



Single Cartridge & Multi Cartridges Filter Housings



Overview

- Single Cartridge Filter Housings are fabricated from SS304, SS316 and SS316L etc. varied material of construction. Housings are suitable to accommodate customised connection filter cartridges i.e. Both End Open Type, BSP/NPT threaded type and Code-VII adaptor type. Such housings are closed using TC clamp Closure or Eye Bolt Closure depending upon design pressure.
- Multi-cartridge housings are different than single housings. They hold more than one cartridge at the same time in the same chamber, allowing for higher flow rates and higher filter surface area. Multi cartridge filter housings are designed as per ASME SEC VII DIV-1 code as per pressure vessel calculations. We carry ASME code stamped and non-code stamped models as well as other special options to suit your filtration application.

Features & Benefits

- Single Cartridge filter housing is Compact designed.
- Single round Housing Requires minimum floor space and can be dismantled quickly cleaning or replacement of Cartridges.
- Sanitary design filter housings are available with quick opening tri-clover clamps or ASA flanged nozzles.
- Drain, sampling, and vent connections are provided.
- T-style and inline configurations allow flexible piping options.
- Filter housings are suitable for filter cartridges of length 5", 10", 20", 30" etc.
- Electro polished surface is provided on request.
- Multi Cartridge filter housings are suitable to installed a large nos. of filter cartridges for high flow capacities.
- Filter housing can be fully drained provided with swing bolts for quick opening & davit arm with wheel for ease of Lifting top covers.
- Externally mechanically polished, buffed or pickled.
- Various instrument configurations possible.
- Multi cartridge filter housings are suitable for cartridges with end-cap configuration of Both End Open, BSP/NPT threaded end, CODEVII and customised

Standard Specification

- Design pressure : Full Vacuum to 250 bar Max.
- Design temperature : -10°C to 300°C & for Gas Temp. Upto 1000°C
- All parts with fluid contact are SS 304, SS 316L, Hastelloy, Monel, Duplex Steel, Alloy 20 etc.
- Housings are available with Eye Bolt & Swing Nut Closure, Lifting Lugs, Holding LUG
- Internally & Externally polished Upto Ra < 0.8µm, On-request internally can be polished upto Ra < 0.4µm and/or electro polishing also possible.
- O-ring sealing : Standard Silicon, Viton, PTFE, EPDM

Customized Requirements

- We understand that our customers are facing complex processes and environmental requirements. There where standard filter housing could not be sufficient, our engineers are able to design a custom made filtration solution.