

Filters

Our standard range of high-pressure filters can handle inlet pressures of up to 6,000 Psi and range from ¼" ports up to 1-1/2" ports. We can supply in various materials such as Aluminium Alloy, Stainless Steel, Aluminium Bronze and Brass. Filters are fitted with sintered Bronze or Stainless-Steel elements graded as 5µm, 10µm, 25µm and 37.5µm to ensure your system is clean and the life of valves and other instrumentation is prolonged. BiS Wells offer three different types of filter and they can be classified as follows:

- Disc filter – These filters fit directly into an entry port of a valve. Ideal for ultra-compact low flow applications
- Inline filter - Ports located either end of the filter housing. Best suited for compact, high flow applications
- T-branch filter - Ports located either side of filter housing. Ideal for high flow applications and where filters need to be frequently serviced

Our Filters are suitable for both pneumatic and hydraulic applications, and as standard valves are offered with Nitrile or Viton seals however please contact us for medium compatibility as other elastomeric materials can be offered.

All our Filters can be manufactured specially for Oxygen use, please contact us for more information.



F24 'T' filter manufactured from Aluminum Alloy.

Valve	Filter Elements			Ports	Max working pressure Bar (Psi)	Filter Type	Gas or Liquid
Type	5µm	25µm	37.5µm	(standard)			
F1	X	Yes	X	3/8" BSP	415 (6,000)	Disc	Both
F2	X	Yes	X	1/2" BSP	415 (6,000)	Disc	Both
F12	Yes	Yes	Yes	3/8" BSP	415 (6,000)	Inline	Both
F14	Yes	Yes	Yes	3/4" BSP	415 (6,000)	Inline	Both
F16	Yes	Yes	Yes	1 1/2" BSP	310 (4,500)	Inline	Both
F22	Yes	Yes	Yes	3/8" BSP	415 (6,000)	T-branch	Both
F24	Yes	Yes	Yes	3/4" BSP	415 (6,000)	T-branch	Both

