



"FCB" bag filter housings have been developed to work with industry-standard double length filter bags, as well as with the unique "BIB" high surface area filter bag. The range of "FCB" bag filter housings is offered in a large number of alternative configurations

Operating Pressure

The standard unit is suitable for 750 kPa operating pressure and is tested to 1125 kPa
The High Pressure unit is suitable for 1000 kPa operating pressure, and is tested to 1500 kPa

Materials of Construction

The "FCB" range is available in carbon steel, 304 stainless steel and 316 stainless steel
Carbon steel units are supplied untreated internally, and with primer and two coats of enamel painting externally.
Stainless steel units are supplied in glass bead blast, matt industrial finish.
In all cases, the internal bag-retaining basket is in 304 stainless steel

Cover Securing Mechanism

Standard "FCB" housings are supplied with 6 gripnut closures to permit easy no-tools access to the filter bag.
High Pressure "FCB" housings are supplied with 8 gripnut closures.
The gripnuts allow for manual loosening and tightening of the closures quickly and safely, without the need for tools. Gripnuts are individually tightened to ensure quick leak-free closure without the "fiddling" and adjusting needed to obtain a satisfactory seal with a quick-release clamp.
To special order, swingbolt closure can be provided if this is required

Connections

The "FCB" range of bag housings can be ordered with various inlet and outlet connections, most commonly 50mm BSP male threaded or table 1000/3 flanges in sizes 50, 80 or 100mm nominal bore.
To special order, almost any commercially available type of connector can be supplied.



housings are automatically supplied with:

- 1 x vent (1/4" plugged socket)
- 1 x drain (1/2" plugged socket)
- 2 x gauge ports (1/4" plugged sockets)

Filter Bags

"FCB" bag housings can, according to customer specification, either be fitted with:

- A standard bag-retaining basket which will accept a double length filter bag having a wire ring or moulded plastic seal.
- A "BIB" bag-retaining basket to accept the unique "BIB" filter bag which has a 90% greater surface area than a standard double length bag but fits in the same size housing. This huge increase in surface area can be utilized to permit a much higher flow rate than would be possible with an ordinary bag, or greatly increased dirt-holding capacity than a standard bag. (please request separate literature on the "BIB" filter bag)

Alternative Configurations

For higher flow rates than can be obtained with a single bag, the "FCB" range of bag housing can be offered, to special order, with as many as 13 bags in a single housing. These units are purpose-designed and made, and can be configured to virtually any customer requirement.

Ordering Information

FCB-1-B-H-A-50F

FLOW CLEAR BAG FILTER HOUSING
1 = 1 FILTER BAG 2 = STRAINER BASKET
S = D/L STD. BAG B = "BIB" D/L BAG M = S/L STD. BAG
S = 750 kPa RATED H = 1000 kPa RATED
A = CARBON STEEL B = 304 SS C = 316 SS
INLET / OUTLET CONNECTIONS:
S = 50mm BSP MALE THREAD
50F = 50mm 1000/3 FLANGES
80F = 80mm 1000/3 FLANGES
100F = 100mm 1000/3 FLANGES

Your Flow Clear Filtration distributor: