

Datasheet

2W5 Series Filter Housings

Model: 2W5L1, 2W5L2, 2W5L3 & 2W5L4

2W5 Series Cartridge Filter Housing (5 × 10", 20", 30", 40")

This industrial cartridge filter housing is designed to accommodate up to five filter cartridges of 10", 20", 30", or 40" length. It is manufactured from SS304 as standard, with SS316L available as an option. The housing is equipped with a v-band clamp closure, providing a quick and secure sealing solution for demanding industrial applications.

The housing is supplied with fixed stainless steel support legs, ensuring stable floor installation and safe operation. Integrated vent and drain connections facilitate safe commissioning and easy maintenance.



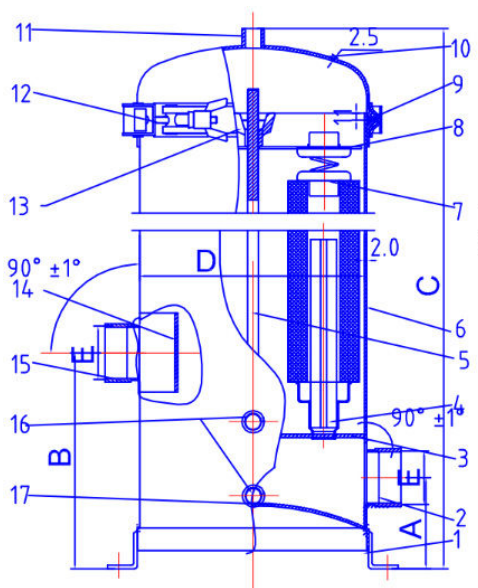
Parameter	Specification
Model	2W5L1, 2W5L2, 2W5L3, 2W5L4
Number of cartridges	5 cartridges
Cartridge length	10", 20", 30" or 40"
Housing material	Stainless steel SS304 (standard) Stainless steel SS316L (available)
End-cap types	DOE (Double Open End), 222 O-ring
Inlet connection	2" BSP male
Outlet connection	2" BSP male
Vent connection	1/4" BSP female
Drain connection	1/4" BSP female
Max. operating pressure	6 bar (g)
Max. operating temperature	110 °C
Closure type	V-band clamp
Orientation	Vertical
Support	Fixed stainless steel legs
Surface finish (standard)	Industrial
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. Compatibility with DOE and 222 end-caps allows flexible cartridge selection. The V-band closure is suitable for industrial systems operating up to 6 bar and 110 °C and enables quick and easy filter replacement.

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

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



Design & Construction

- Cylindrical pressure housing manufactured from SS304 or SS316L.
- V-band closure ensures even compression and secure sealing.
- Fixed legs provide mechanical stability and allow direct floor installation.
- Designed to accept either DOE or 222 end-cap configurations, which are easily interchangeable.
- Designed for 5 × 10", 20", 30", or 40" cartridge configuration.
- Integrated vent (1/4" BSP female) and drain (1/4" BSP female) connections.
- Manufactured according to Sound Engineering Practice (SEP).

Typical Applications

- Chemical processing
- Pharmaceutical and biotechnology industries
- Food & beverage processing
- Process water and high-purity water systems
- Oil, fuel, and lubricant filtration
- Pre-filtration and final filtration in critical industrial processes

Dimensions					
Model	A	B	C	D	E
2W5L1	120mm	220mm	570mm	200mm	2" BSP male
2W5L2	120mm	220mm	820mm	200mm	2" BSP male
2W5L3	120mm	220mm	1070mm	200mm	2" BSP male
2W5L4	120mm	220mm	1320mm	200mm	2" BSP male

Ordering information					
Code	Cartridge Length (inch)	Connection inlet/outlet	End-Cap Configuration	Gasket Material	Housing Material
2W5	L1 - 10" L2 - 20" L3 - 30" L4 - 40"	BM2 - 2" BSP Male	C2 - DOE or Code 8	E - EPDM	M304 - SS304 M316L - SS316L

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.