

High Pressure Filter Housings



Tiger Filtration manufacture a range of high-pressure stainless-steel filter housings which are suitable for use in standard compressed air and gas applications but also meet the criteria for use in extreme operating conditions - capable of withstanding high or low temperatures & mechanical stresses such as vibrations.

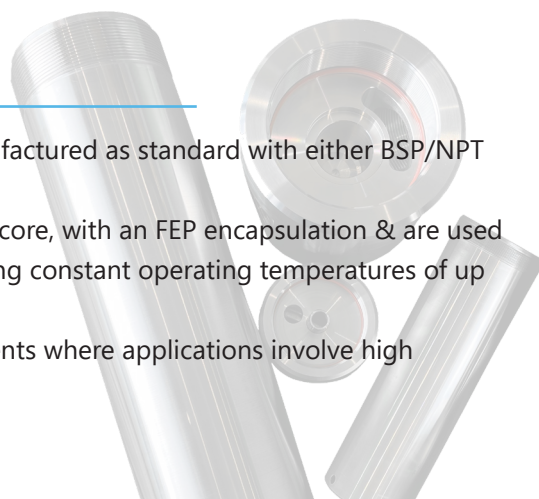
Available in several grades of stainless steel with a choice of inlet-outlet thread connections - designed to meet your specification. Each housing is designed to meet the requirements of The Pressure Equipment Directive (97/23/EC) in accordance to the ASME VIII Div. 1 Boiler Pressure Vessel Code.

The need for high-pressure filter housings can be seen in several industries such as:

- ✓ Chemical
- ✓ Environmental
- ✓ Gas
- ✓ Pharmaceutical
- ✓ Plant Engineering

Features & Benefits:

- ✓ **Customisable for Your Applications:** Thread connections are manufactured as standard with either BSP/NPT but can be customised at your request.
- ✓ **High Specification:** Our FEP (Teflon®) O-rings have a silicon inner core, with an FEP encapsulation & are used due to their exceptional chemical resistance; capable of withstanding constant operating temperatures of up to 204°C / 400°F.
- ✓ **Robust Element Design:** Stainless steel endcaps are fitted to elements where applications involve high temperatures & aggressive gasses.
- ✓ **Traceability:** Products are identified with a unique serial number.

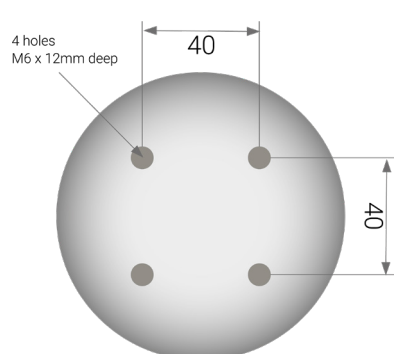
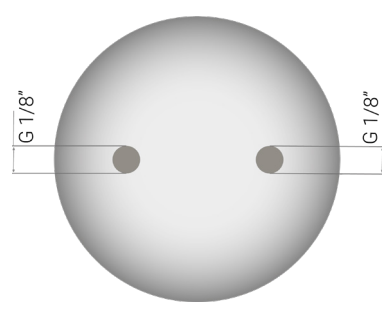


Tiger Housing Model	Flow Rate (Nm ³ /h)	Pipe Size (NPT) †	Drain Size	Dimension (mm)				Weight (Kg)	Standard Element (*)	Stainless Steel Element Aggressive Gases (**)
				A	B	C	D			
HP50A050	340	1/2"	1/4"	88	18	253	100	3.9	HP52-(GRADE)	HPA050(GRADE)-HTNXNH3
HP50A075	500	3/4"	1/4"	110	27	269	150	7.1	HP715-(GRADE)	HPA075(GRADE)-HTNXNH3
HP50A100	1000	1"	1/4"	110	27	421	300	8.7	HP730-(GRADE)	HPA100(GRADE)-HTNXNH3
HP50A150	1700	1 1/2"	1/4"	150	40	517	300	20	HP830-(GRADE)	HPA150(GRADE)-HTNXNH3
HP50A200	2040	2"	1/4"	150	40	517	300	19.2	HP830-(GRADE)	HPA150(GRADE)-HTNXNH3

(*) 30% Glass Filled Nylon Endcaps, Galvanised Steel Cylinders, Polyester Needlefelt Sock, Nitrile O-rings, 2 Part Epoxy Resin For use in non-aggressive standard temperature compressed air applications

(**) 304 Stainless Steel Endcaps, 430 Stainless Steel Cylinders, Nomex Sock, FEP Encapsulated Silicone O-rings, High Temperature Heat Cure Epoxy Resin Stainless Steel version for use in high temperature, Ammonia or other aggressive gas applications

† Pipe Size shown is standard for each model, custom thread sizes can be requested

Mounting Holes (Optional)	Tiger Housing Model	Differential Housing Model (Optional)	Tiger Housing Model
	HP50A050M		HP50A050D
	HP50A075M		HP50A075D
	HP50A100M		HP50A100D
	HP50A150M		HP50A150D
	HP50A200M		HP50A200D