

ECF FILTER HOUSING

Single Bag series

*Light weight, economical
filter housing*



Spring-pressed

ECF is an economical single-bag filter of simple structure and easy maintenance. The basket support and a smooth finishing of the interior of the vessel allows an easy cleaning and bag installation. Side inlet and vent connections allows the cover to open without the need to disconnect piping, making bag change-out quick and convenient. Widely used in water industry due to solid, yet economical construction.

Applications

- Water Treatment
- Food and Beverage
- Metal Working Fluids
- Chemical Processing
- Paints, Inks, Resins and Coatings
- Automotive
- Electronics
- Pharmaceutical
- Petrochemicals

Features and benefits

- Solid, yet economical easy-maintenance single bag filter.
- Smooth interior and basket support for easy cleaning and bag installation.

- Direct flow into the filter bag prevents splashing of fluid.
- Convenient and robust swing eye-bolt closure.
- Electro-polished stainless steel perforated plate basket offers perfect filter bag support.

Filter specifications

No. of Filter Bags

1

Filter Bag Sizes^{1*}

01: Size 01

02: Size 02

Inlet & Outlet

DIN / ANSI / BSP / NPT

Recommended Flow Rates^{1*}

40 m³ / h

Maximum operating temperatures^{2*}

150 °C

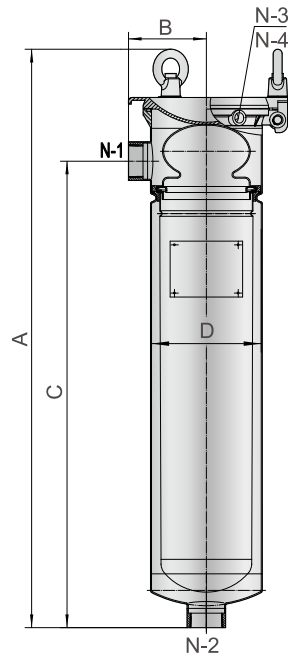
Max. Operating Pressure

6 bar (87 psi)

1 Depending on filter element / fluid viscosity*

2 Applicable temperature is determined based on filter bag and seal material*

■ ECF Filter Range



Retention ratings

Dimensions	Size 02	Size 01
A	1045mm (41")	804mm (32")
B	142mm (6")	142mm (6")
C	850mm (33")	600mm (24")
D	190mm (7")	190mm (7")
Specifications	Size 02	Size 01
Inlet (N1) / Outlet (N2)	BSP2"(NPT2")	BSP2"(NPT2")
Vent Valve (N3)	NPT1/2"(Rc1/2")	NPT1/2"(Rc1/2")
Drain (N4)	NPT1/2"(Rc1/2")	NPT1/2"(Rc1/2")
Vessel Volume	28 L (7 gal)	17 L (4 gal)
Net Weight	33 kg (82 lb)	24 kg (53 lb)

Order information see page 15



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