Housings – 316L SS

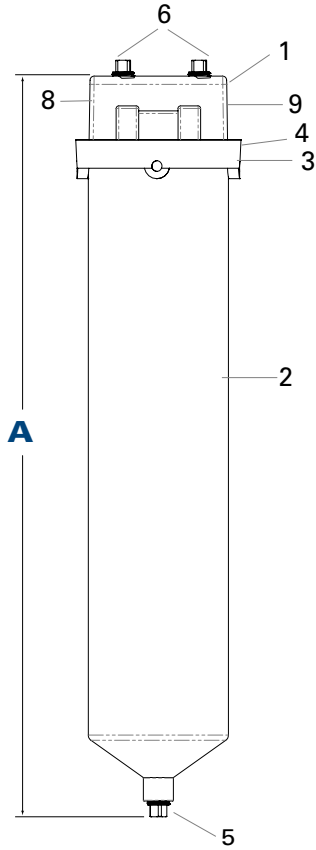| Model Number | Capacity (gpm) | Connection (FNPT) | Dimensions (inches) | | | | Approx. Weight w/o Element (lbs) | Element | |
| | | | Code 2, 7, 3, 8 | | DOE | | | | |
			Height A	Width B	Height A	Width B		Size	Qty
P-PT 0007	7	3/4"	17.4	3.5	13.6	3.5	7	10/30	1
P-PT 0007	7	1"	17.4	3.5	13.6	3.5	7	10/30	1
P-PT 0014	14	3/4"	27.4	3.5	23.6	3.5	9	20/30	1
P-PT 0014	14	1"	27.4	3.5	23.6	3.5	9	20/30	1
P-PT 0021	21	3/4"	37.4	3.5	33.6	3.5	12	30/30	1
P-PT 0021	21	1"	37.4	3.5	33.6	3.5	12	30/30	1

Flange Housings – 316L SS

| Model Number | Capacity (gpm) | Connection (FNPT) | Dimensions (inches) | | | | Approx. Weight w/o Element (lbs) | Element | |
| | | | Code 2, 7, 3, 8 | | DOE | | | | |
			Height A	Width B	Height A	Width B		Size	Qty
P-PT 0007	7	1"	27.4	7.8	23.6	7.9	11	10/30	1
P-PT 0014	14	1"	27.4	7.8	23.6	7.9	13	20/30	1
P-PT 0021	21	1"	37.4	7.8	33.6	7.9	16	30/30	1

Tri-Clamp® Housings – 316L SS

| Model Number | Capacity (gpm) | Connection (FNPT) | Dimensions (inches) | | | | Approx. Weight w/o Element (lbs) | Element | |
| | | | Code 2, 7, 3, 8 | | DOE | | | | |
			Height A	Width B	Height A	Width B		Size	Qty
P-PT 0007	7	1"	17.4	5.7	13.6	5.7	8	10/30	1
P-PT 0014	14	1"	27.4	5.7	23.6	5.7	10	20/30	1
P-PT 0021	21	1"	37.4	5.7	33.6	5.7	13	30/30	1

DIMENSIONS

NPT Housing

Flange Housing

Tri-Clamp® Housing

No.	Description
1	Head
2	Bowl
3	Locking ring
4	Housing gasket
5	Drain
6	Gauge port
7	Mounting holes (1/4" - 20 x 3/8" deep)
8	Inlet
9	Outlet

Donaldson
FILTRATION SOLUTIONS