

FILTER HOUSINGS

Filtertechnik's Stainless Steel Filter Cell Housings:

Our Filter Cell Housings are built to protect your powerful filter cells with flow rates of 100 - 1000 L/ min. Available in either stainless or carbon steel our housings can guard any size 2 filter cells including our revolutionary Filtasorb2 water removal media. For next generation filtration you need robust protection.



Product Overview

Filtertechnik filter cell housings are designed for a wide use of industrial filtration applications. They are also suitable for use with the industry standard Filtertechnik Ftech 7" filter cells that are widely used in today's process, water, oil and fuel industries.

The housing will accept the full range of industry standard filter cells ranging from 1 to 1000 micron, along with a new range of High Efficiency cells for more critical applications.

In order to increase throughput, two or more filter housings can be connected in parallel to form duplex arrangements. Due to the low cost nature of the consumables, Filtertechnik filter cell housings are often used as sacrificial filters to offer excellent protection of more expensive filters elsewhere in the system. With operating pressures of up to 10 bar, Filtertechnik filter cell housing offers excellent versatility. They can be used as a primary or main filter.



Oils, fuels, water and process fluids

The LPCPF series filter cell housing is very flexible with adjustable legs and bottom or side outlet connection. This makes it ideal for batch applications, where free draining and frequent process changes take place. Distinguished by its economy, high build quality and wide ranging options list, this housing can be used in almost all areas of the liquids in the processing industry.

Features

- Positive filter cell seating mechanism
- Internally and externally pickle-finish as standard
- Full housing customisation service available
- High performance, durability and filtration efficiency
- Extensive filtration range to suit most applications and budgets
- Superior sealing arrangements
- Particle closure systems
- Naturally coalescing - remove free water from oils and fuels

Benefits

- Minimise risk of seal bypass
- Integral vent to aid efficient filter change-out
- Each housing is etched with a unique serial number for full traceability
- Available from stock for immediate delivery
- Bolted style closures
- Conform and exceed required safety standards - CE marked, European Pressure Equipment Directive, 97/23/EC and ATEX Directive 94/9/EC for use in potentially explosive atmospheres

Specifications

- Rugged at 10 bar liquid, 4.5 bar gas
- Rugged Stainless Steel Construction
- High Flow Rates
- Enormous dirt holding capacity
- Wide selection of micron size inserts available
- Compact footprint with bolt down legs
- Internal O-ring seal for extra filtration efficiency
- Drain port at base of housing



Max Pressure: 10 bar

Design Temperature: Max 100°C

Material: SS303, SS316L

Model	Number of bags	Housing length (mm)	Width (mm)	Inlet / Outlet	Drain Port	Flow rate L/min	Surface area sq.
LPCPF-2-SIZE2-3	2	1379	710	To Spec	To Spec	1333	9
LPCPF-3-SIZE2-3	3	1379	762	To Spec	To Spec	2000	13.5
LPCPF-4-SIZE2-4	4	1379	910	To Spec	To Spec	2666	18
LPCPF-5-SIZE2-6	5	1525	965	To Spec	To Spec	3333	22.5
LPCPF-6-SIZE2-6	6	1525	965	To Spec	To Spec	3966	27
LPCPF-7-SIZE2-6	7	1525	965	To Spec	To Spec	4500	31.5
LPCPF-8-SIZE2-6	8	To Spec	To Spec	To Spec	To Spec	5300	35.5
LPCPF-10-SIZE2-6	10	To Spec	To Spec	To Spec	To Spec	6616	44.4
LPCPF-12-SIZE2-6	12	2100mm	1200mm	200mm	½"	7950	54



Extensively specified into:

- Water treatment
- Mining
- Marine
- Power generation
- Automotive
- Steel production

