

# SINGLE-BAG FILTER VESSEL

## RAFALE SERIES



### FILTER TO BE FITTED WITH

- ▶ One bag - Size 30 or 40

### GEOMETRY OF THE BAG

- ▶ Standard U bag
- ▶ W bag: 45% more surface area to filter higher flow rates or extend the lifespan of the bag
- ▶ Wide selection of felt, monofilament or HP felt bags with O-ring (sheet FTQ/1PO/01E/A, pages 22-26)

### DESCRIPTION

- ▶ Quick closure by V-clamp
- ▶ High-capacity filter
- ▶ **Material:** 316L stainless steel (wetted parts)
- ▶ **Seal:** Nitrile (Viton or EPDM available as spares. See "Spare seals kit")
- ▶ **Connections:** pressed loose flanges
- ▶ **Finish:** polished
- ▶ **Operating conditions:**

Pressure: 6 bar max. at 60°C

ATEX marking: on request

### OPTIONS

- ▶ Can receive an anti-return device, a magnetic system or a volume reducer (sheet FTQ/1PO/04E/A, page 29)
- ▶ W bag support to receive bags with W geometry

**APPLICATION : Liquids, group 1 and 2 as per PED2014/68/EU**

### RECOMMENDED MAXIMUM FLOW RATE IN M<sup>3</sup>/H

Coding	Bag size	Flow rate
VRAFALE1S6	<b>30</b> Ø260mm L 860mm	50
VRAFALE2S6	<b>40</b> Ø260mm L 1070mm	70

Recommended flow rate for pressure drop of 0.150 bar

Viscosity equivalent to that of water

- Felt bag, 1 to 100 µm
- Monofilament bag, 5 to 1,000 µm

### CODING SYSTEM

<b>VRAFALE</b> Bag filter	<b>1</b> Bag size	<b>S6</b> Material
	1: size 30 2: size 40	S6: 316L Stainless steel

**AS A MANUFACTURER**, we can adapt the filters to your particular conditions. Our Design Office can design filters adapted to your usages.



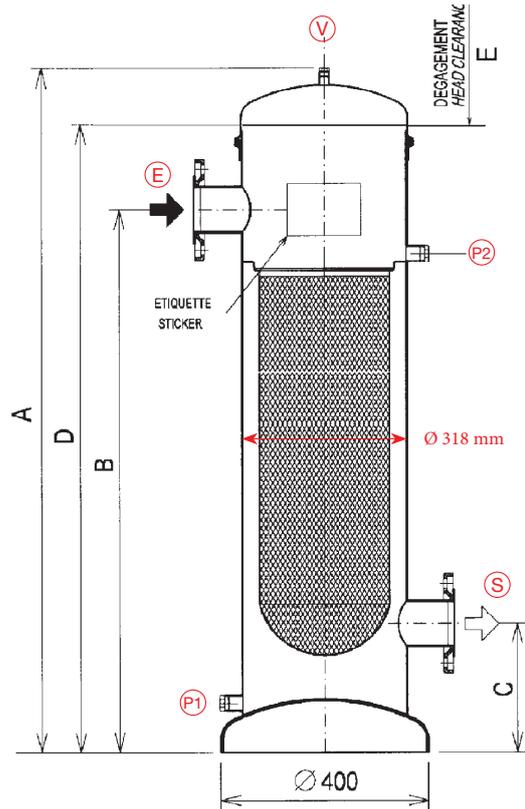
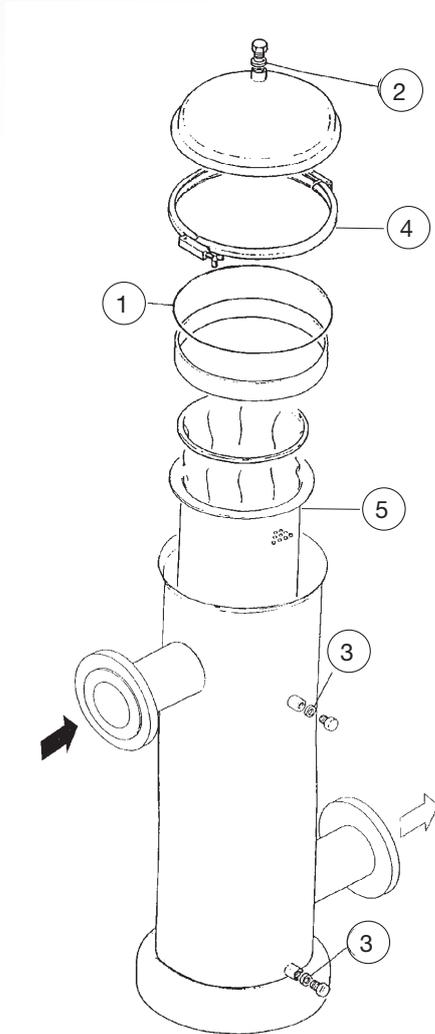
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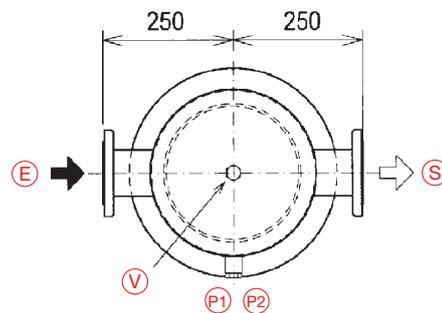
## DIMENSIONS AND CONNECTIONS

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Weight (kg)	Vol. (L)	Inlet/Outlet (E) (S)	Vent (V)	Drain (P1) (P2)
RAFALE I	1320	1050	250	1200	800	41	90	DN80 PN10*	Ø3/8" BSP female	Ø3/4" BSP female
RAFALE II	1580	1300		1460	1100	46	110	DN100 PN10*		

\*Pressed loose flanges



### ORIENTATION



SPARE SEALS KIT containing: 2 cover seals ① + 1 vent seal ② + 2 drain seals ③	
Material	Article code
Nitrile	3KINRAFALEREC
Viton	3KIVRAFALEREC
EPDM *	3KIERAFALEWREC

SPARE PARTS	
Item	Article code
④ V-clamp	2CS30CDFS4
⑤ U bag support for RAFALE 1	3SPTPRFALE1S6
⑤ U bag support for RAFALE 2	3SPTPRFALE2S6

\* EPDM seals: compliant with the requirements of the FDA, ACS and 1935/2004 EU