



14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4  
Tel.: 416.734.3300  
Fax: 416.231.1626  
Toll Free: 1.877.682.8772

[www.tssa.org](http://www.tssa.org)

January 08, 2015

SUSAN TURNER  
PARKER HANNIFIN INSTRUMENTATION GROUP CANADA  
4635 DURHAM RD S  
GRIMSBY ON L3M 4G4  
CA

Service Request Type: BPV-Fitting Registration  
Service Request No.: 1536528  
Your Reference No.: F SERIES FILTER VALVES - RENEW CRN 0E9901.5  
Registered to: PARKER HANNIFIN - INSTRUMENTATION PRODUCTS DIVISION

Dear SUSAN TURNER,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

**CRN No.:** 0E9901.5R1  
**Main Design No.:** F SERIES INLINE FILTERS ( CATALOG 4135-CV PAGES 22 THRU. 28),  
SPECIFICATIONS AND PROOF OF DESIGN, DRAWINGS  
**Expiry Date:** 08-Jan-2025

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

*Note: 10 years renewal to existing registration.  
The registration covers stainless steel filters only per main design above.*

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail [customerservices@tssa.org](mailto:customerservices@tssa.org). We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

  
Ruiming You, P.Eng.  
Mechanical Engineer, BPV  
Tel.: 416-734-3428  
Fax: 416-231-6183  
Email: [ryou@tssa.org](mailto:ryou@tssa.org)



TECHNICAL STANDARDS &  
SAFETY AUTHORITY  
14th Floor, Centre Tower  
3300 Bloor Street West  
Toronto, Ontario  
Canada M8X 2X4

Show facsimile of manufacturer's logo or trademark, as it will  
appear on the fitting, in the space below

*See attached.*

## STATUTORY DECLARATION Registration of Fittings

I, Tony Wyszowski, General Manager

(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Parker Hannifin, Instrumentation Products Division (with additional manufacturing at 2651 Hwy 21 North, Jacksonville AL)

(Name of Manufacturer)

Located at 1005 A Cleaner Way, Huntsville, AL

(Plant Address)

256-881-2040

(Telephone No.)

256-881-5072

(Fax No.)

☐ do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of

(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

☒ or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with ASME B31.1 as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001:2008 which has been verified by the following authority, Det Norske Veritas.

The items covered by this declaration, for which I seek registration, are category E type fittings. In support of this application, the following information and/or test data are attached as follows:

Catalog 4135-CV, "Check Valves, Filters & Relief Valves", dated December 2010, Scope of Registration Renewal 0E9901.5

(drawings, calculations, test reports, etc.)

Declared before me at HUNTSVILLE in the state of Alabama

the 20<sup>th</sup> day of NOVEMBER AD 2014.

Commissioner for Oaths:

Sheri Cossan

(Printed name)

Sheri Cossan

(Signature)

[Signature]  
(Signature of Declarer)

### FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category E.

CRN: OE9901.5R1

Registered by: Ruiming Jia

Dated: Jan. 8, 2015

NOTE: This registration expires on: Jan. 8, 2025

OE 9901.5R1

Jan 8, 2015



**Parker Engineering Manual**  
Parker Hannifin Corporation  
Instrumentation Connectors Division

Issued 6-25-79	Section IDENTIFICATION
Revised 1-15-98	Standard No. ES-703
Ecn No. ICD97055	Page 1 OF 6

Subject:

PRODUCT LOGO MARKING REQUIREMENTS

Parker Symbol

ID-3

GENERAL:

The following information is adapted from Parker's Corporation Communications and Identification Manual.

PRODUCT IDENTIFICATION:

It is important that Parker identification appear on the millions of components sold into the market place each year. For this reason, special versions of the Corporate Signature have been designed to accommodate difficult product marking situations. The three key variables which will govern the selection of proper identification techniques are the material on which the marking is to be applied, the surface contour, and identification area size. The order of preference for product marking usage is shown. When possible, the solid Signature should be used down to a minimum of 5/8 inch. For smaller applications, the solid Open Signature, with slightly more open space within the letterforms, should be used. The Linear Signature and the Helvetica Light Parker are approved only for especially difficult marking conditions and hard material surfaces. When the marking surface, contour or area size makes it impractical to use the complete Parker identification, a "P" may be used in order of preference shown. Critical dimensions for product identification only are provided in this section.





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Ecn No. ICD97055	Page 2 OF 6

Subject:

PRODUCT LOGO MARKING REQUIREMENTS

Parker Symbol

ID-3

- 1 Primary  
Corporate Signature  
Minimum Size  $\frac{5}{8}$ "



- 2 Small Size  
Corporate Signature  
Maximum Size  $\frac{5}{8}$ "



**THIS IS PART OF**  
**CRN DE 9901-5R1**  
Technical Standards & Safety Authority  
Boilers & Pressure Vessels  
Safety Program

- 3 Linear  
Corporate Signature



- 4 Straight Type  
Identification—  
Helvetica Light

Parker

- 5 Small Size "P"  
Maximum Size  $\frac{3}{16}$ "



- 6 Linear "P"



- 7 Straight Type "P"  
Identification—  
Helvetica Light

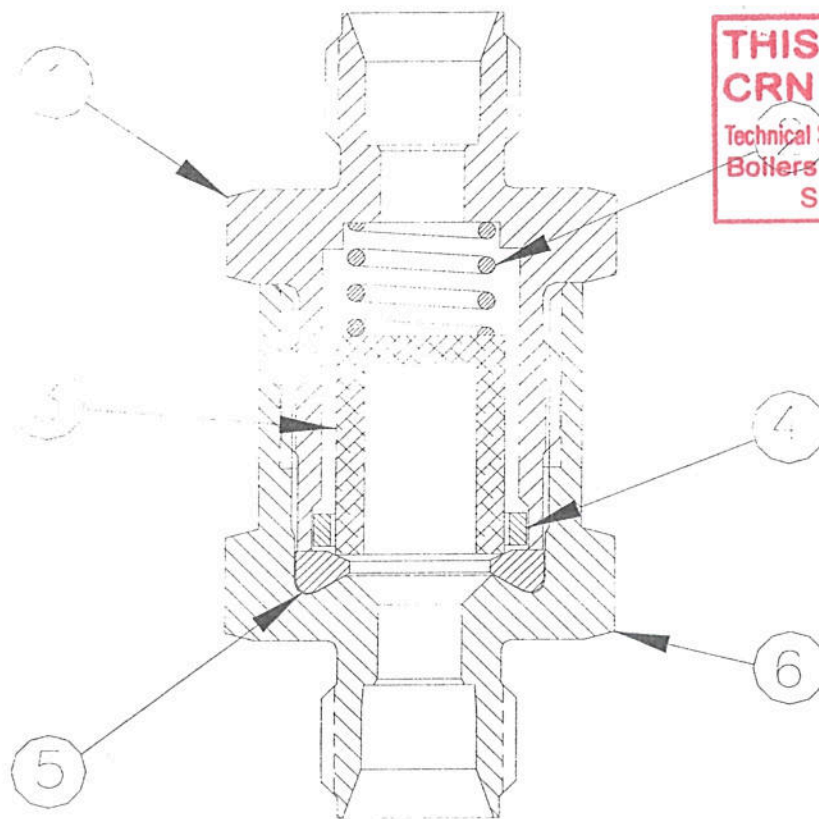
P

## Specifications

### Pressure Rating

F2, F4, F6, F8 & F12 Stainless Steel Filters:	6,000 psig CWP @ 100 °F / 5,000 psig maximum @ 400 °F
F16 Stainless Steel Filter:	5,000 psig CWP @ 100 °F / 4,000 psig maximum @ 400 °F
All Size Filters with PTFE Seats:	4,000 psig @ 100 °F / 1,500 psig maximum @ 400 °F

### Filter Cross Section



### Materials of Construction

Item #	Description	Stainless Steel Filter	Brass Filter
1	Body	ASTM A 276, Type 316	ASTM B 16, Alloy C36000
2	Spring	316 Stainless Steel	
3	Filter Element	316 Stainless Steel	
4	Guide Ring	PTFE	
5	Seal	Fluorocarbon Rubber	
6	Cap	ASTM A 276, Type 316	ASTM B 16, Alloy C36000