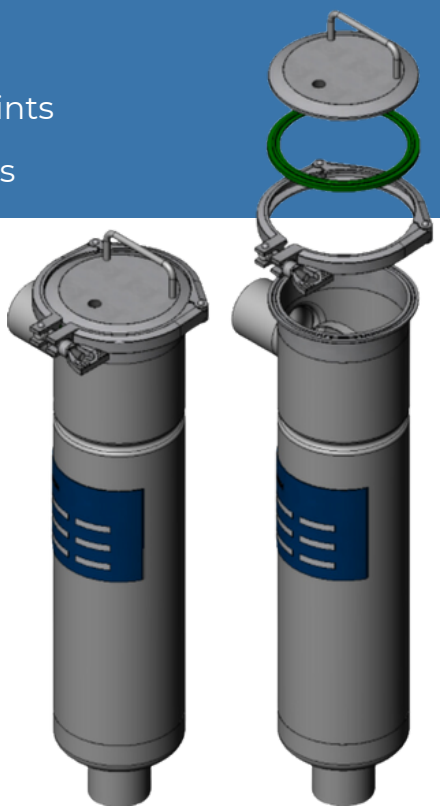
ALSI MINI Bag Housing

sigafiltration OptimalSeparation

Mini Bag filter housings for Size 3 & Size 4 Filter Bags (4” diameter)

www.sigafiltration.co.uk

Chemicals
Water/Wastewater
Paints
Oils



Compact Stainless Steel bag housings for 4" diameter filter bags. Available in 10 bar (Standard) or 20 bar with a bolted closure.

acuraLine ALSI Series Bag Filter Housings are compact units designed for prefiltration or for non-critical applications. Manufactured from 304 (optional 316) Stainless Steel, ALSI bag filter housings feature a quick release triclamp closure (optional bolted closure) and come complete with a bag locking plate and perforated Stainless Steel basket. . Complete differential pressure monitoring and a range of customisations are possible with this unit.

Material
304 or 316 SS

Temperature
-10/+90°C

Pressure
10 or 20 bar**

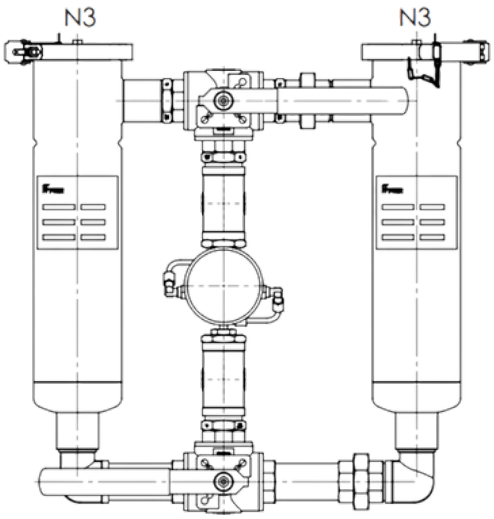
Flow rate
Up to 12 m3/hr*

** With bolted closure

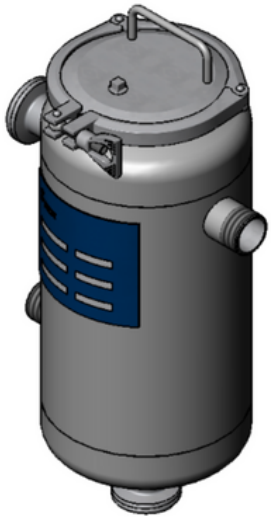
- Application dependent

Optional Configurations

With bolted closure, rated 20 bar



Duplex arrangement (Duty/Standby)



With steam or hot water jacket

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Ordering Information

ALSI □ - □ / □ - □ □

Bag Size	Pressure	Connections	Material	Seal
3 = Size 3 (4" x 8.8") **4** = Size 4 (4" x 15")	**10** = 10 bar **20** = 20 bar (with bolted closure)	**G40** = 1 1/2" BSP threads	**C2** = 304SS **C4** = 316SS	**F** = Viton **N** = NBR **E** = EPDM **FEP** = FEP encaps. Viton

Filter Media Selection

CLARIBag Fillter Bags

Industrial grade
Felt or mesh filter bags
1 - 1000 micron

BREWBag Fillter Bags

Food Grade
Felt or mesh filter bags
1 - 1000 micron

ALSI Mesh Basket

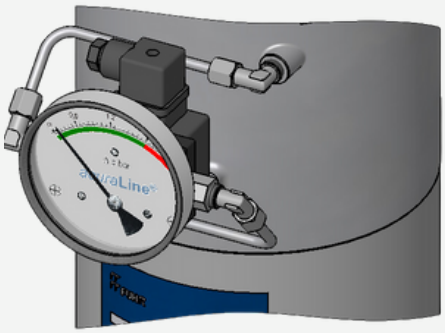
316 Stainless steel mesh baskets
Removable & cleanable
1 - 2000 micron

Differential Pressure Measurement

acuraControl Unit

Real time DP monitoring
Data logging
plc integration

*acura*Control v2	
Supply voltage	100V-240V AC 50/60Hz (max. 10W)
Analog inputs	2x pressure sensors 1x temperature sensor
Digital input / output	100 MBit Ethernet interface and USB
Display	TFT graphic display
IP protection class	IP65
Ambient temperature	-10/+40°C



DP gauge

Fully assembled differential pressure gauge with optional single or double contact reed switch

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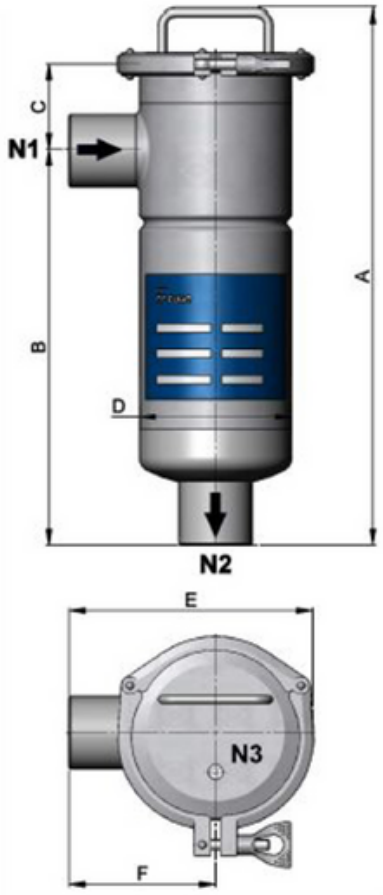
Typical Dimensions

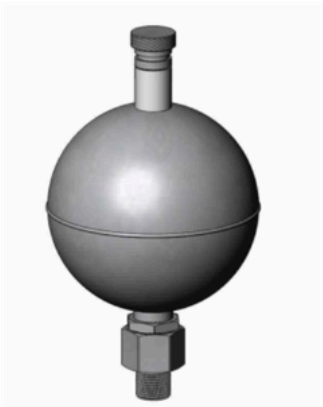


	ALSI3	ALSI4
A	406 mm	561 mm
B	299	454
C	64.5	64.5
OD	114.3	114.3
E	180	180
F	110	1 10
Inlet/outlet (N1/N2)	1 1/2" BSPF	1 1/2" BSPF
Vent (N3)	1/4" BSPF	1/4" BSPF

12. Optionales Zubehör / 12. Optional accessories

1

2



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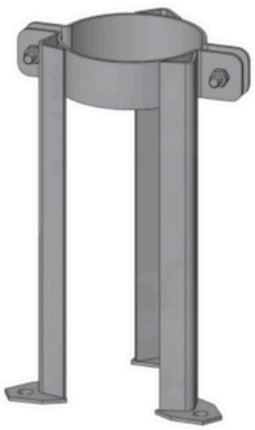

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Pos.	Stk./Pcs.	Benennung / *Denomination*	Werkstoff / *Material*	Art.-Nr. / *Art.-no.*
1.1	1	Manom.-Entlüft.einh. / *Manometer-vent. unit 0-6 bar*	Edelstahl / *Stainless steel AISI 316*	5189369136
1.2	1	Manom.-Entlüft.einh. / *Manometer-vent. unit 0-10 bar*	Edelstahl / *Stainless steel AISI 316*	5189369137
2	1	Automatischer Entlüfter / *Automatic air vent*	Edelstahl / *Stainless steel AISI 316*	5199206518
3	1	Höhenverstellbares Fußgestell / *Adjustable legs*	Edelstahl / *Stainless steel AISI 316*	5189000308
4	1	Wandhalterung / *Wall bracket*	Edelstahl / *Stainless steel AISI 304*	9803800009