

# 87 SERIES



## 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.

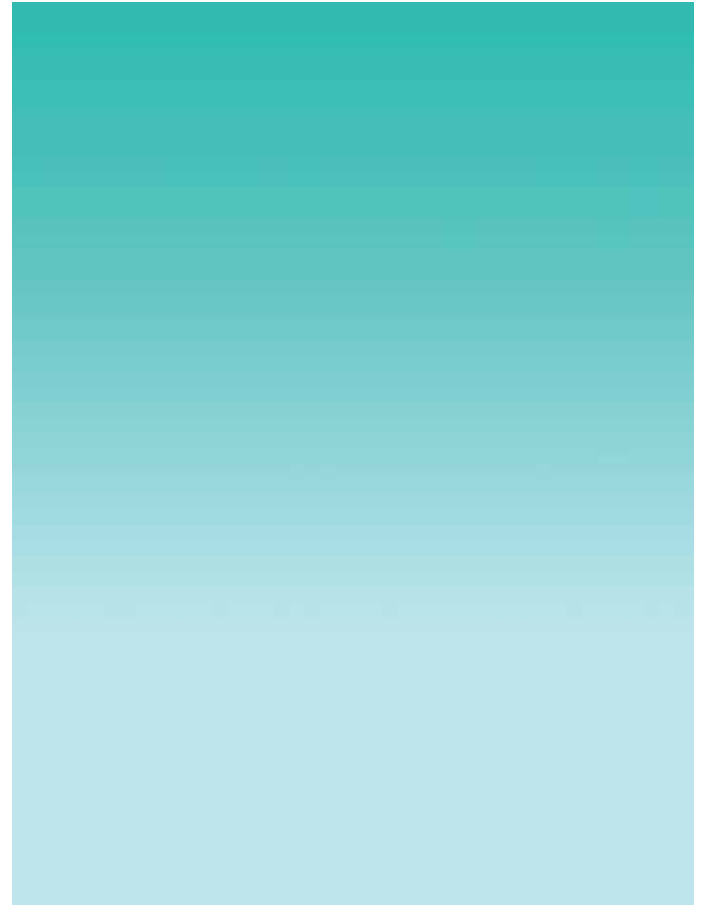
With a bottom outlet connection, the **87 SERIES** is ideal for batch applications, where free draining and frequent process changes take place.

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 Compliance - CE Marked



## 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

Maximum Pressure: **8703** Liquid: 6 Bar g (Vee clamp) Liquid: 10 Bar g (Screw clamp)  
**8705** Liquid: 10 Bar g  
 Maximum Temperature: 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  
 Basket: Pickled Pickled

### 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

Model	Dimensions					Volume (Litres)	Dry Weight
	A	B	C	D	E		
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  
 CE

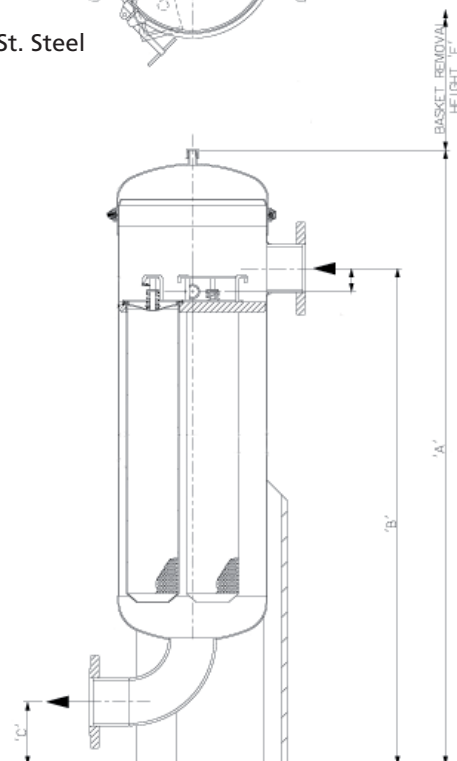
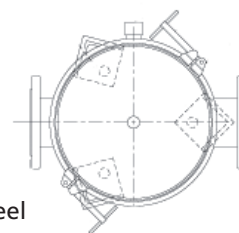
### Marking:

### Exceptions:

Group 1 liquids - Explosive

### ATEX:

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



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