



Bag filter

UF1-30 / UF1-65

1. Introduction

For a wide number of filtration applications bag filters are a simple, easy to use and economical choice. Filtration Group BV supplies a wide range of filter bags and bag filter housings.

The UF 1 filter is a small bag filter housing available for size 30 and size 65 filter bags made from carbon steel or stainless steel. Filtration Group BV bag filters are excellent for use in the filtration of liquids containing higher concentrations of coarse solids.

They are particularly beneficial when handling batches of (various) liquids. They are also especially suitable for end filtration or polishing of liquids with extremely low concentrations of solids.





2. Features and specifications 3. Dimensions

- Easy to use, good interior sealing and accessibility.
- Increased surface area (0.08 m² for size 30, 0.18 m² for size 65)
- compared to size 3 and 4.
- Strong stainless metal heavy duty support basket.
- Cover closure with V-band quick release clamp and swing bolts for 300 psi design pressure.
- O-ring sealing: standard Buna N. Other materials on request.
- Positive cover seal.
- Cover opens without disconnecting piping.

Specifications

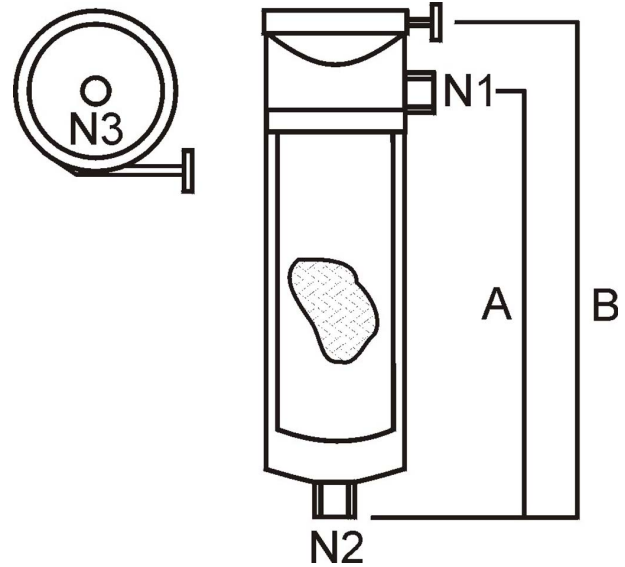
Design pressure : 7, 14 or 21 bar (see ordering code)
 Design temperature : 0 / 90 °C
 Operating temperature: depending on the filter media and gaskets used
 PED 2014/68/EU cat. : article 4 paragraph 3

Connections

N1 Inlet
 N2 Outlet
 N3 Drain ¼" NPT

Filter bags

Filtration Group BV supplies a wide range of filter bags in different materials, pore sizes, dimensions and models to fit in our housings as well as those of other manufacturers. For detailed information about amaFlow filter bags, please see respective Data Sheets



Size	A [mm]	B [mm]	Diameter [mm]
30	342	425	114
65	628	740	114

Dimensions are for referency only. Use dimensional drawing for installation purposes.

Subject to technical alteration without prior notice.

4. Order information

Example

UF1 30 1 B4N 100

Size
 30 = for bag size 30
 65 = for bag size 65

Connection
 1 = 1"NPT (for size 30)
 1.5 = 1.5"NPT (for size 65)

Material
 A4N = carbon steel
 B4N = stainless steel 304
 C4N = stainless steel 316

Design pressure
 100 = 100 psi (7 bar)
 200 = 200 psi (14 bar)
 300 = 300 psi (21 bar)