

Datasheet

W1 Series

Single Round Housings

W1 Series Cartridge Filter Housing

Stainless steel industrial liquid housing for prefiltration and clarification duties. Designed to house a single filter element with either DOE or Code 8 (222 / fin) end-cap configuration, and available in Code 7 as an option.

Cost effective with robust design with v-band closure which ensures quick and easy filter change-out capabilities.



Parameter	Specification
Model	W1 Series
Number of cartridges	1 piece
Cartridge length	5", 10", 20", 30" & 40"
Housing material	Stainless steel SS316L or SS304
End-cap types	DOE & Code 8 (Standard format) Code 7 (as option)
Inlet connection	3/4" or 1" BSP female
Outlet connection	3/4" or 1" BSP female
Vent connection	1/4" BSP female (2 vents)
Drain connection	1/4" BSP female
Maximum working pressure	7 bar (g)
Design Pressure	10 bar (g)
Maximum operating temperature	100 °C
Closure type	V-Band closure
Orientation	Vertical
Support	Supplied with wall bracket
Surface finish (standard)	Cast Head & polished bowl
Application	Liquid filtration
PED compliance	PED 2014/68/EU – Article 4.3 (SEP)

General Information

The use of SS304 or SS316L provides excellent corrosion resistance and suitability for aggressive media and hygienic applications. The cast steel head unit is robust and durable.

Compatibility with DOE and Code 8 filter cartridges allows flexible cartridge selection. Available as Code 7 as an option.

The v-band closure is well suited for industrial systems operating up to 7 bar and 100 °C.

The integrated vent and drain connections support safe start-up and complete system draining, while the wall bracket ensure safe and stable installation.

Available in lengths from 5" through to 40".

This filter housing is designed and manufactured in accordance with PED 2014/68/EU, Article 4.3.

Dimensions

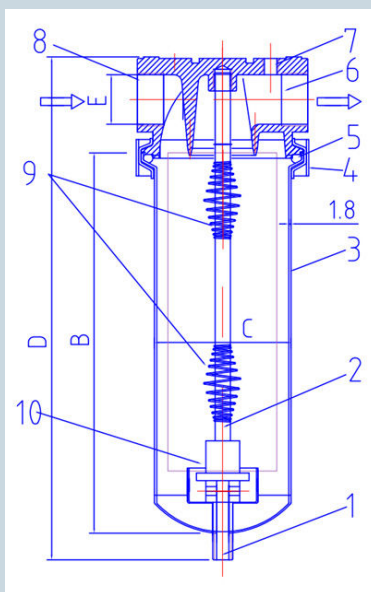
Housing	B (mm)	C (mm)	D (mm)	E (mm)
5"	185	89	255 +/- 5	3/4" or 1"
10"	305	89	375 +/- 5	3/4" or 1"
20"	555	89	625 +/- 5	3/4" or 1"
30"	805	89	875 +/- 5	1"
40"	1055	89	1126 +/- 5	1"

Design & Construction

- Cylindrical pressure housing manufactured from SS304 or SS316L.
- V-Band closure ensures quick and easy filter element change without the need for tools.
- Supplied with a wall bracket.
- Designed to accept either DOE or Code 3 or Code 8 filter elements. Simply remove the inner tie-rod to adapt between configurations.
- Available also to fit Code 7 (226 Bayonet) as an option.
- Integrated vent ports (1/4" BSP female) and drain (1/4" BSP female).
- Manufactured according to Sound Engineering Practice (SEP)

Typical Applications

- Food and beverage
- Fine chemicals and solvents
- Coatings (solvents, inks, and dyes)
- Water treatment
- General industrial applications
- Pre-filtration and clarification



Ordering information

Code	Length (inch)	Connection inlet/outlet	Endcap Type	Seal Material	Material
W1	L05 L10 L20 L30 L40	BF3/4 - 3/4" BSP BF1 - 1" BSP	C2 - Code 8 or DOE C6 - Code 7	E - EPDM V - Viton S - Silicone N - Nitrile	M304 M316L

Disclaimer

All information in this datasheet is provided for guidance only and may be subject to change. The filter housing is manufactured in accordance with PED 2014/68/EU, Article 4.3 (Sound Engineering Practice) The end user is responsible for correct selection, installation, and operation within the specified design limits. The manufacturer accepts no liability for improper use or unauthorized modifications.