	-	-							•	•	-		-	
•		•	•		•	•		•	•		•	•	•	•
•			•	•			•		•	•			•	•
•	•	•	•	•	•	•	•	•	•	•		•	•	•
•	•		•	•	•	•	•	•	•	•			•	•
•	•	•	•	•	•		•	•	•	•	•	•	•	•
•	•	•	•	•	•		•	•	•	•	•	•	•	•
•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

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

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

### Applications

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

# Advantage<sup>™</sup> Sanitary Vessels

■ 316L Stainless Steel

#### Electropolished Filter Vessel Series



### Features and Benefits

- 316L Stainless steel provides lasting durability, thermal, Cast clamp closure for 1 round and swing bolt closure mechanical and chemical compatibility.
- Exteriors are electropolished to 32 Ra 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 for 222 or 226 single-open-end element seals.

- for multiple round vessels.
- T-Style designs provide easy cartridge replacement without disconnecting lines.
- Optional sanitary drain and vent valves enable complete drainage of liquids after filtration and simplify filter removal.
- Triclamp flange inlets and outlets allow easy dismantling of parts for fast and simple cleaning.
- Standard design is ASME code without stamp. Stamp is optional.

### **Process Filtration Division**

Bulletin C-7034 Eff. 8/97, Rev. 5/05 © 2000 Parker Hannifin Corporation All Rights Reserved Page 1 of 2

WARNING! FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS AND/OR SYSTEMS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE. This document and other information from Parker Hamilin Corporation, its subsidiaries and authorized distributors provide product and/or system options for further investigation by users having technical expertise. It is important that you analyze all aspects of your application and review the information concerning the product or system in the current product catalog. Due to the variety of operating conditions and applications for these products on the varies, steating users having technical expertise. It is early the variety of operating conditions and applications for these products or systems, the user, through its own analysis and testing, is solely responsible for making the final selection for the products and systems and assuring that all performance, safety and warning requirements of the application are met. The products described herein, including without limitation, product features, specifications, designs, availability and pricing, are subject to change by Parker Hannifin Corporation and its subsidiaries at any time without notice.



## Specifications

	Maximum	Connection
Size	Flow Rate	Options
1-Round	25 gpm (94.4 lpm)	1"
3-Round	75 gpm (283.5 lpm)	1.5"
5-Round	125 gpm (469 lpm)	2"
7-Round	175 gpm (661.5 lpm)	2"
12-Round	300 gpm (1,134 lpm)	3"

#### **Operating Conditions:**

- Multiple element design pressure and temperature 150 psig (10.3 bar) at 200°F (93°C) and full vacuum.
- Hydrostatic Testing Conditions 225 psig (15.5 bar)
- Single element design pressure and temperature 250 psi (liquid), 125°F psi (gas) at 100°F (38°)

#### **Design Features:**

- All vessels have T-style inlet and outlet connection.
- Multiple element vessels have legs.
- Single element vessel is supported by piping only. Not available with legs.
- Single element vessel design is non-code. Multiple element design vessels are ASME code design without stamp. Code stamp is optional.

#### Ordering Information



#### **Process Filtration Division**

S

 $\begin{array}{l} \mathsf{E} = \mathsf{EPDM} \\ \mathsf{S} = \mathsf{Silicone} \\ \mathsf{V} = \mathsf{Viton}^* \end{array}$ 

Seal Material

T = PTFE

encapsulated Viton\*

E CO

Parker Hannifin Corporation Process Filtration Division 6640 Intech Boulevard Indianapolis, Indiana 46278 Toll Free 1-888-238-5356 Telephone (317) 275-8300 Fax (317) 275-8410 http://www.parker.com/processfiltration

\*A trademark of E. I. duPont de Nemours & Co.

Bulletin C-7034 Page 2 of 2