

# MAB-DD

## Single cartridge housing for dangerous fluids

MAB-DD housings are designed for the filtration of dangerous fluids that require the use of Stainless Steel materials with high chemical compatibility.

The MAB-DD series is equipped with a system for opening and closing designed in 304 stainless steel clamp with bolts/lock washers and hex brass nuts to avoid seizing.

Housings are available in three lengths and can install a wide range of 5"-10" and 20" filter elements type SOE code 7 or DOE, for liquids, gases and vapours filtration.



### Main features

- In line connections.
- Fit for wall fixing (N° 4 M6x6 threaded holes ).
- Suitable for dangerous fluids of group no. 1 in accordance with CE 1272/2008.
- Conformity to accordance with PED (Pressure Equipment Directive) and with ATEX for equipment used in potentially explosive areas.

### Construction materials

Housing:	316 Stainless Steel
Clamp closure:	304 Stainless Steel
Gaskets:	Viton ( standard )

### Surface finishing

Type L	Head: blasted & electropolished Bowl-welded : external polished / internal finely brushed & pickled
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### Design and construction

In accordance to the European Directive PED 2014/68/UE and ATEX 2014/34/UE

### Documentation

UE declaration of conformity PED / ATEX and user guide.

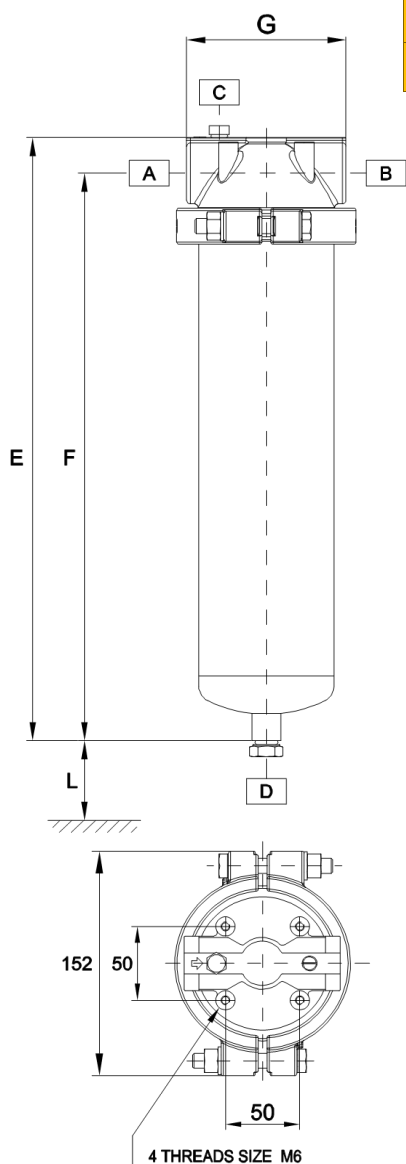
Model	Connections In-Out A—B	Cartridges	Weight	Volume	Vent C	Drain D	Nominal dimension (mm)			
	ISO 228	Size	Kg	L	ISO 228	ISO 228	G	E	F	L
MAB-DD-P05-B7-20-L-V	3/4"	SOE 20705	3	1,4	1/8"	1/4"	105	279	256	180
MAB-DD-P10-00-20-L-V		DOE 2001	3,5	1,9				422	399	330
MAB-DD-P20-00-20-L-V		DOE 2002	5	3,8				718	695	580
MAB-DD-P10-00-25-L-V	1"	DOE 2001	3,4	1,9				422	499	330
MAB-DD-P20-00-25-L-V		DOE 2002	5	3,8				718	695	580
MAB-DD-P10-B7-25-L-V		SOE 2071	3,6	2				422	499	330
MAB-DD-P20-B7-25-L-V		SOE 2072	5	3,8				718	695	580

### Code information

MAB-DD — P10 — B7 — 25 — L — FS

Series	Cartridge Length	Cartridge Size	IN-OUT Connections	Surface Finising	O-ring material
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P05	5" SOE	00 DOE	20 3/4" gas	L Standard	V Viton
P10	10"	B7 SOE code 7	25 1" gas		FS FEP + Silicone
P20	20"				



### Operating limits

Series	Fluid state	
	Gas max Temp. 150°C (302°F)	Liquid max Temp. 90°C (194°F)
MAB-DD-P10	0-16 barg	0-16 barg
MAB-DD-P20	0-12 barg	

### In accordance with PED and ATEX Directives

Fluid group	PED 2014/68/UE	ATEX 2014/34/UE
1 (dangerous)	Cat.I	II 2G Ex h IIC T160°C Gb II 2D Ex h IIIC T160°C Db

### Accessories

Model	Description
KC-V-B-M8-XX-GF-PN40	Ball drain valve S.S. 304 1/4" MF gas

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The data are informative and subject to change without notice. User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.