

Stainless steel filter housings for sanitary gas and liquid applications.

Donaldson® PG-IL in-line filter housings are designed for sanitary filtration of liquids and gases in installations where traditional t-style housings are not practical. The slim, compact design of PG-IL housings allows them to be installed in tight spaces and, when used in gas or liquid applications, either in a vertical or horizontal orientation. The housings are equipped with 1½" Tri-Clamp®* inlet and outlet connections and ½" Tri-Clamp® vent/drain ports.

PG-IL housings are BPE compliant and 3-A certified. Housings are available in four sizes with a capacity up to 1,290 scfm for gas applications and up to 18 gpm for liquid. Standard housing filter elements are compatible with Code 7 or Code 2 with 226 O-Rings and bayonet locking tabs. A broad range of filter element types are available to meet your specific compatibility and efficiency requirements.



PG-IL

SPECIFICATIONS

MATERIALS

Filter Housing	316L SS standard, 304 SS optional
Housing Gasket	EPDM (other gaskets available upon request)

MAXIMUM OPERATING PRESSURE

150 psig @ 300°F

MAXIMUM OPERATING TEMPERATURE

300°F standard, for higher temperatures consult factory

SURFACE FINISH

Inner	Electropolished to Ra 15
Outer	Electropolished to Ra 32

CONNECTION TYPES

All models Tri-Clamp® connection

CERTIFICATIONS

Used in applications that require 3-A, BPE, CRN compliance or material traceability (MTR).

REPORTS INCLUDED WITH HOUSING

- Weld Legs and Welder Performance Qualification
- Welding Procedure Specifications with Procedure Qualification Records
- Certificate of Hydrostatic Pressure Test Report
- Certificate of Nitric Passivation in Accordance with ASTM A-380/A-967
- Certificate of Surface Finish (Int. & Ext.)
- Certificate of Electropolish
- Quality Control and Acceptance Report

*Tri-Clamp is a registered trademark of Ladish Company.

DIMENSIONS

Tri-Clamp®

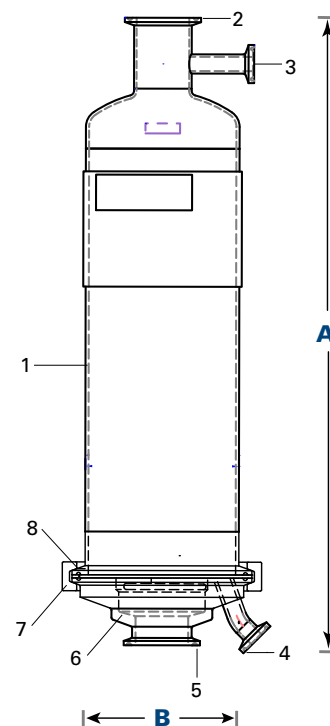
Model Number	Gas Capacity (scfm)	Liquid Capacity (gpm)	Connection (Tri-Clamp®)	Dimensions (inches)		Element (Code 7 Connection)		Weight (lbs)	Part Number
				Length A	Width B	Size	Qty		
0005	215	3	1/2"	11.3	4.7	05/30	1	8.6	1C105890-01
0005	215	3	1"	11.3	4.7	05/30	1	8.7	1C105890-02
0005	215	3	1-1/2"	11.3	4.7	05/30	1	8.8	1C105890
0005	215	3	2"	11.3	4.7	05/30	1	8.9	1C105890-03
0010	322	6	1"	16.3	4.7	10/30	1	8.9	1C105891-01
0010	322	6	1-1/2"	16.3	4.7	10/30	1	9.1	1C105891
0010	322	6	2"	16.3	4.7	10/30	1	9.2	1C105891-02
0020	484	12	1"	26.3	4.7	20/30	1	11.9	1C105892-01
0020	484	12	1-1/2"	26.3	4.7	20/30	1	12.0	1C105892
0020	484	12	2"	26.3	4.7	20/30	1	12.1	1C105892-02
0030	548	18	1"	36.3	4.7	30/30	1	14.9	1C105893-01
0030	548	18	1-1/2"	36.3	4.7	30/30	1	15.0	1C105893
0030	548	18	2"	36.3	4.7	30/30	1	15.1	1C105893-02
0040	648	24	1"	44.3	4.7	40/30	1	17.2	1C105894-01
0040	648	24	1-1/2"	44.3	4.7	40/30	1	17.3	1C105894
0040	648	24	2"	44.3	4.7	40/30	1	17.4	1C105894-02

Butt-Weld

Model Number	Gas Capacity (scfm)	Liquid Capacity (gpm)	Connection (Tri-Clamp®)	Dimensions (inches)		Element (Code 7 Connection)		Weight (lbs)	Part Number
				Length A	Width B	Size	Qty		
0005	215	3	1/2"	11.1	4.7	05/30	1	8.4	1C105890-04
0005	215	3	1"	11.1	4.7	05/30	1	8.5	1C105890-05
0005	215	3	2"	11.1	4.7	05/30	1	8.8	1C105890-06
0010	322	6	1"	16.1	4.7	10/30	1	9.0	1C105891-03
0010	322	6	2"	16.1	4.7	10/30	1	9.2	1C105891-04
0020	484	12	1"	26.1	4.7	20/30	1	11.9	1C105892-03
0020	484	12	2"	26.1	4.7	20/30	1	12.1	1C105892-04
0030	548	18	1"	36.1	4.7	30/30	1	14.9	1C105893-05
0030	548	18	2"	36.1	4.7	30/30	1	15.1	1C105893-06
0040	648	24	1"	44.1	4.7	40/30	1	17.2	1C105894-05
0040	648	24	2"	44.1	4.7	40/30	1	17.4	1C105894-06

ANSI Flange

Model Number	Gas Capacity (scfm)	Liquid Capacity (gpm)	Connection (Tri-Clamp®)	Dimensions (inches)		Element (Code 7 Connection)		Weight (lbs)	Part Number
				Length A	Width B	Size	Qty		
0005	215	3	1/2"	11.3	4.7	05/30	1	8.4	1C105890-07
0005	215	3	1"	11.5	4.7	05/30	1	8.5	1C105890-08
0005	215	3	2"	11.7	4.7	05/30	1	8.8	1C105890-09
0010	322	6	1"	16.3	4.7	10/30	1	9.0	1C105891-05
0010	322	6	2"	16.5	4.7	10/30	1	9.2	1C105891-06
0020	484	12	1"	26.4	4.7	20/30	1	11.9	1C105892-05
0020	484	12	2"	26.5	4.7	20/30	1	12.1	1C105892-06
0030	548	18	1"	36.3	4.7	30/30	1	14.9	1C105893-09
0030	548	18	2"	36.5	4.7	30/30	1	15.1	1C105893-10
0040	648	24	1"	44.3	4.7	40/30	1	17.2	1C105894-09
0040	648	24	2"	44.5	4.7	40/30	1	17.4	1C105894-10



No.	Description
1	Bowl
2	Inlet
3	Vent
4	Drain
5	Outlet
6	Head assembly
7	Housing clamp
8	Housing gasket



Important Notice

Many factors beyond the control of Donaldson can affect the use and performance of Donaldson products in a particular application, including the conditions under which the product is used. Since these factors are uniquely within the user's knowledge and control, it is essential the user evaluate the products to determine whether the product is fit for the particular purpose and suitable for the user's application. All products, specifications, availability and data are subject to change without notice, and may vary by region or country.

Donaldson Company, Inc.
Minneapolis, MN

donaldson.com
shop.donaldson.com

Australasia 61-02-4350-2066
marketing.australia@donaldson.com

Brazil 55-11-4894-6035
vendas.brasil@donaldson.com

China 86-400-921-7032
info.cn@donaldson.com

EMEA 49-2129-569-0
cap-europe@donaldson.com

India 91-124-4807-400
indianquiries@donaldson.com

Japan 81-42-540-4123
ndl-ultrafilter-web@donaldson.com

Korea 82-2-517-3333
cap-kr@donaldson.com

Latin America 52-449-300-2442
industrialair@donaldson.com

North America 800-543-3634
processfilters@donaldson.com

South Africa 27-11-997-6000
samarketing@donaldson.com

Southeast Asia 65-6311-7373
sea.salesenquiry@donaldson.com

F117008 ENG (02/19) PG-IL Sanitary In-line Housings

© 2007 Donaldson Co., Inc. All Rights Reserved. Donaldson and the color blue are marks of Donaldson Company, Inc. All other marks belong to their respective owners.

{Contains Donaldson proprietary technology.}