

DL SERIES BAG FILTER HOUSING



The DL Series Stainless Steel Bag Filter Housings are a suitable choice for many commercial and industrial applications with cost sensitive budgets.

Heavy duty construction and design assure protection for all downstream equipment. Single Liquid Bag Housings effectively reduce dirt, pipe scale, and other contaminants from process liquids. Unfiltered liquid enters the housing from the top side port and continues through the filter bag and exits out the lower side port. Solids are trapped inside the filter bag and are easily removed when the housing is serviced.

Supplied with 2 x 1/4" BSP ports for pressure gauges help to indicate the pressure different between the inlet and outlet. One gauge is fitted in the tap cap for inlet pressure and the outlet pressure after the filter in at the side bottom. 1/2" bsp bottom drain port to help with servicing and cleaning.

Filter Bag Sizes

- 01: Ø178mm x 420mm (Ø7" x 17")
- 02: Ø178mm x 810mm (Ø7" x 32")

Inlet & Outlet

2" BSP Female

Max Flow Rates

- 01: 20,000 lt per hour (water)
- 02: 40,000 lt per hour (water)

Ports

- 1 x 1/4" BSP Gauge Port - Lid
- 1 x 1/4" BSP Gauge Port - Body
- 1 x 1/2" BSP Drain Port

Seal Material

EPDM

Temperature

- 4.4 °C – 140 °C
- Temperature may be limited by filter bag material

Pressure

1,034 kPa (150 psi)

Material

- 304 Stainless Steel or
- 316L Stainless Steel

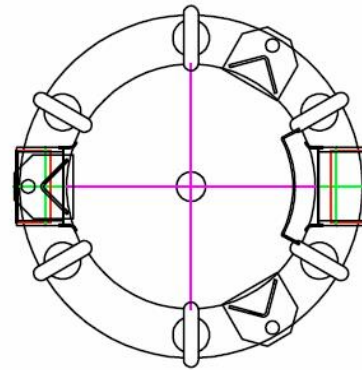
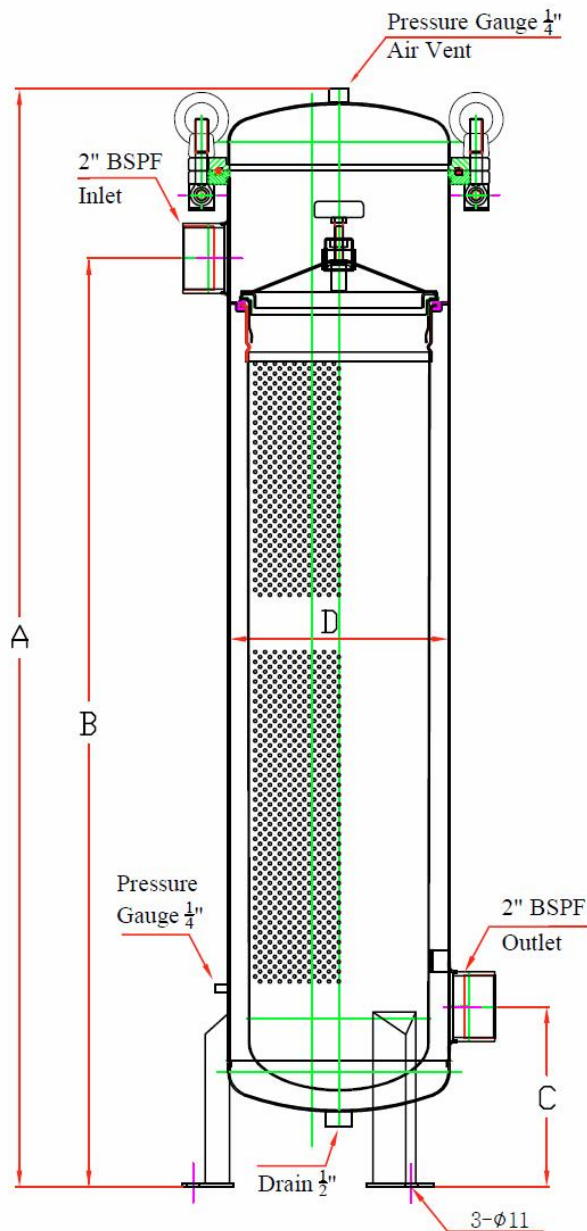
Inclusions

- 2 x Pressure Gauges
- Support Legs
- Support basket & bag hold down

Finish

Polished exterior finish

MONARCH - DL SERIES BAG FILTER HOUSING: Size 01 and 02



Model	DL304SS20BF	DL304SS40BF	DL316LSS20BF	DL316LSS40BF
Flow Rate	20 m ³ /hour @ 1 c.p.	40 m ³ /hour @ 1 c.p.	20 m ³ /hour @ 1 c.p.	40 m ³ /hour @ 1 c.p.
Material	304	304	316L	316L
Inlet - Outlet	2" BSP(F)	2" BSP(F)	2" BSP(F)	2" BSP(F)
Max. Pressure	1,034 kPa (150 psi)	1,034 kPa (150 psi)	1,034 kPa (150 psi)	1,034 kPa (150 psi)
Max. Vessel Temp	140 °C	140 °C	140 °C	140 °C
Flow rate is based on water through a standard Felt or Nylon Monofilament Filter Bag				
Dimensions	DL304SS20BF	DL304SS40BF	DL316LSS20BF	DL316LSS40BF
A	660mm	1005mm	660mm	1005mm
B	512mm	850mm	512mm	850mm
C	180mm	165mm	180mm	165mm
D	200mm	200mm	200mm	200mm