

SINGLE-BAG FILTER VESSEL

PO18-31 SERIES



FILTER TO BE FITTED WITH

- ▶ One bag - Size 10 or 20

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 or molded "AMP" ring (sheet FTQ/1PO/01E/A, pages 22-26)

DESCRIPTION

- ▶ Quick-open cover with swing bolts
- ▶ Fully drainable through bottom outlet
- ▶ Adjustable feet
- ▶ **Material:** 316L stainless steel (wetted parts)
- ▶ **Seal:** Nitrile (Viton, FEP/Viton or EPDM available as spares. See "Spare seals kit")
- ▶ **Connections:** BSP thread
- ▶ **Finish:** polished
- ▶ **Operating conditions:**

Pressure: 10 bar max. at 100°C

ATEX marking: on request

OPTIONS

Can receive a non-return device or a magnetic system or a volume reducer (sheet FTQ/1PO/04E/A, page 29) or a basket on request

APPLICATION : Liquids, group 1 and 2 as per PED 2014/68/EU

RECOMMENDED MAXIMUM FLOW RATE IN M³/H

Coding	Bag size	Flow rate
VPOPO18E	10 Ø180mm L 450mm	20
VPOPO31E	20 Ø180mm L 820mm	30
VPOPO31EW3G	20W Ø180mm L 820mm	45

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

VPO Bag filter	PO31E Model	W3G Bag support
	PO18E PO31E	— : U bag W3G: W bag

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

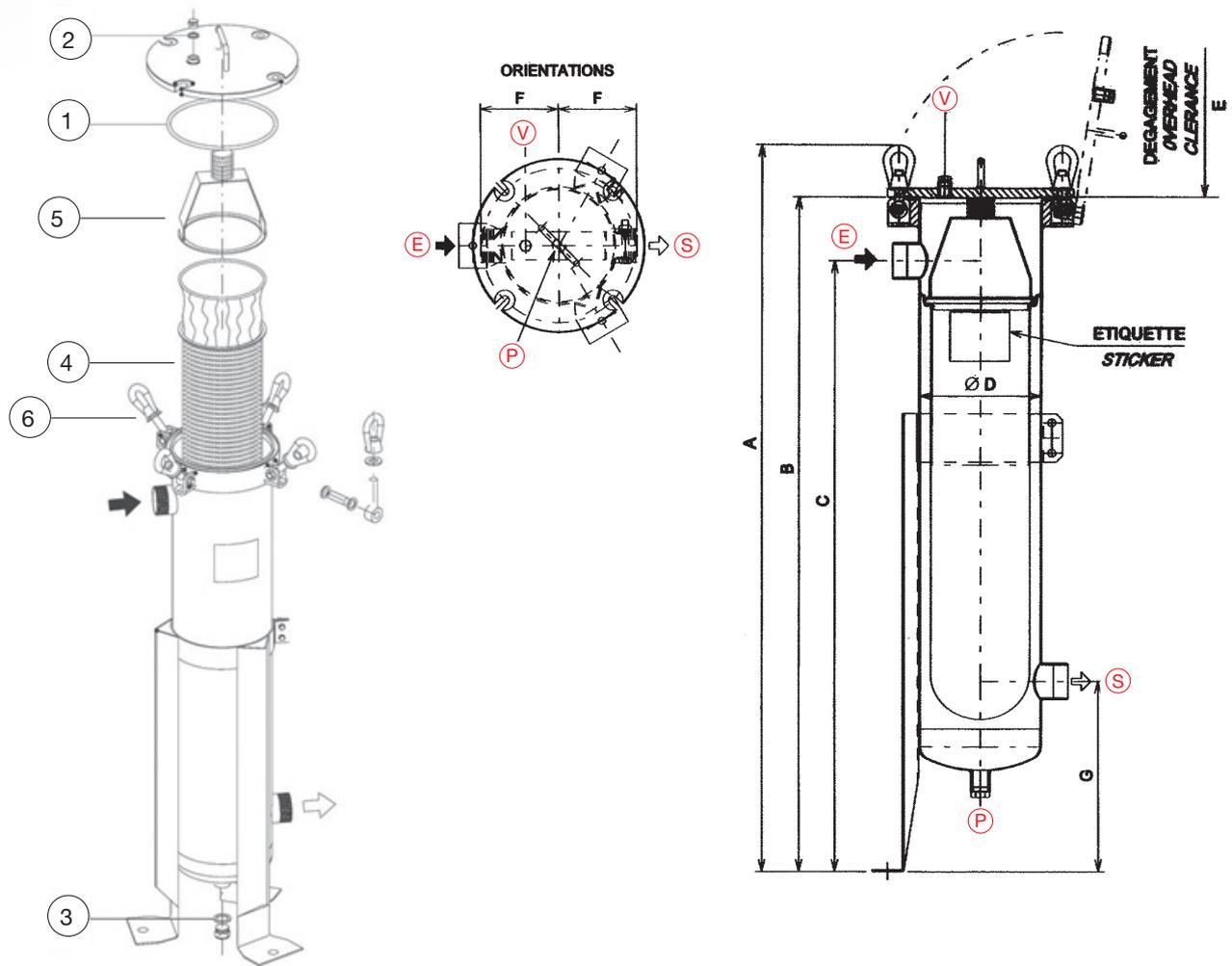


SINGLE-BAG FILTER VESSEL

PO18-31 SERIES

DIMENSIONS AND CONNECTIONS

Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)	Vol. (L)	Inlet/Outlet (E S)	Vent (V)	Drain (P)
PO18	980	895	790	204	500	140	383	25	24	Ø2" BSP male	Ø3/8" BSP female	Ø3/4" BSP female
PO31	1200	1115	1010		800		273	31	35			
PO31W	1220	1135			150				Ø3" BSP male			



SPARE SEALS KIT containing: 2 cover seals ① + 1 vent seal ② + 1 drain seal ③	
Material	Article code
Nitrile	3KINPO18-31SREC
Viton	3KIVPO18-31SREC
FEP/Viton	3KITPO18-31SREC
EPDM *	3KIEPO18-31SWREC

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

SPARE PARTS	
Item	Article code
④ U bag support for PO18	3SPPO18S6E
U bag support for PO31	3SPPO31S6ED
W bag support for PO31	3SPTPO31S6WSTD
⑤ Hold down ring	3DAPO18S6181
⑥ Swing bolt	3BB14L65C