

Datasheet

3W7 Series Filter Housings

Model: 3W7L3 & 3W7L4

3W7 Series Cartridge Filter Housing (7 × 30" or 40")

These industrial cartridge filter housings are designed to accommodate up to seven filter cartridges of 30", or 40" length. It is manufactured from SS304 as standard, with SS316L available on request. The housing is equipped with a swing-bolt closure, providing a robust 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	3W7L3, 3W7L4
Number of cartridges	7 cartridges
Cartridge length	30" or 40"
Housing material	Stainless steel SS304 (standard) Stainless steel SS316L (optional)
End-cap types	DOE (Double Open End), 222 O-ring
Inlet connection	2" BSP male (standard) Flanged available on request
Outlet connection	2" BSP male Flanged available on request
Vent connection	1/4" BSP female
Drain connection	1/2" BSP female
Max. operating pressure	10 bar (g)
Max. operating temperature	110 °C
Closure type	Swing-bolt closure
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 swing-bolt closure is suitable for industrial systems operating up to 10 bar and 110 °C and enables robust security and 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.

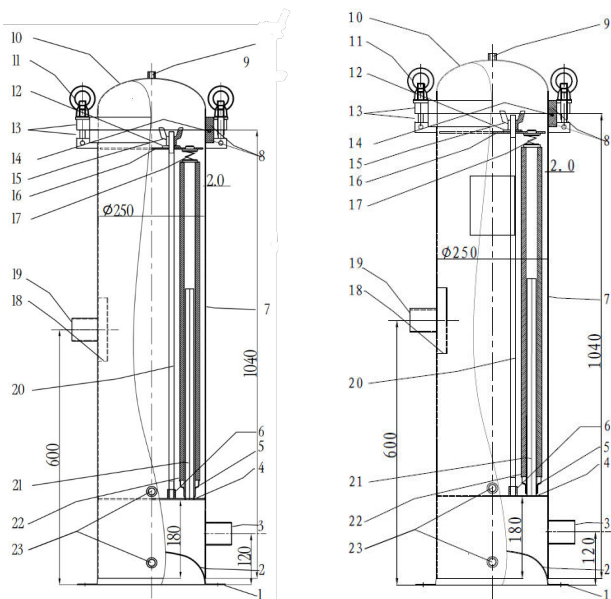
This filter housing is designed and manufactured in accordance with PED 2014/68/EU, Article 4.3.

Design & Construction

- Cylindrical pressure housing manufactured from SS304 or SS316L.
- Swing-bolt closure provides a robust and secure sealing solution while allowing quick and easy filter replacement.
- 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 7 × 30" or 40" cartridge configuration.
- Integrated vent (1/4" BSP female) and drain (1/2" 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



Key Features

- 10 bar working pressure
- Swing-bolt closure
- Threaded or flanged connections
- Accepts DOE or C8 (222) end-cap configurations
- SS304 or SS316L construction
- Floor standing for stability
- Robust construction

Ordering information

Code	Cartridge Length (inch)	Connection inlet/outlet	End-Cap Configuration	Gasket Material	Housing Material
3W7	L3 - 30" L4 - 40"	BM2 - 2" BSP Male FD2 - DN50 Flange FD3 - DN65 Flange	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.