

ECT FILTER HOUSING

Single Bag series

**Suitable structure for
viscous streams**

Bypass-free seal ring closure



ECT single-bag filter housings with top inlet and bottom outlet are the best choice for cost-effective industrial and commercial applications. Cast construction creates a compact, yet heavy-duty design. A hinged cover with swing-bolt closure is designed to withstand high pressures. The cover directly compresses the filter bag seal-ring, eliminating the possibility of bypass.

Applications

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

Features and benefits

- Improved efficiency and longer lifetime of filter bags as fluid enters the center of the bag directly, minimizing turbulences.
- Easy to install adjustable mounting legs.

- Cast construction results in a compact, yet heavy-duty design.
- Cover directly compresses the filter bag seal-ring, eliminating the possibility of bypass.
- Hinged cover opens and closes quickly and easily, adapting to different opening directions.
- Easy bag change-out.

Filter specifications

No. of Filter Bags

1

Filter Bag Sizes^{1*}

01: Size 01

02: Size 02

Inlet & Outlet

DIN / ANSI / BSP / NPT

Max. Flow Rates^{2*}

40 m³ / h

Maximum operating temperatures^{3*}

150 °C

Max. Operating Pressure

10 bar (145 psi)

^{1*} Size 01 only for No. 3 / 4 bag filter

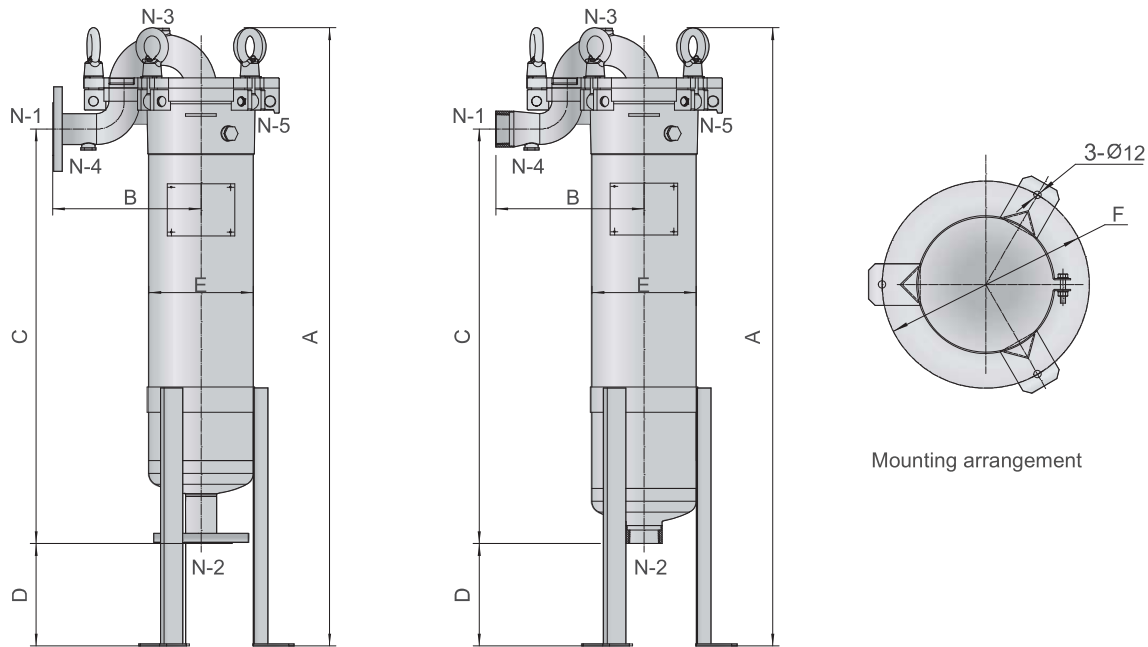
^{2*} Depending on filter element / fluid , each bag max flow rate is 40 m³ / h

^{3*} Applicable temperature is determined based on filter bag and seal material

Brisbane, Australia

www.monarchindustrial.com.au

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Retention ratings

Dimensionsmm (inch)	Size 02 mm (inch)	Size 01 mm (inch)
A	Flange: 1196 (47) Thread: 1135 (45)	Flange: 842 (33) Thread: 782 (31)
B	281 (11)	281 (11)
C	Flange: 811 (32) Thread: 751 (30)	Flange: 450 (18) Thread: 402 (16)
D	200 (8)	200 (8)
E	200 (8)	200 (8)
F	321 (13)	321 (13)
Specifications	Size 02	Size 01
Inlet (N1) / Outlet (N2)	Flange: DN50 PN16 (2" 150#) / Thread: BSP2" (NPT2")	Flange: DN50 PN16 (2" 150#) / Thread: 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 (73 lb)	29 kg (64 lb)

Inlet (N1) / outlet (N2) npt available or request