



PG-IL

SANITARY IN-LINE FILTER HOUSINGS

Process Filtration

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.



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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.

SPECIFICATIONS

MATERIALS

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

MAXIMUM OPERATING PRESSURE

10.35 bar @ 149° C (150 psig @ 300° F)

MAXIMUM OPERATING TEMPERATURE

149° C (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.

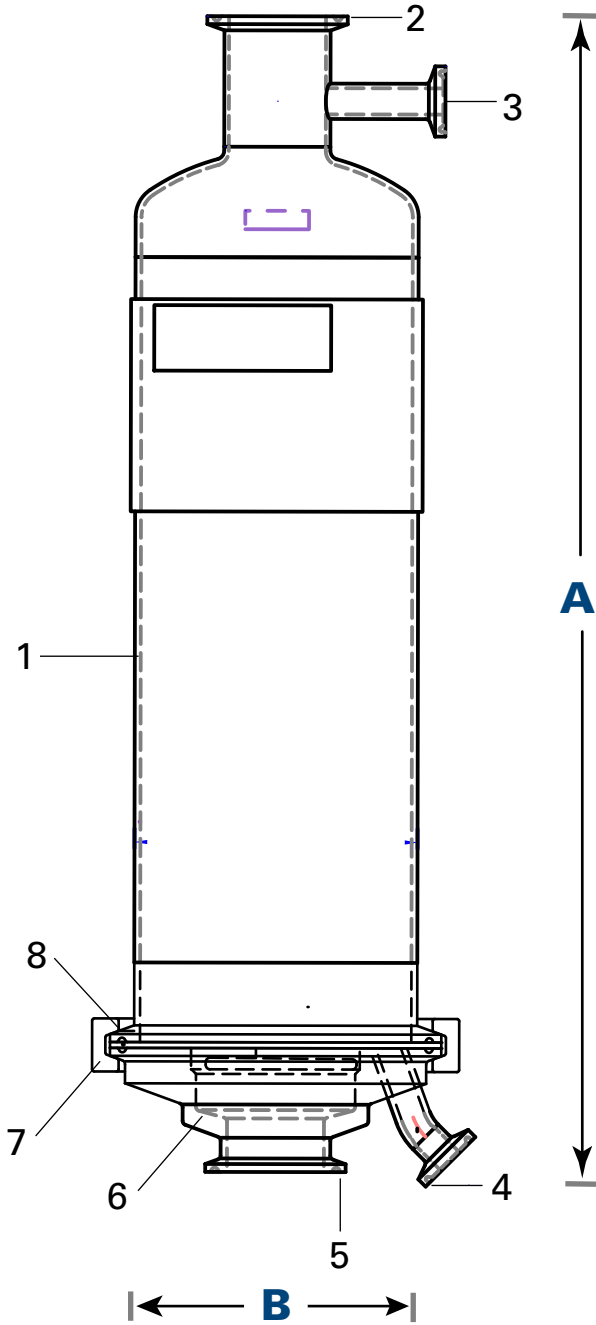
DIMENSIONS

TRI-CLAMP®

Model No.	Gas Capacity		Liquid Capacity		Connection (Tri-Clamp®)		Dimensions				Element (Code 7 Connection)		Weight		Part No.
	m³/hr	scfm	lpm	gpm	mm	in.	Length A		Width B		Size	Qty	kg	lbs	
							mm	in.	mm	in.					
0005	365	215	11	3	13	1/2	287	11.3	119	4.7	05/30	1	3.9	8.6	1C105890-01
0005	365	215	11	3	25	1	287	11.3	119	4.7	05/30	1	3.9	8.7	1C105890-02
0005	365	215	11	3	38	1-1/2	287	11.3	119	4.7	05/30	1	4.0	8.8	1C105890
0005	365	215	11	3	51	2	287	11.3	119	4.7	05/30	1	4.0	8.9	1C105890-03
0010	547	322	23	6	25	1	414	16.3	119	4.7	10/30	1	4.0	8.9	1C105891-01
0010	547	322	23	6	38	1-1/2	414	16.3	119	4.7	10/30	1	4.1	9.1	1C105891
0010	547	322	23	6	51	2	414	16.3	119	4.7	10/30	1	4.2	9.2	1C105891-02
0020	822	484	45	12	25	1	668	26.3	119	4.7	20/30	1	5.4	11.9	1C105892-01
0020	822	484	45	12	38	1-1/2	668	26.3	119	4.7	20/30	1	5.4	12.0	1C105892
0020	822	484	45	12	51	2	668	26.3	119	4.7	20/30	1	5.5	12.1	1C105892-02
0030	931	548	68	18	25	1	922	36.3	119	4.7	30/30	1	6.8	14.9	1C105893-01
0030	931	548	68	18	38	1-1/2	922	36.3	119	4.7	30/30	1	6.8	15.0	1C105893
0030	931	548	68	18	51	2	922	36.3	119	4.7	30/30	1	7	15.1	1C105893-02
0040	1101	648	91	24	25	1	1125	44.3	119	4.7	40/30	1	8	17.2	1C105894-01
0040	1101	648	91	24	38	1-1/2	1125	44.3	119	4.7	40/30	1	8	17.3	1C105894
0040	1101	648	91	24	51	2	1125	44.3	119	4.7	40/30	1	8	17.4	1C105894-02

ANSI FLANGE

Model No.	Gas Capacity		Liquid Capacity		Connection (Tri-Clamp®)		Dimensions				Element (Code 7 Connection)		Weight		Part No.
	m³/hr	scfm	lpm	gpm	mm	in.	Length A		Width B		Size	Qty	kg	lbs	
							mm	in.	mm	in.					
0005	365	215	11	3	13	1/2	287	11.3	119	4.7	05/30	1	3.8	8.4	1C105890-07
0005	365	215	11	3	25	1	292	11.5	119	4.7	05/30	1	3.9	8.5	1C105890-08
0005	365	215	11	3	51	2	297	11.7	119	4.7	05/30	1	4.0	8.8	1C105890-09
0010	547	322	23	6	25	1	414	16.3	119	4.7	10/30	1	4.1	9.0	1C105891-05
0010	547	322	23	6	51	2	419	16.5	119	4.7	10/30	1	4.2	9.2	1C105891-06
0020	822	484	45	12	25	1	671	26.4	119	4.7	20/30	1	5.4	11.9	1C105892-05
0020	822	484	45	12	51	2	673	26.5	119	4.7	20/30	1	5.5	12.1	1C105892-06
0030	931	548	68	18	25	1	922	36.3	119	4.7	30/30	1	6.8	14.9	1C105893-09
0030	931	548	68	18	51	2	927	36.5	119	4.7	30/30	1	6.8	15.1	1C105893-10
0040	1101	648	91	24	25	1	1125	44.3	119	4.7	40/30	1	7.8	17.2	1C105894-09
0040	1101	648	91	24	51	2	1130	44.5	119	4.7	40/30	1	7.9	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.



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