

## Achieve Sterile Filtration of Aqueous Solutions, Air and Gas

Parker's Advantage sanitary electropolished filter housings for sanitary applications provide the ultimate in housing performance and durability for the most demanding, high purity liquid filtration requirements.

Fulflo XTL Cartridges are available in nominal (90%) ratings of 1µm, 3µm, 5µm, 10µm, 20µm and 30µm.

### Applications

- Pharmaceutical
- Veterinary
- Food and Beverage
- Biotechnology
- Medical and Medical Device
- Laboratory



### Features and Benefits

- Stainless steel provides lasting durability, thermal, mechanical and chemical compatibility.
- Exteriors are electropolished with a satin finish for fast and easy surface cleaning.
- Interiors are electropolished to a maximum of 25 Ra. for fine, mirror-like finish which minimizes the risk of contamination, improves cleanability and enhances corrosion resistance.
- Sanitary vents and drains facilitate sampling, integrity testing, venting, and safe and easy draining.
- Machined filter cup ensures reduced holdup volume and proper O-ring seal.
- Cast clamp closure offers safe closure for 1 and 3 round housings.
- Clamp joints with compression O-rings at the head and bowl ensure seal integrity.
- T-Style designs provide easy cartridge replacement without disconnecting lines.
- Sanitary drain valves enable complete drainage of liquids after filtration and simplify filter removal.
- Upstream sanitary vent valve ensures proper venting for complete wetting of the new filter.
- TC flange inlets and outlets allow easy dismantling of parts for fast and simple cleaning.

## Process Filtration Division

# Electropolished Filter Vessel Series

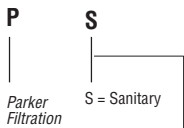
## Specifications

### Operating Conditions:

- Maximum Flow Rate
  - 1-Round, In-Line  
25 gpm (94.5 lpm)
  - 1-Round, T-Style  
25 gpm (94.4 lpm)
  - 3-Round, In-Line  
75 gpm (283.5 lpm)
  - 3-Round, T-Style  
75 gpm (283.5 lpm)
  - 7-Round, T-Style  
175 gpm (661.5 lpm)
  - 12-Round, T-Style  
300 gpm (1,134 lpm)
  - 21-Round, T-Style  
525 gpm (1,984 lpm)

- Maximum Operating Temperature  
150 psig (10.3 bar) at 250°F (120°C)
- Hydrostatic Testing Conditions  
225 psig (15.5 bar)

## Ordering Information



### Abbreviations:

- Frac. = Fractional
- Ferl. = Ferrule
- Strt. = Straight
- AW = Autoweld
- TC = Triclover
- I/O = Inlet/Outlet
- Opp. = Opposite

C	01	N	1	8	T	X	O	O	H	O	S
<i>Finish</i>	<i>No. of Cartridges Around</i>	<i>Code Rating</i>	<i>Bowl Length (in)</i>	<i>Cartridge Code</i>	<i>Configuration</i>	<i>Legs</i>	<i>Drain</i>	<i>Vent</i>	<i>Connection</i>	<i>Jacket</i>	<i>Seal Material</i>
A = 10Ra B = 15Ra C = 25Ra	01 = 1 Rd 03 = 3 Rd 05 = 5 Rd 07 = 7 Rd 12 = 12 Rd 21 = 21 Rd	C = Code N = Noncode	0 = 5 1 = 10 2 = 20 3 = 30 4 = 40	7 = 226 Fin or Cap 8 = 222 Fin or Cap	T = T-Style I = In Line	W = Welded Legs X = No Legs Y = Threaded Legs Z = Mounting Bracket	0 = 1/4" Sample Valve 2 = Frac. Ferrule Elbow 5 = No Drain 6 = 1/2" Frac. Ferl. Strt. 7 = 1/4" NPTF 8 = 1/2" NPTF	0 = 1/4" Sample Valve 1 = Frac. Ferrule Neck & Skirt 3 = Frac. Ferrule Skirt 5 = No Drain 7 = 1/4" NPTF 8 = 1/2" NPTF	B = 1" AW C = 2" AW D = 3" AW F = 4" AW G = 6" AW H = 1" TC J = 1.5" TC K = 2" TC L = 3" TC M = 4" TC N = 6" TC P = 2" RF Flange Q = 3" RF Flange R = 4" RF Flange S = 6" RF Flange	0 = No Jacket 1 = w/1/2" NPTF I/O Opp. 2 = w/1/2" NPTF I/O Same 3 = w/1/2" Ferl. I/O Opp. 4 = w/1/2" Ferl. I/O Same	E = EPDM S = Silicone, Medical Grade T = PTFE V = Viton W = Silicone, F Grade

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