

# 89 SERIES

## 7" Bag Filter Housing



The **89 Series** bag housings are designed for use with the industry standard **DuoLine G Series 7"** ring style bags widely used in today's process industries. The top opening style is equipped with a hinged cover and carbon steel screw clamps for pressures up to 16 bar g as standard. The housing will accept the full range of Amazon and industry standard bags ranging from 1 to 1000µm with nominal lengths of 16" (P1) and 32" (P2).



The **89 Series** is free standing with side inlet and bottom outlet connections. These standard diameter filter housings offer great flexibility in terms of high flow and high dirt capacity whilst requiring only a limited footprint.

The housings are leg mounted and equipped with the more conventional dished end, therefore suit processes where there is a need to allow complete draining of the clean chamber. This design assists in maintaining the general cleanliness of the process system.

Distinguished by its economy, high build quality and wide ranging options list, this housing can be used in almost all areas of the liquids processing industry.

### Product Features

- Positive bag seating mechanism to minimise risk of seal bypass
- Robust bag support basket assembly fabricated from perforated sheet rather than wire mesh for extra strength
- Internally and externally electropolished as standard
- Wide range of options available for connection sizes and types and materials of construction
- Rated up to 16 bar g liquid, 16 bar g gas
- Dished bottom end to aid clean down
- Each housing hydrostatically pressure tested

Accessories	Part Number
Pressure Gauge and Auto Vent Valve Kit 	60SAV025006
Ball Valve and Nipple 	60S000010



## Features and Benefits

- Integral vent to aid efficient filter changeout
- Each housing is etched with a unique serial number for full traceability
- Full housing customisation service available
- Internally and externally electropolished as standard

## Product Range

Amazon Filters design and manufacture an extensive range of liquid filtration systems, providing one of the widest selections of filtration vessels, depth filters and pleated cartridges available today, ensuring excellent process and filter compatibility. As one of Europe's leading manufacturers of filtration systems, Amazon Filters is able to offer a solution to meet all filtration requirements. Amazons' filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation.



**AMAZON**

# 89 Series Technical Data

## Maximum Operating Conditions

Pressure Range: Screw clamp  
Liquid: FV / 16 bar g  
Gas: FV / 16 bar g

Temperature Range: -10°C / 150°C

## Materials of Construction

Body: 316L St.Steel  
Closure: Screw clamps

## Finish

Vessel: Electropolished  
Basket: Pickled

## Connections

Inlet / Outlet: 2" BSPM  
Vent: 1/4" BSPF  
Drain: 1/2" BSPM

Model	Dimensions					Volume (Litres)	Dry Weight (kg)
	A	B	C	D	E		
89011UHC20A1EE	96	540	-	155	400	24	37
89012UHC20A1EE	96	901	-	155	750	36	46

**PED\*/PESR\*\* Status:** Compliant with PED 2014/68/EU and PESR 2016 No. 1105

Fluid Groups: Liquids Group 1  
Gas Group 1

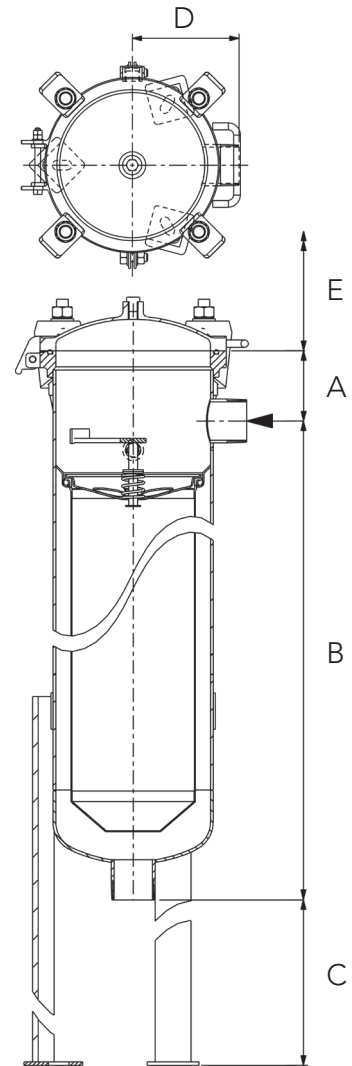
Marking: CE

**ATEX:** Compliant with 2014/34/EU and  
Explosive Atmosphere Regulations 2016  
II 2G Ex h IIC T150 Gb  
II 2D Ex h IIC T150 Db

\* Pressure Equipment Directive

\*\* Pressure Equipment (Safety) Regulations No. 1105

Technical drawings for each individual housing showing dimensions, volume, weights, maximum temperatures and design pressures



## Ordering Guide

8901	1	U	H	C	20	A	1	E	E
No of Bags	Bag Length	Bag Collar Style / Size	Closure Style	Mounting	Connection	Connection Type	Materials	Finish	Seal
8901 - 1 Bag	1 - Single 2 - Double	U - Universal 7" N - No Basket H - Ferrostik (magnetic insert)	H - Hinged lid with Screw Clamps	B - Fixed Legs C - Adjustable Legs	20 - 2" 30 - 3"	A - BSPM D - BS4504 Flange PN25 J - ANSI Flange 300# K - Stub Pipe S - DIN2633 Flange	1 - 316 St. Steel (L Grade)	E - Electropolished	E - EPDM F - FEP / Silicone (Hinged cover only) S - Silicone V - Viton

Example: 89011UHC20A1EE = 89 Series, Single length bag, Universal 7" bag collar, hinged lid with screw clamp closure, adjustable legs, 2" BSPM connections. 316L St.Steel with an electropolished finish and EPDM seals.

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