



the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

October 24, 2014

Attention: Catherine Diplock
PRESSURE VESSEL ENGINEERING INC
120 RANDALL DRIVE SUITE B
WATERLOO, ON N2V 1C6

The design submission, tracking number 2014-08059, originally received on October 01, 2014 was surveyed and accepted for registration as follows:

CRN : 0E05834.2

Accepted on: October 24, 2014

Reg Type: Addition to Acc. Fitting

Expiry Date: October 24, 2024

Drawing No. : BULLETIN 1300-993C/USA

Fitting type: H SERIES FILTERS

Design registered in the name of : PARKER HANNIFIN CORP

The registration is conditional on your compliance with the following notes:

This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form. This registration is valid only until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

CRN renewal; Filters 1-1/4" to 3" ports(500psi@175F).

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

Enclosed are stamped prints for your reference.

Sincerely,

GRYNCHUK, MILLA


**STATUTORY DECLARATION
Registration of Fittings**

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.



I, Daniel L. Ryan,

Engineering Manager

(company title, e.g. vice president, plant manager, chief engineer) (must be in a position of authority)

of Parker Hannifin, FAF Division

(name of manufacturer)

located at 500 Glaspie Street, Oxford MI 48371 USA

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act (check one)

☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)

☒ materials of construction, pressure/temperature ratings and identification marking of the fittings, or
are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with sound engineering practice as supported by the attached data which identifies the dimensions, materials of construction, pressure/temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified by the following authority, ISO 9001:2008 as being suitable for the manufacture of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are H-Series, 1-1/4" to 3" Ports

In support of this application, the following information, calculations and/or test data are attached:

Iso 9001 Certificate, Product Bulletin 1300-993C, Previous CRN Registration Letter

DECLARED before me at 540 N. LAPEERE RD in the County of Oakland
ORION TWP, MI 48362

this 2 day of July, 2014
(Month) (Year)

(print) JAIME J WARD

(sign) [Signature] **NOTARY PUBLIC**
(A Commissioner for Oaths)

[Signature: Daniel L. Ryan]
(Signature of Applicant)

For Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Clause 4.2, and is accepted for registration in Category E

Registration Number: 0E05834.2

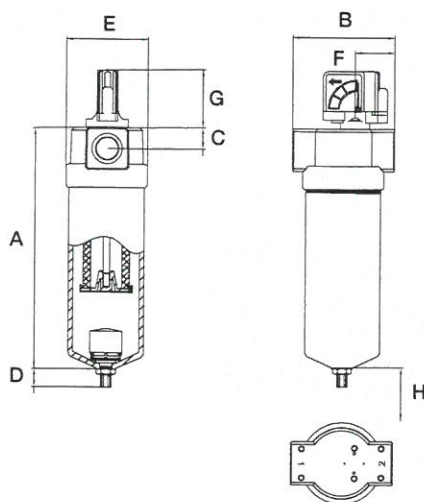
(For the Administrator/Chief Inspector of Alberta)

Date Registered: OCT 24 2014

Expiry Date: 2024-10-24

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Boiler Discipline.

Drawings, Dimensions & Specifications



1/4" to 1" Port Size Housings

Specifications

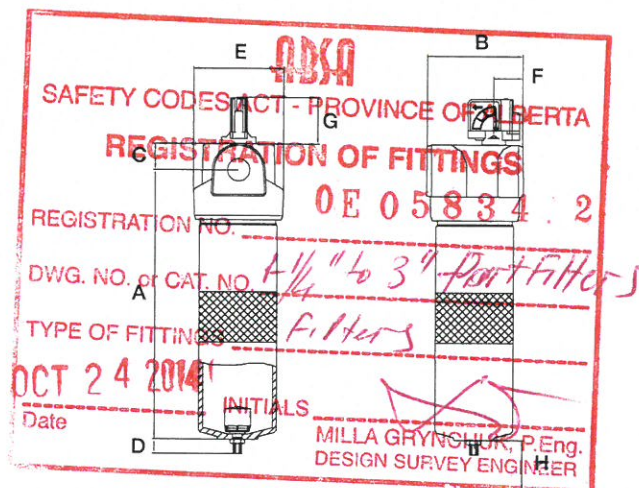
Max. Pressure: 500 PSIG (34 bar)
 Safety Factor: Max. operating to burst 4:1
 Max. Temp.: 175°F (79°C) with option to 450°F (232°C)
 Seals: Nitrile Std./Fluorocarbon optional
 Materials: Aluminum - 380 Die cast heads;
 6061 Drawn bowls
 Coatings: Chromated heads and bowls;
 Powder painted exterior
 Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when
 tee valve is removed from drain bushing.

Model	A	B	C	D	E	F	G	H*	Sump (ml)	Weight
H_1S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.49 (.68)
H_15S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.47 (.66)
H_2S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.44 (.65)
H_1L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.89 (.86)
H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
H_2L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.85 (.84)
H_3S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.56 (1.61)
H_4S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.29 (1.49)
H_4L	14.36 (365)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10.00 (254)	270	4.11 (1.86)

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.



1 1/4" to 3" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)
 Safety Factor: Max. operating to burst 4:1
 Max. Temp.: 175°F (79°C) with option to 450°F (232°C)
 Seals: Nitrile Std./Fluorocarbon optional
 Materials: Aluminum - 356 Sand cast heads;
 6061 Drawn bowls
 Coatings: Chromated heads and bowls;
 Powder painted exterior
 Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when
 tee valve is removed from drain bushing.

Model	A	B	C	D	E	F	G	H*	Sump (ml)	Weight
H_5S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	12.11 (5.49)
H_6S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8E	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8S	24.23 (617)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	19.25 (489)	530	14.00 (6.35)
H_8L	29.23 (742)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	24.02 (610)	620	15.99 (7.25)
H_0L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)
H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.



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

June 30, 2015

CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD.
120 RANDALL DR SUITE B
WATERLOO ON N2V 1C6
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 1566328
Your Reference No.: PVE-8336
Registered to: PARKER HANNIFIN CORPORATION

Dear CATHERINE DIPLOCK,

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

CRN No.: 0E05834.25R2
Main Design No.: H SERIES FILTERS 1-1/4 TO 3" PORTS
Expiry Date: 24-Oct-2024

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

Note:
Renewal of CRN
H Series Filters 1 1/4" to 3" ports (500 psi @ 175 F)

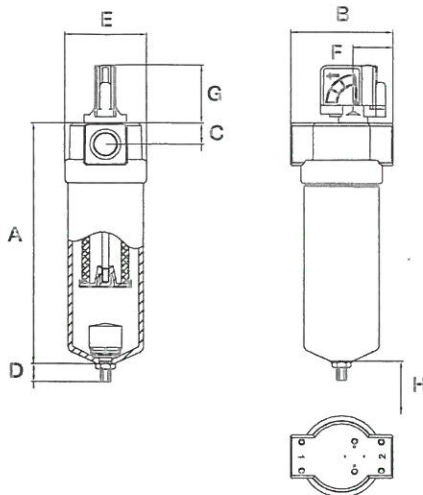
The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA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

Yours truly,

Norman Ngai

Norman Ngai, P. Eng.
Mechanical Engineer BPV
Tel. : 416-734-3557
Fax : 416-231-6183
Email : nngai@tssa.org
www.tssa.org

Drawings, Dimensions & Specifications



1/4" to 1" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)
 Safety Factor: Max. operating to burst 4:1
 Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional

Materials: Aluminum - 380 Die cast heads;

6061 Drawn bowls

Coatings: Chromated heads and bowls;

Powder painted exterior

Design: In-line threaded bowl to head

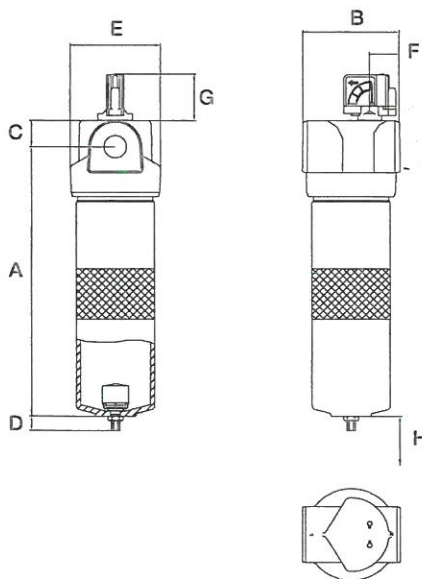
Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

THIS IS PART OF
 CRN 0E05834.25R2
 Technical Standards & Safety Authority
 Boilers & Pressure Vessels
 Safety

Model	A	B	C	D	E	F	G	H*	Sump (ml)	Weight
H_1S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.49 (.68)
H_15S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.47 (.66)
H_2S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.44 (.65)
H_1L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.89 (.86)
H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
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H_3S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.56 (1.61)
H_4S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.29 (1.49)
H_4L	14.36 (365)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10.00 (254)	270	4.11 (1.86)

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.



1 1/4" to 3" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)

Safety Factor: Max. operating to burst 4:1

Max. Temp.: 175°F (79°C) with option to 450°F (232°C)

Seals: Nitrile Std./Fluorocarbon optional

Materials: Aluminum - 356 Sand cast heads;

6061 Drawn bowls

Coatings: Chromated heads and bowls;

Powder painted exterior

Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

N.N.
 JUN. 25, 2015

Model	A	B	C	D	E	F	G	H*	Sump (ml)	Weight
H_5S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	12.11 (5.49)
H_6S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
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H_8L	29.23 (742)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	24.02 (610)	620	15.99 (7.25)
H_0L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)
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Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

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Inspection and Technical Services Manitoba
500 - 401 York Avenue
Winnipeg Manitoba R3C 0P8
T (204) 945-3373
F (204) 948-2309
www.firecomm.gov.mb.ca/codes_steam_pressure.html

30 March 2015

Pressure Vessel Engineering
120 Randall Dr. Suite B
Waterloo, ON
N2V 1C6

Attn: Catherine Diplock

REGISTRATION OF VALVES AND FITTINGS

Manufacturer: PARKER HANNIFIN CORP.

The design(s) for the following Valves/Fittings has been received by us and has been examined and accepted for registration in the Province of Manitoba as follows.

DRAWING / CATALOGUE	CRN	FILE
Bulletin: 1300-993C/USA	0E05834.24	34986

An invoice covering survey and registration fees is enclosed.

NOTE: CRN registered under reciprocal agreement & is conditional based on compliance with the notes set by the original issuing Jurisdiction: **ABSA**. See "This is part of CRN" for scope of registration. This registration expires **October 24, 2025**.

This registration is valid until the indicated expiry date only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date. Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.

The registration of this design does not relieve the manufacturer, the owner or his agent of the responsibility for the design or construction of a fitting in accordance with the applicable Acts, Codes and Standards. Inspection and Technical Services assumes no responsibility by registering designs, examining plans and/or inspecting equipment or facility.

Yours truly,

Ryan Orlesky, C.E.T.
Design Surveyor
Office of the Fire Commissioner
Inspection and Technical Services Manitoba
500 - 401 York Avenue
Winnipeg, Manitoba, R3C 0P8
Phone: 204-945-3373
Email: ryan.orlesky@gov.mb.ca

MANITOBA

DEPARTMENT OF LABOUR
AND IMMIGRATION
500 - 401 York Avenue
Winnipeg, Manitoba R3C 0P8



STATUTORY DECLARATION REGISTRATION OF FITTINGS

(a) Design Qualification

1. Daniel L. Ryan
(See Note 2)

Engineering Manager

(Position e.g.: president, plant manager, chief eng.)

of Parker Hannifin

(Name of company)

located at 500 Glaspie Street, Oxford MI 48371 USA

(Plant Address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act,

comply with all the requirements of the ANSI/ASME codes as to their dimensions.

or

- x are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with
Sound Engineering Practice code or standard, and are designed to the best current
engineering practice, as shown by the supporting test data.

(b) Quality Control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of
ISO , and has been verified by the following authority or authorized agency Det Norske Veritas
9001:2008

The fittings covered by this declaration, for which I seek registration, are H-Series 1-1/4" to 3" Ports

In support of the application, the following information, calculations and/or test data are attached:

ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test

Declared before me at 540 N. Lapeen in the province/state of Michigan the 13th
day of January AD 2015 Lake O' Hara, MI 48362

A (commissioner for oaths)

Brenda L. Ward
Notary Public, State Of Michigan
County Of Oakland

My Commission Expires February 10, 2019

Signature of Declarer

(For Official Use Only)

The application is accepted for registration in Category "E" in accordance with the Boilers and Pressure Vessels Act
and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

EXP: OCT 24, 2024

Registered Number CRN 0E05834.24

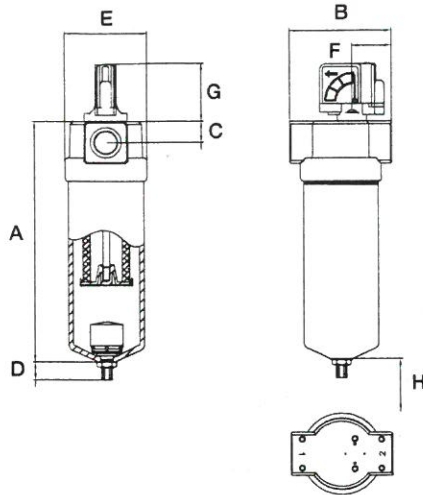
For the Chief Inspector

Date: MARCH 30, 2015

Notes:

- (1) This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.
- (2) Two completed copies of Statutory Declaration form together with two copies of Catalogs, drawings or Bulletins illustrating above fittings shall be submitted.
- (3) All fittings are required to be registered in the name of the Manufacturer.

Drawings, Dimensions & Specifications



1/4" to 1" Port Size Housings

Specifications

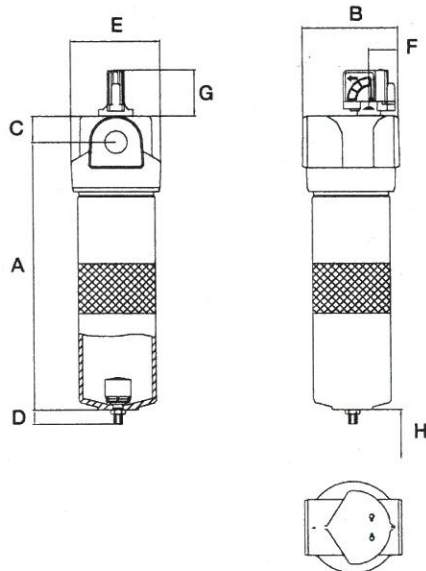
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* Clearance required to remove bowl.



1 1/4" to 3" Port Size Housings

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H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.

REGISTRATION OF FITTING DESIGN

Wednesday, March 11, 2015

Pressure Vessel Engineering
120 Randall Drive, Suite B
Waterloo, Ontario
N2V 1C6

ATTENTION : Catherine Diplock

File Number: 9677 [0 F]

With reference to your submission respecting the registration of the item below, for legal use in the province, please note we have surveyed and registered this design in accordance with The Boiler and Pressure Vessel Act.

MANUFACTURER : Parker Hannifin Corporation	
CATALOG OR DRAWING : Bulletin 1300-993C/USA	
ITEM : H Series Filters: 1-1/4" to 3" ports	CRN : OE05834.23

We wish to point out that every fitting must be constructed strictly in accordance with the registered design.

Fitting registrations are required to be resubmitted for validation after ten (10) years from the registration date in accordance with CSA B51, Clause 4.2.1. The date of expiry for this registration is **October 24, 2024**

Sincerely,



Athan Syrgiannis, Engineer-in-Training
Codes and Standards Compliance

REMARKS: CRN registered under reciprocal agreement.
CRN renewal.

Statutory Declaration (Registration of Filings)

TSK-1008

I. Declaration Information

I, Daniel L. Ryan
Engineering Manager
(company title, e.g. vice president, plant manager, chief engineer)
(must be in a position of authority in the manufacturing plant where the fitting is produced)

of: Parker Hannifin
(name of manufacturer)

In this space, show facsimile of manufacturer's logo or trademark as it will appear on the fitting.

located at: 500 Glaspie Street, Oxford MI 48371 USA
(Plant Address - Apt/Street) (City, Prov) (Postal Code)

do solemnly declare that the fittings listed hereinunder, which are subject to the **Saskatchewan Boiler and Pressure Vessel Safety Act** (check one)

- ☐ Comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
Materials of construction, pressure / temperature ratings and identification marking of the fittings, or
- ☒ Are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with Sound Engineering Practice as supported by the attached data which identifies the dimensions, materials of construction, pressure / temperature ratings and the basis for such ratings, and the marking of the fittings for identification.

I further declare that the manufacturer of these fittings is controlled by a quality control program which has been verified by the following authority, Det Norske Veritas as being suitable for the manufacturer of these fittings to the stated standard. The fittings covered by this declaration, for which I seek registration, are H-Series 1-1/4" to 3" Ports

In support of this application, the following information, calculations and / or test data are attached:

ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test

II. Declaration

DECLARED before me at 540 N. Lapeer Lake In the State of Michigan
this 13th day of January, 2015
Brenda L. Ward (print name) Brenda L. Ward (Signature)
Notary Public, State Of Michigan
County Of Oakland
My Commission Expires February 10, 2019
[Signature] (Signature of Commissioner of Oaths)

III. Office Use Only

To the best of my knowledge and belief, the application meets the requirements of the **Boiler and Pressure Vessel Safety Act** and CSA B51, Clause 4.2, and is accepted for registration in Category _____

(Registration Number)

CRN OE05834.23

(Date Registered - MM DD YYYY)

(For the Administrator / Chief Inspector)

(Expiry Date - MM DD YYYY)

File 9677

REGISTERED

Date Mar. 11, 2015

Design Survey Office



OE05834.23



505 - 6th Street, Suite 200
New Westminster, BC V3L 0E1

Toll Free: 1-866-566-SAFE
Fax: (778) 396 - 2064
www.safetyauthority.ca

PRESSURE VESSEL ENGINEERING
B-120 RANDALL DRIVE
WATERLOO ON N2V 1C6

Date: February 6, 2015
Account #: 45363
Journal #: 61644
Our File #: 5527905

Attn: CATHERINE DIPILOCK

Re: Application for Design Registration

The design, as detailed in your, PVE-8336, for a Fitting is accepted for registration as follows:

Registered To: PARKER HANNIFIN CORPORATION **CRN:** 0E05834.21

MDMT: -20 deg F

MAWT: 450 deg F

MAWP: 500 psig

Drawing #: 41283 etc.

Conditions Of Registration:

Registration addition to H-Series Filters, 1- 1/4" to 3" Ports.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

Reviewer's Notes:

As required by CSA B51 4.2.1, this registration expires on October 24, 2024. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

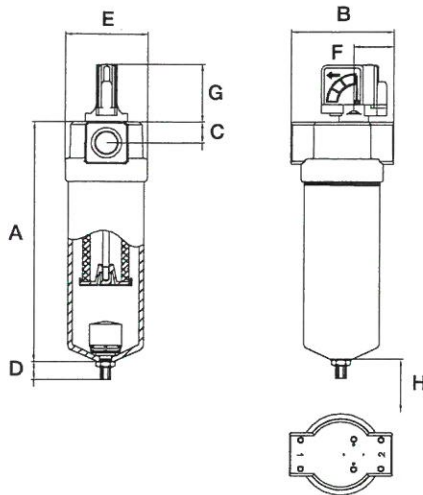
Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

SHARON PETERS

boiler.designregistration@safetyauthority.ca
Design Administration

cc:

Drawings, Dimensions & Specifications



1/4" to 1" Port Size Housings

Specifications

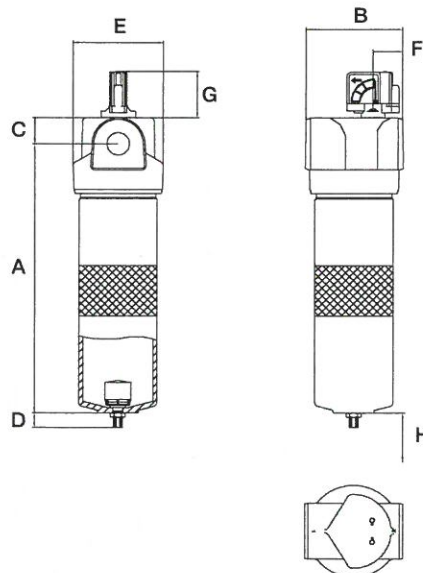
Max. Pressure: 500 PSIG (34 bar)
 Safety Factor: Max. operating to burst 4:1
 Max. Temp.: 175°F (79°C) with option to 450°F (232°C)
 Seals: Nitrile Std./Fluorocarbon optional
 Materials: Aluminum - 380 Die cast heads;
 6061 Drawn bowls
 Coatings: Chromated heads and bowls;
 Powder painted exterior
 Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when
 tee valve is removed from drain bushing.

Model	A	B	C	D	E	F	G	H*	Sump (ml)	Weight
H_1S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.49 (.68)
H_15S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.47 (.66)
H_2S	6.80 (172)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	2.99 (76)	150	1.44 (.65)
H_1L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.89 (.86)
H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
H_2L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.85 (.84)
H_3S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.56 (1.61)
H_4S	10.86 (276)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	6.5 (165)	270	3.29 (1.49)
H_4L	14.36 (365)	4.65 (118)	.96 (24)	.79 (20)	3.68 (93.5)	1.73 (44)	2.6 (66)	10.00 (254)	270	4.11 (1.86)

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.



1 1/4" to 3" Port Size Housings

Specifications

Max. Pressure: 500 PSIG (34 bar)
 Safety Factor: Max. operating to burst 4:1
 Max. Temp.: 175°F (79°C) ~~with option to 450°F (232°C)~~
 Seals: Nitrile Std./Fluorocarbon optional
 Materials: Aluminum - 356 Sand cast heads;
 6061 Drawn bowls
 Coatings: Chromated heads and bowls;
 Powder painted exterior
 Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when
 tee valve is removed from drain bushing.

Technical Safety Authority
 of Saskatchewan
 Boiler & P.V. Safety Unit
 CRN OEOS834.23
 File 9677
 REGISTERED
 Date Mar. 11, 2015
 Design Survey Office

Model	A	B	C	D	E	F	G	H*	Sump (ml)	Weight
H_5S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	12.11 (5.49)
H_6S	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8E	18.23 (463)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	13.50 (343)	440	11.97 (5.43)
H_8S	24.23 (617)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	19.25 (489)	530	14.00 (6.35)
H_8L	29.23 (742)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	24.02 (610)	620	15.99 (7.25)
H_0L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)
H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)

Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.

Le 30 avril 2015.

MRS. CATHERINE DIPLOCK
PRESSURE VESSEL ENGINEERING LTD
120 RANDAL DR., SUITE B
WATERLOO ONTARIO
CANADA N2V 1C6

REFERENCE : C.R.N. application
BULLETIN 1300-993C/USA
PVE-8336

H-SERIES FILTERS 1 1/4" TO 3" PORTS

OUR REFERENCE : 958016

MANUFACTURER : PARKER HANNIFIN CORPORATION -
500 GLASPIE STREET
OXFORD MICHIGAN
U.S.A. 48371

Dear Madam,

According to our law respecting pressure vessels, your plans have been accepted and registered under the number 0E05834.26.

TS for

GILLES BONNIER

Inspecteur

Service de l'inspection de la fabrication
d'appareils sous pression
545, boulevard Crémazie est, 7^{ème} étage
Montréal (Québec) Canada
H2M 2V2

Téléphone : (514) 873-6459
Sans frais : 1 866 262-2084
Télécopieur : (514) 873-9936

Statutory Declaration Registration of Fittings

(a) Design Qualification

I¹ Daniel L. Ryan

Engineering Manager
(Position eg. president, plant manager, chief eng.)

Of Parker Hannifin

(name of company)

Located at 500 Glaspie Street, Oxford MI 48371 USA

(plant address)

do solemnly declare that the fittings listed hereunder, which are subject to the Boilers & Pressure Vessels Act:

☐ comply with all the requirements of the ANSI/ASME codes as to their dimensions, material, identification & service for which are required:

Or

☒ are not covered by the provisions of the ANSI/ASME codes, and are therefore constructed to comply with Sound Engineering Practice

code and standard, and are designed to the best current engineering practice, as shown by the supporting test data.

(b) Quality control of Manufacture

I further declare the manufacture of these fittings is controlled by a quality control program which complies with the requirements of
ISO 9001:2008, and has been verified by the following authority or authorized agency Det Norske Veritas

The fittings² covered by this declaration, for which I seek registration, are H-Series 1-1/4" to 3" Ports

In support of the application, the following information, calculations and/or test data are attached:

ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test

Declared before me at 540 W. Lapeer Lake Orion,

In the of State of Michigan

The 13th Day of January, AD 2015

Brenda L. Ward
Notary Public, State Of Michigan
County Of Oakland
My Commission Expires February 10, 2019

Daniel L. Ryan
Signature of Declarer³

For Official Use Only

The application is accepted for registration in Category E in accordance with the Boilers and Pressure Vessels Act and CSA Standard B51.

This registration must be revalidated after ten (10) years from the date of acceptance.

Registered Number CRN

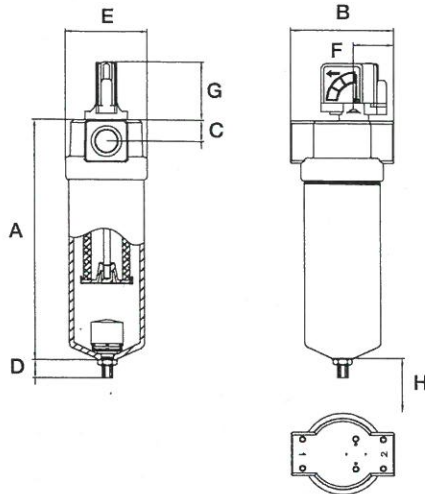
0 E05834.26

For the Chief Inspector

Date 29 AVR. 2015

- 1 Three completed copies of Statutory Declaration form together with three copies of Catalogs, drawings of Bulletins illustrating above fittings shall be submitted.
- 2 All fittings are required to be registered in the name of the Manufacturer.
- 3 This form shall be completed and signed by the president or highest official in the manufacturing plant where the fitting is produced.

Drawings, Dimensions & Specifications



1/4" to 1" Port Size Housings

Specifications

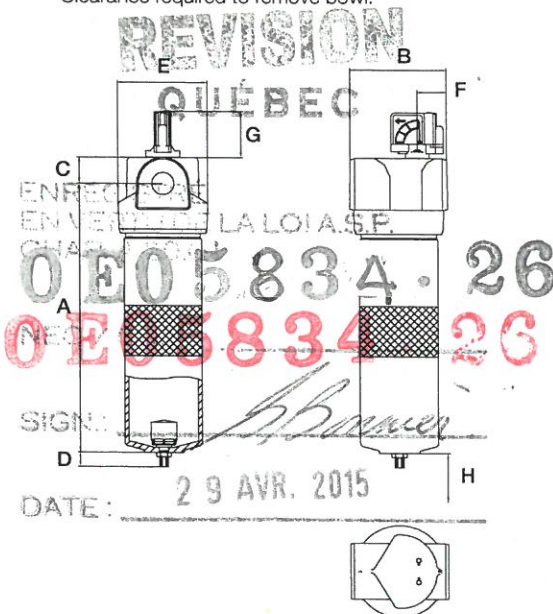
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 Seals: Nitrile Std./Fluorocarbon optional
 Materials: Aluminum - 380 Die cast heads;
 6061 Drawn bowls
 Coatings: Chromated heads and bowls;
 Powder painted exterior
 Design: In-line threaded bowl to head

Note: Manual Drain Port is 1/8" FNPT when tee valve is removed from drain bushing.

Model	A	B	C	D	E	F	G	H*	Sump (ml)	Weight
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H_1L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.89 (.86)
H_15L	9.19 (233)	3.12 (79)	.63 (16)	.79 (20)	2.98 (76)	1.56 (39.5)	2.6 (66)	5.51 (140)	140	1.87 (.85)
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Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.



1 1/4" to 3" Port Size Housings

Specifications

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 Safety Factor: Max. operating to burst 4:1
 Max. Temp.: 175°F (79°C) with option to 450°F (232°C)
 Seals: Nitrile Std./Fluorocarbon optional
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H_8L	29.23 (742)	6.0 (152)	1.65 (42)	.83 (21)	5.67 (144)	1.85 (47)	2.6 (66)	24.02 (610)	620	15.99 (7.25)
H_10L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	35.00 (15.87)
H_12L	35.70 (907)	8.0 (203)	2.4 (61)	.83 (21)	7.24 (184)	2.36 (60)	2.6 (66)	28.50 (724)	880	34.14 (15.48)


Special Note: Dimensions are in inches (millimeters); weight is in pounds (kilograms).

* Clearance required to remove bowl.

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin	
MANUFACTURERS ADDRESS: 500 Glasple Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION Sound Engineering Practice
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test H-Series 1-1/4" to 3" Ports	

DECLARATION:

I, Daniel L. Ryan (see note 3) employed by Parker Hannifin and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Det Norske Veritas as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Daniel L. RyanDeclared before me at 540 D. Hope St., Lake Orion, MIThis 13th day of January AD 2015Commissioner of Oaths
or Notary Public: (sign) Spence L. Ward

U S E T H. Spence L. Ward
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 10, 2016

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OE05834, 2 ADD3</u>	ACCEPTED
FID#: <u>2072</u>	PROVINCE OF PRINCE EDWARD ISLAND ENVIRONMENT, LABOUR & JUSTICE
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	C.R.N. <u>OE05834.29 Add3</u> DATE: <u>Feb 5/15</u> INSPECTION SERVICES SECTION BOILER/PRESSURE VESSEL BRANCH Sect. 1.0 - Fittings Rev. 1 06/2003


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin	
MANUFACTURERS ADDRESS: 500 Glasple Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION Sound Engineering Practice
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test H-Series 1-1/4" to 3" Ports	

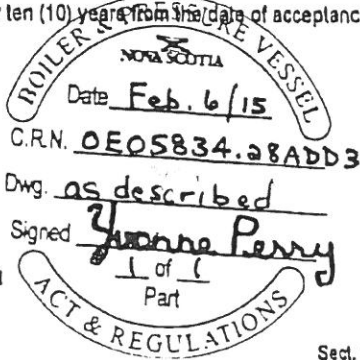
DECLARATION:

I, Daniel L. Ryan (see note 3) employed by Parker Hannifin and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Det Norske Veritas as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Daniel L. Ryan

Declared before me at 540 N. Lakeshore, Lake Orion, MI USE T. Brenda L. Ward
13th day of January AD 2015 Notary Public, State of Michigan
 My Commission Expires February 10, 2016

Commissioner of Oaths
or Notary Public: (sign) Brenda L. Ward

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OE05834,2 ADD3</u>	
FID#: <u>2072</u>	
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	

Sect. 1.0 - Fittings Rev. 1 06/2003

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin

MANUFACTURERS ADDRESS: 500 Glaspie Street, Oxford MI 48371 USA

PLANT LOCATIONS:

CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY

- A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers
 B Flanges: all flanges
 C Valves: all line valves
 D Expansion joints, flexible connections, and hose assemblies: all types
 E Strainers, filters, separators, and steam traps
 F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters
 G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs
 H Pressure retaining components that do not fall into one of the above categories
 N Nuclear components: Class 1 ☐ Class 2 ☐ Class 3 ☐. (Meeting CNSC or ASME requirements)

TITLE OF THE STANDARD OF CONSTRUCTION

Sound Engineering Practice

SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT



TYPE OF CONSTRUCTION

FORGED ☒ WELDED ☒ WROUGHT ☐
 CAST ☒ OTHER ☐
 DESCRIBE OTHER:

LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:

ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test
 H-Series 1-1/4" to 3" Ports

DECLARATION:

I, Daniel L. Ryan (see note 3) employed by Parker Hannifin and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Det Norske Veritas as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer:

Daniel L. Ryan

Declared before me at

540 N Lakeshore, Lakeside, MI

This 13th day of January

AD 2015

Commissioner of Oaths
 or Notary Public: (sign)

Brenda L. Ward

Brenda L. Ward
 Notary Public, State of Michigan
 County of Oakland
 My Commission Expires February 19, 2019

Brunswick

DEPT OF PUBLIC SAFETY

This space for Regulatory Authority use

This registration must be revalidated after ten (10) years from the date of acceptance.

CRN: OE05834.2 ADD3

FID#: 2072

REGISTRATION ONLY

CRN

OE05834.27Add3

EXAMINER:

for

CHIEF BOILER INSPECTOR

DATE:

02/6/2015

Notes:

- All fittings shall be registered in the name of the Manufacturer.
- Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.
- The declaration shall be made by the person having full authority and responsibility for the quality of the end product.
- Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.



BLRs



PVs

Sect. 1.0 - Fittings Rev. 1 06/2003



FITTINGS



COMPONENTS


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin	
MANUFACTURERS ADDRESS: 500 Glasple Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION Sound Engineering Practice
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test H-Series 1-1/4" to 3" Ports	

DECLARATION:

I, Daniel L. Ryan (see note 3) employed by Parker Hannifin and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Det Norske Veritas as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Daniel L. Ryan

Declared before me at 540 N. Lapeer, Lake Orion, MI

This 13th day of January AD 2015

Commissioner of Oaths
or Notary Public: (sign) Brenda L. Ward

Brenda L. Ward
Notary Public, State of Michigan
County Of Oakland
My Commission Expires February 10, 2019

This space for Regulatory Authority use This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OE05834, 2 ADD3</u>	Newfoundland Labrador Service NL Registered <u>OE05834.20 ADD.3</u> Date <u>15/02/06</u> Engineering and Inspection Services Registered by <u>[Signature]</u> UNDER THE AUTHORITY OF THE PUBLIC SAFETY ACT AND THE BOILER, PRESSURE VESSEL AND COMPRESSED GAS REGULATIONS Sect. 1.0 - Fittings Rev. 1.06/2003
FID#: <u>2072</u>	
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin	
MANUFACTURERS ADDRESS: 500 Glaspie Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION Sound Engineering Practice
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test H-Series 1-1/4" to 3" Ports	

DECLARATION:

I, Daniel L. Ryan (see note 3) employed by Parker Hannifin and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Det Norske Veritas as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Daniel L. Ryan

Declared before me at 540 N. Lakeshore, Lake Orion, MI

This 13th day of January AD 2019

Commissioner of Oaths
or Notary Public: (sign) Brenda L. Ward

Brenda L. Ward
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 10, 2019

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OE05834, 2 ADD3</u>	
FID#: <u>2072</u>	
Notes:	
1. All fittings shall be registered in the name of the Manufacturer.	
2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation.	
3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product.	
4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	




ADD3

UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUTNOVA SCOTIA
YUKONPRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

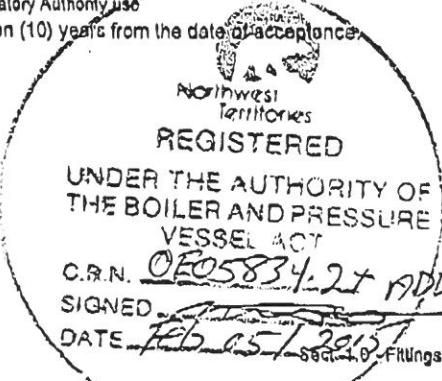
NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin	
MANUFACTURERS ADDRESS: 500 Glaspo Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> . (Meeting CNSC or ASME requirements)	TITLE OF THE STANDARD OF CONSTRUCTION Sound Engineering Practice
SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT 	TYPE OF CONSTRUCTION FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:
LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED: ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test H-Series 1-1/4" to 3" Ports	

DECLARATION:

I, Daniel L. Ryan (see note 3) employed by Parker Hannifin and being the person having full authority and responsibility for the quality of the end product do solemnly declare that the information contained in this form is true and to the best of my knowledge represents the product for which registration is sought. The dimensions, materials of construction, pressure temperature ratings, and identification markings are in accordance with the herein named standards. I further declare that the manufacture of these fittings is regulated by a Quality Control Program which extends to each plant where fabrication occurs in whole or in part and has been verified by Det Norske Veritas as being suitable for that purpose and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath.

Signature of Declarer: Daniel L. RyanDeclared before me at 540 N. Lakeshore Drive, MFUSE T, Brenda L. WardThis 13th day of January AD 2015
Notary Public, State of Michigan
Community of Oakland
My Commission Expires February 10, 2019Commissioner of Oaths
or Notary Public: (sign) Brenda L. Ward

This space for Regulatory Authority use	
This registration must be revalidated after ten (10) years from the date of acceptance.	
CRN: <u>OE05834, 2 ADD3</u>	
FID#: <u>2072</u>	
Notes: 1. All fittings shall be registered in the name of the Manufacturer. 2. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. 3. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. 4. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years.	
C.R.N. <u>OE05834-21 ADD3</u> SIGNED: <u>[Signature]</u> DATE <u>FEB 05 2015</u> Sec 1.0 - Fittings Rev. 1 08/2003	

158.00


UNIFORM STATUTORY DECLARATION FORM FOR THE REGISTRATION OF FITTING DESIGNS

NEW BRUNSWICK
NUNAVUT

NOVA SCOTIA
YUKON

PRINCE EDWARD ISLAND
NORTHWEST TERRITORIES

NEWFOUNDLAND AND LABRADOR

MANUFACTURERS NAME: Parker Hannifin	
MANUFACTURERS ADDRESS: 500 Glasple Street, Oxford MI 48371 USA	
PLANT LOCATIONS:	
<p>CATEGORY OF FITTINGS TO BE REGISTERED. CIRCLE ONE CATEGORY ONLY</p> <p>A Pipe fittings, including couplings, tees, elbows, Ys, plugs, unions, pipe caps, or reducers B Flanges: all flanges C Valves: all line valves D Expansion joints, flexible connections, and hose assemblies: all types E Strainers, filters, separators, and steam traps F Measuring devices, including pressure gauges, level gauges, sight glasses, levels, or pressure transmitters G Certified capacity-rated pressure relief devices acceptable as primary over pressure protection on boilers, pressure vessels, piping and fusible plugs H Pressure retaining components that do not fall into one of the above categories N Nuclear components: Class 1 <input type="checkbox"/> Class 2 <input type="checkbox"/> Class 3 <input type="checkbox"/> (Meeting CNSC or ASME requirements)</p>	<p>TITLE OF THE STANDARD OF CONSTRUCTION</p> <p>Sound Engineering Practice</p>
<p>SHOW MANUFACTURERS NAME, TRADEMARK, OR LOGO AS IT WILL APPEAR ON THE PRODUCT</p> 	<p>TYPE OF CONSTRUCTION</p> <p>FORGED <input checked="" type="checkbox"/> WELDED <input checked="" type="checkbox"/> WROUGHT <input type="checkbox"/> CAST <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> DESCRIBE OTHER:</p>
<p>LIST OF SUPPORTING DOCUMENTATION AND IDENTIFICATION OF THE ACTUAL ITEMS TO BE REGISTERED:</p> <p>ISO 9001 Certificate, Product Bulletin 1300-933C, Proof Test H-Series 1-1/4" to 3" Ports</p>	

DECLARATION:

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Signature of Declarer: Daniel L. Ryan

Declared before me at 540 N. Lapeer, Lake Orion, MI

This 13th day of January AD 2015

Commissioner of Oaths
or Notary Public: (sign) Brenda L. Ward

USE THIS SPACE FOR
Notary Public, State of Michigan
County of Oakland
My Commission Expires February 10, 2019

<p>This space for Regulatory Authority use</p> <p>This registration must be revalidated after ten (10) years from the date of acceptance.</p> <p>CRN: <u>OE05834,2 ADD3</u></p> <p>FID#: <u>2072</u></p> <p>Notes:</p> <ol style="list-style-type: none"> All fittings shall be registered in the name of the Manufacturer. Each category shall be supported with two Statutory Declaration forms and one copy of supporting documentation. The declaration shall be made by the person having full authority and responsibility for the quality of the end product. Quality control programs shall be resubmitted for validation at a maximum interval of five (5) years. 		<p>NUNAVUT</p> <p>Boilers and Pressure Vessels Act</p> <p>REGISTERED</p> <p>CRN <u>OE05834.2 NADD3</u></p> <p>Date <u>FEB 6, 2015</u></p> <p>Signed <u>[Signature]</u> Sect. 1.0 - Fittings Rev. 1/06/2003 Chief Inspector</p> <p>Territorial Registration Fee</p>
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