



PT Series

Tank Top Filters



ENGINEERING YOUR SUCCESS.

PT Series

Applications

The PT series filter is available in two diameters and three lengths for flow ranges from 5-50 gpm. The PT2 and PT4 filter cartridges utilize the latest in microglass media in 2, 5, 10 and 20 microns for the industry's best particle removal efficiency and retention.

This unique design simply threads into a ported weld ring or flange, which can be bolted to a metal reservoir.

The disposable filter cartridge is a single-piece construction, which incorporates the nylon cover and integral 25 psi bypass valve. The flow path is inside-out and requires no special tools for service.

This concept assures minimal installation costs with the least space requirements for return line applications.



Typical Applications

- Turf Maintenance
- Material Handling
- Aerial Lifts
- Fan Drive



The PT Series filter combines high efficiency microfiber filtration with low cost installation.

PT Series

Features

- 1 Easy element assembly removal
- 2 Unique high flow top end cap
- 3 Lightweight cast aluminum head
- 4 Filter element assembly
- 5 Bowl-less, inside-out flow
- 6 Downstream element support with “no aeration” design
- 7 Solid bottom endcap with integrated bypass valve
- 8 Low profile tank top design



PT Series

Filter Element

Premium original equipment performance every time

Tank Top, Bowl-Less Design

Reduces weight

Significant cost savings over filters with bowls

Bottom Endcap Integrated Bypass Valve

New bypass valve with every element change

Insures reliable performance

Inside-Out Element Flow Path

Contamination contained within the element

No system contamination during element servicing

No Aeration Design

Oil cascades down the perforated outer support core

No system aeration

High Flow, Low Pressure Drop Top Endcap Design

Long element life

Lower maintenance costs

Premium Microglass Media

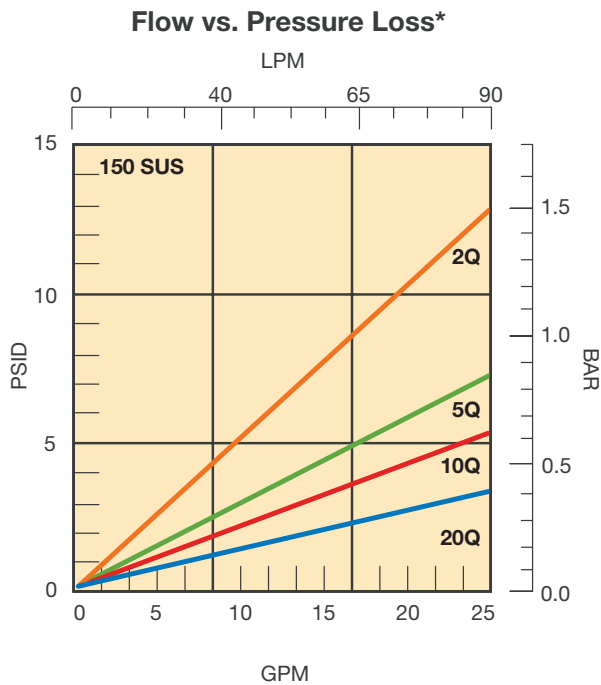
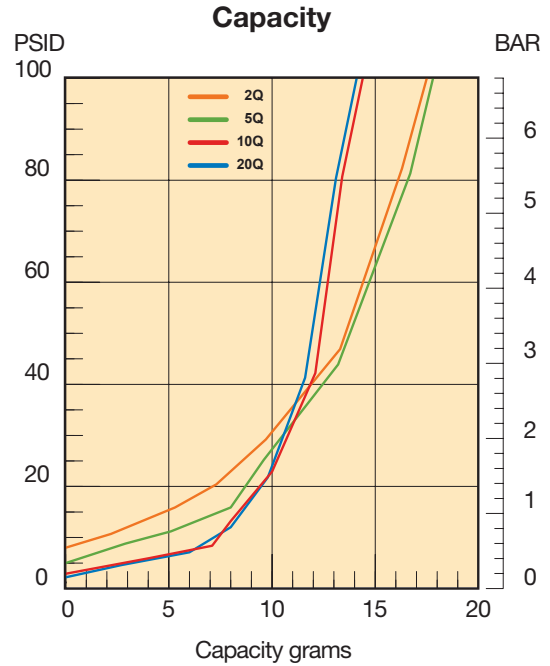
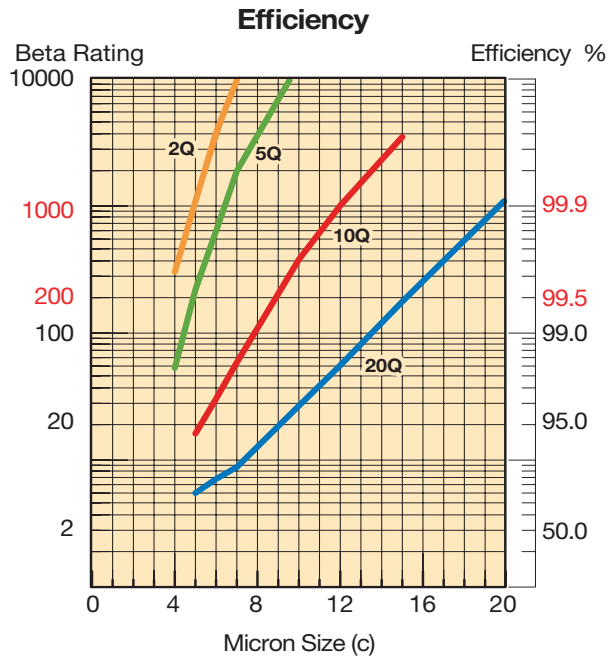
Superior dirt holding capacity and efficiency

Less maintenance and downtime



PT Series

PT2-2 Element Performance



Results typical from Multi-pass tests run per test standard ISO 16889 @ 15 gpm to 100 psid terminal - 10 mg/L BUGL. Refer to Appendix for relationship to test standard ISO 4572.

*Note: Pressure drop calculations are based on SAE-12 porting.

Specifications - PT2

Pressure Rating:

Maximum Allowable Operating Pressure (MAOP): 150 psi (10.3 bar)

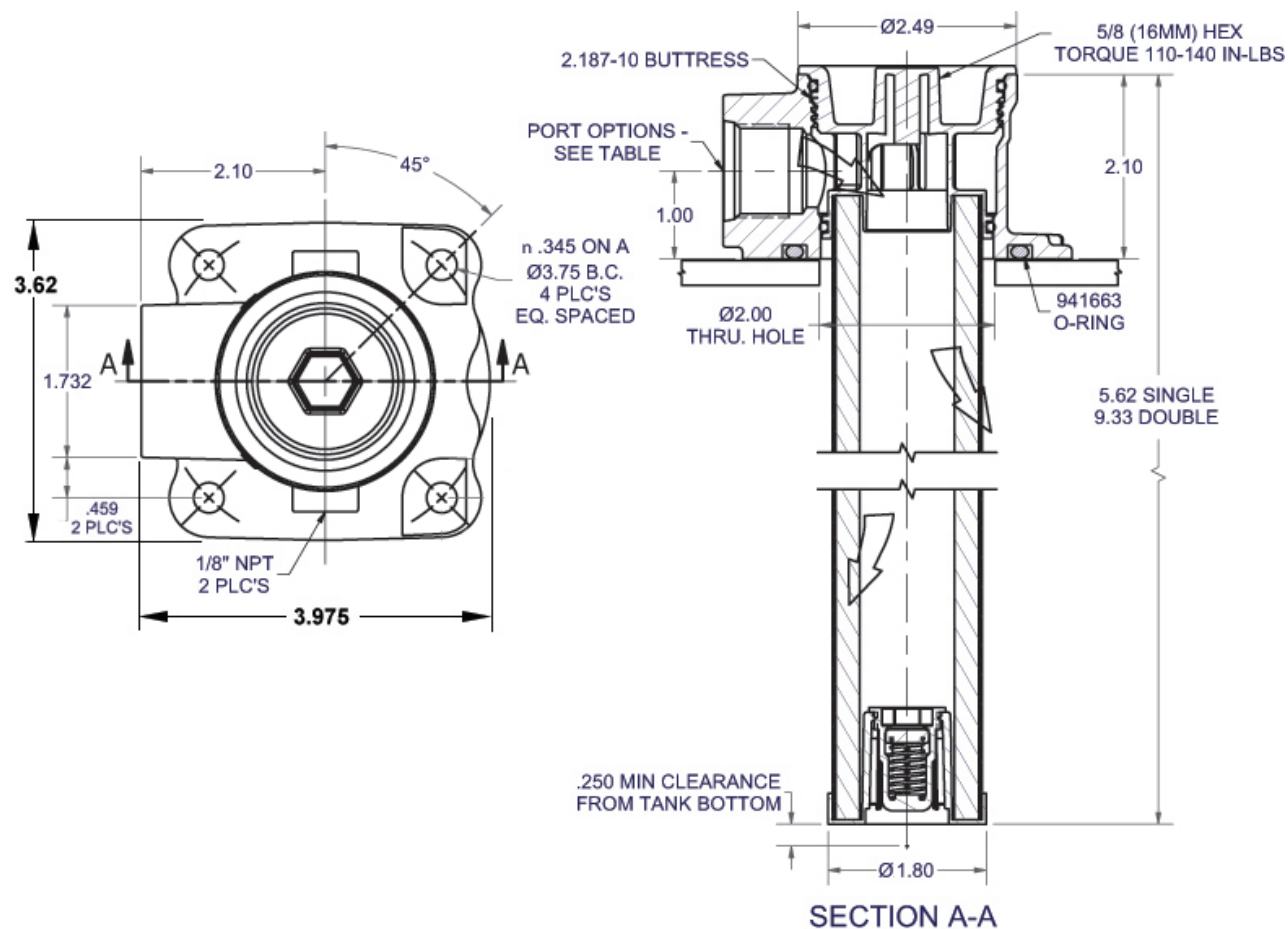
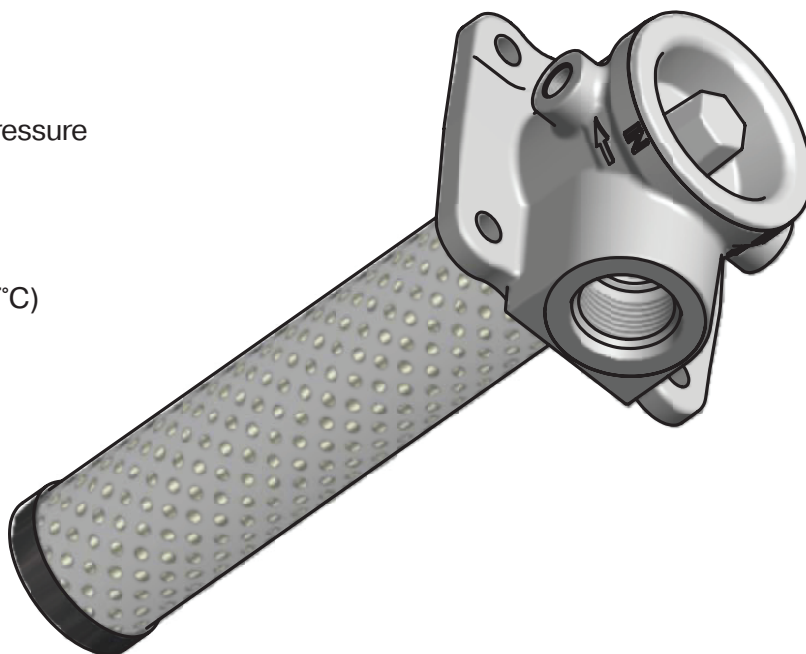
Element Burst Rating: 150 psid

Operating Temperatures:

Operating temperatures:
Buna: -40°F (-40°C) to 225°F (107°C)

Materials:

Materials:
Tank Flange: aluminum
Endcaps: nylon

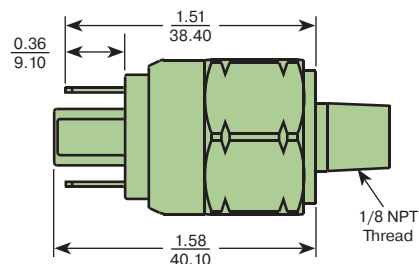
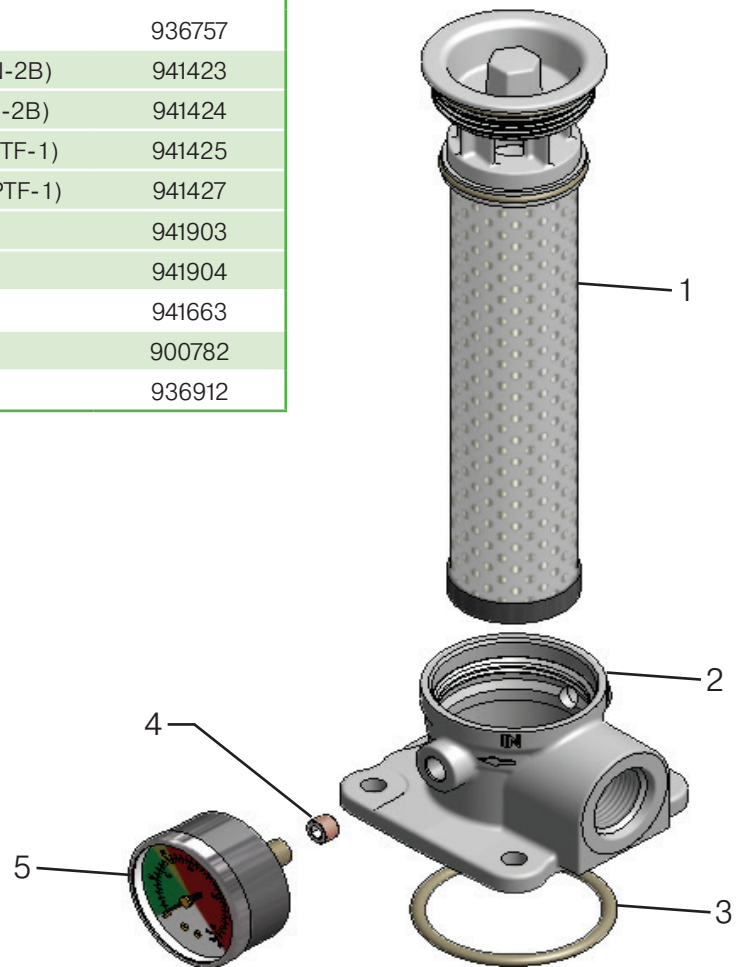


Drawings are for reference only.
Contact factory for current version.

PT Series

PT2 Parts List

INDEX	PART DESCRIPTION	PART NUMBER
1	PT2-1-02Q-25 psid bypass	936750
	PT2-1-05Q-25 psid bypass	936751
	PT2-1-10Q-25 psid bypass	936752
	PT2-1-20Q-25 psid bypass	936753
	PT2-2-02Q-25 psid bypass	936754
	PT2-2-05Q-25 psid bypass	936755
	PT2-2-10Q-25 psid bypass	936756
	PT2-2-20Q-25 psid bypass	936757
2	PT2 DIE CAST SAE-12 (1.062-12 UN-2B)	941423
	PT2 DIE CAST SAE-16 (1.312-12 UN-2B)	941424
	PT2 DIE CAST 3/4" NPT (.750-14 NPTF-1)	941425
	PT2 DIE CAST 1" NPT (1.000-11.5 NPTF-1)	941427
	PT2 DIE CAST G3/4" BSPF	941903
	PT2 DIE CAST G1" BSPF	941904
3	O-RING	941663
4	1/8-27 PIPE PLUG	900782
5	1/8-27 PRESSURE GAUGE	936912



926923
2-pin normally open switch

PT Series¹

Tank top filters

How To Order

Select the desired symbol (in the correct position) to construct a model code. Example:

BOX 1	BOX 2	BOX 3	BOX 4	BOX 5	BOX 6	BOX 7	BOX 8
PT2	1	10Q	B	G	G	S16	1

BOX 1: Filter Series	
Symbol	Description
PT2	Basic Model, 25 gpm
PT4	Basic Model, 50 gpm

BOX 2: Element Length	
Symbol	Description
1	Single
2	Double
3	Triple (PT4 only)

BOX 3: Media Code ¹	
Symbol	Description
02Q	Microglass, 2 micron
05Q	Microglass, 5 micron
10Q	Microglass, 10 micron
20Q	Microglass, 20 micron

BOX 4: Seal Material	
Symbol	Description
B	Nitrile
V	Fluorocarbon

BOX 5: Indicator	
Symbol	Description
P	1/8" NPT Gauge Ports (2) Plugged
G	Pressure Gauge
S	Pressure switch

BOX 6: Bypass	
Symbol	Description
G	25 psid (1.7 bar)

BOX 7: Ports	
Symbol	Description
PT2	
S12	SAE-12 integral threads
S16	SAE-16 integral threads
PT4	
S16	SAE-16 integral threads
S20	SAE-20 integral threads

BOX 7: Options	
Symbol	Description
1	No options
W ²	Steel weld ring

Notes:

- Filters include the element you select already installed.
- When "W" is selected in Box 8, the PT2 port options are "N12" and "S12"; the PT4 port option is "S16".



Hydraulic & Fuel Filtration Division
www.parker.com/emhff

Last updated August 4th, 2023

Parker's willingness to conduct business with Buyer is expressly conditioned on Buyer's assent to Parker's Offer of Sale. www.parker.com/saleterms