

# LSH Sanitary Filter Housing



- Flow efficiency design
- Designed to minimise pressure drop
- In-line construction to easy and quick exchange filter elements
- Mechanical polished surfaces or electropolished with internal  $Ra < 0.4\mu m$ ,  $0.6\mu m$  or  $0.8\mu m$
- Housing accepts one single-open-end code 226 ad 222 style cartridge: in 5", 10", 20", 30" or 40" lenght

LSH is a sanitary range of ChemTech's housings specifically designed to complement the latest generation compressed air, gas, steam and liquid filter elements.

These filter housings are suitable for small to medium liquid volume filtration and sterile air /gas applications. They could be used in food and beverage, chemical, petrochemical and other industries.

LSH housing match every sterile filter application from the small laboratory or pilot scale up to the largest industrial sizes. They could be equipped in a vent and drain valve.

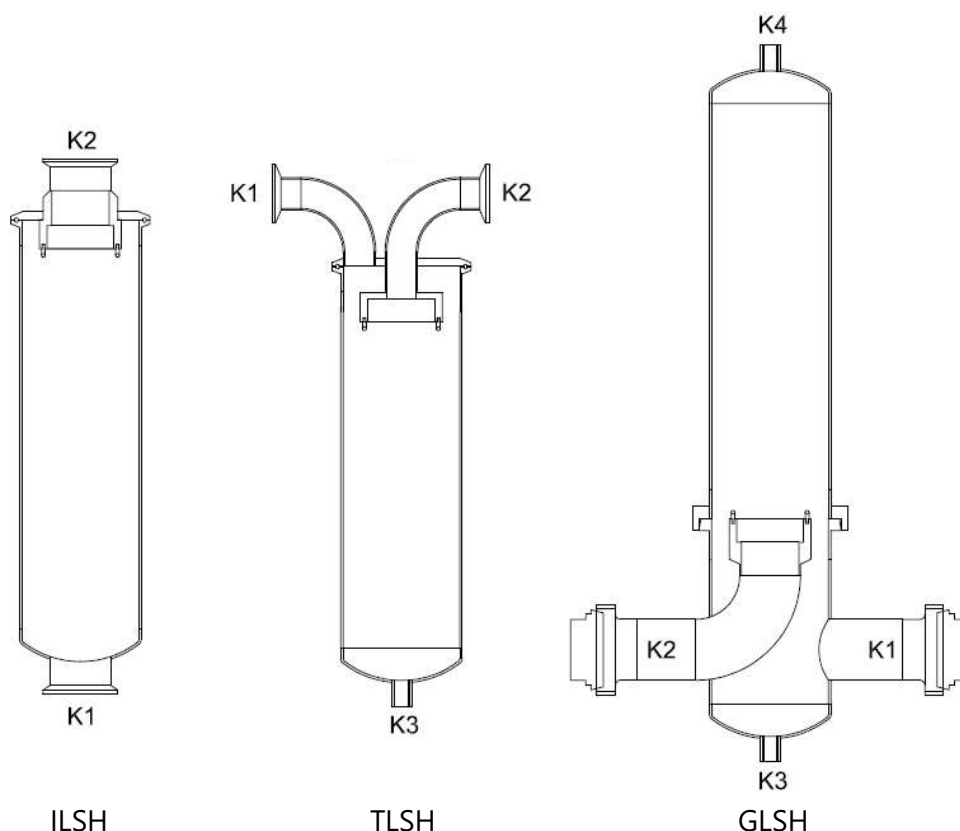
The standard material of construction is AISI 316L (1.4404) or AISI 304 stainless steel (1.4301), that guarantee high corrosion resistance. A wide choice of industry standard connections are provided for ease of installation. Custom designs are also available upon request.

LSH filter housing is high flow rate designed with double o-ring sealing material end cap (standard single-open-ended (SOE) sanitary style codes 226 o-rings and 222 o-rings) which ensure the filtration process can be operated in a low pressure but high stability condition.

## Design pressure and temperature

Maximum temperature : 142°C  
Maximum pressure : 10 bar

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## Ordering Information

Housing Type	Type	Length of cartridge[inch]	Code of cartridge	Closure	Finish
I	LSH	5 = 5	DOE = double opened	DIN = quick release coupling	S = Satin (glass beaded)
T		1 = 10			P = Mechanical polish
G		2 = 20	2 = code 222	FL = Flanged	EP = Electropolish
		3 = 30	6 = code 226	TC = Tri-clamp	
		4 = 40			

Material	Body Seal	Connection size	Connection type
04 = AISI 304	B = NBR	15 = DN15	FL = Flanged
06 = AISI 316	E = EPDM	20 = DN20	BSP = Thread
06L = AISI 316L	S = Silikon	25 = DN25	DIN = Quick release coupling
	V = Viton	32 = DN32	FT = Butt welding
		40 = DN40	TC = Tri-clamp
		50 = DN50	
		65 = DN65	