

87 SERIES

AMAZON

MULTI POT BAG FILTER HOUSING



The **87 SERIES** multi bag housings are designed for use with the Amazon **DuoLINE** A Series 5½" ring style bags. The top opening style is equipped with a Cast Vee clamp as standard (8703 model only) with the option of Rathmann style bolted closures for pressures up to 10 bar g.

With a bottom outlet connection, the **87 SERIES** is ideal for batch applications, where free draining and frequent process changes take place.

Widely used in the chemical processing and water treatment world, the **87 SERIES** housing offers exceptional surface area with maximum economy. The slim line A Series **DuoLINE** bags maximise the available area for increased dirt capacity and flow when compared to the more conventional 7" diameter bags. With high build quality and a wide ranging options list, this housing can be used in almost all areas of the liquids processing industry.

The housing will accept the full range of Amazon bags ranging from 1 to 1000µm with nominal lengths of 32" and 48".

Product Features

- Closure options include Vee clamp (8703 only) or bolted style
- Bottom dished end to aid cleardown.
- Each housing hydrostatically pressure tested
- Internally and externally electropolished as standard
- Robust bag support basket assembly fabricated from perforated sheet rather than wire mesh for extra strength
- Positive bag seating mechanism to minimise risk of seal bypass
- Wide range of options available for connection sizes and types and materials of construction
- PED and ATEX Compliant



Accessories

Pressure Gauge and Vent Valve Kit



Pressure Gauge and Auto Vent Valve Kit



Displacement Pod



87 SERIES 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

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TECHNICAL DATA

Operating Conditions

Pressure Range: Liquid: Vee clamp: 7 bar g
Screw clamps: FV / 10 bar g
Gases: Screw clamps: FV / 1 bar g (8703 only)

Temperature Range: 8703: -10°C / 150°C
8705: -10°C / 110°C

Materials of Construction

Body: **8703** 316L St. Steel **8705** 316L St. Steel, 304 St. Steel

Closure: Cast Clamp - 304 St. Steel*¹
Screw clamps - Zinc plated carbon steel
(Optional stainless steel)

Finish

Vessel: **8703** Electropolished **8705** Bead Blasted
Pickled

Basket:

Connections

Inlet/Outlet: **8703** 4" Flange **8705** 6" Flange

Model	Dimensions					Volume (Litres)	Dry Weight
	A	B	C	D	E		
87032AAB40C1EE	1478	1183	150	-	600	113	76.2
87033AAB40C1EE	1798	1503	150	-	900	144	87.6
87052AJB60C1BE	1553	1371	200	320	750	191	232
87053AJB60C1BE	1873	1691	200	320	1050	242	246

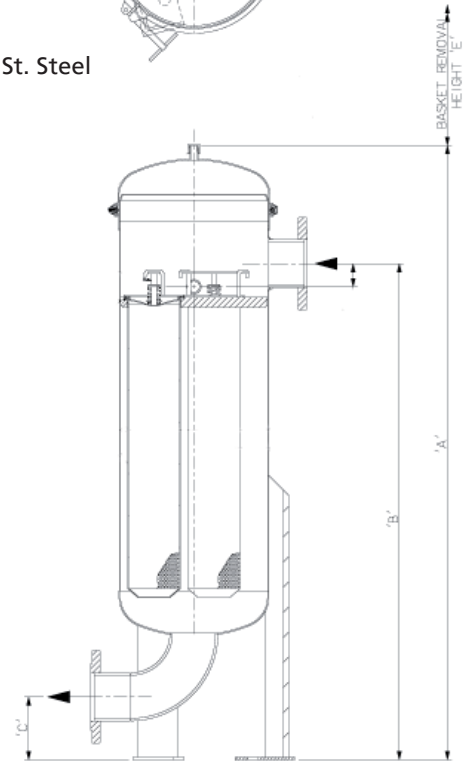
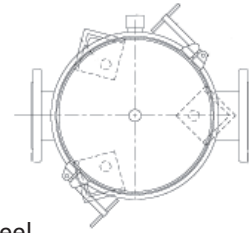
PED Status: Compliant 97/23/EC
Liquids Group 1 + 2

Marking: CE

Exceptions: Group 1 liquids - Explosive

ATEX: Compliant 94/9/EC, level CE Ex II 2 GD c X

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



AMAZON FILTERS LTD.

ALBANY PARK ESTATE, FRIMLEY ROAD,
CAMBERLEY, SURREY, GU16 7PG
ENGLAND

Tel: +44 (0) 1276 670 600

Fax: +44 (0) 1276 670 101

Email: sales@amazonfilters.co.uk

Web: www.amazonfilters.co.uk



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