

PVPP Polypropylene Pressure Vessels



- 100% Polypropylene Construction
- Easily convertible from bag filter to cartridge filter
- Twist off lid design for quick and easy change-out
- Side inlet/outlet eliminates sump to reduce waste
- Hermetic sealing of filters result in no fluid bypass
- FDA compliant

Different industrial applications can have different requirements in terms of equipment and filter media. The PVPP filter housing is highly adaptable to precisely fit your particular needs. This strong, light weight and economical filter vessel is resistant to a wide range of chemicals, and converts easily from filter bag usage to cartridge filters. It allows the user to choose the filter media and constructions to precisely fit their particular needs. The PVPP is manufactured from Polypropylene with a UV inhibitor for all-weather durability. Tool less opening and closing of threaded lid with perfect seal.

PVPP Convertible Filter housings

Pressure Vessel	Design Type	Entry	Bag Size	Material	Flange Type
PV-PP	B = BAG	S = Side	2	PP =	A = ANSI
	C = CAR-TRIDGE		5	Poly-propylene	B = BSP
CE Certified, Design operating temperature 43° C Operating pressure 100 PSI / 6.9 bar at 43° C					



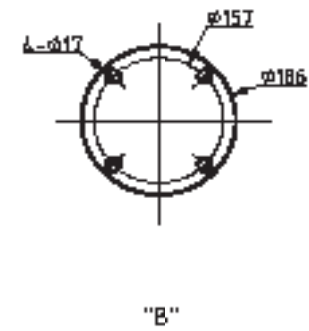
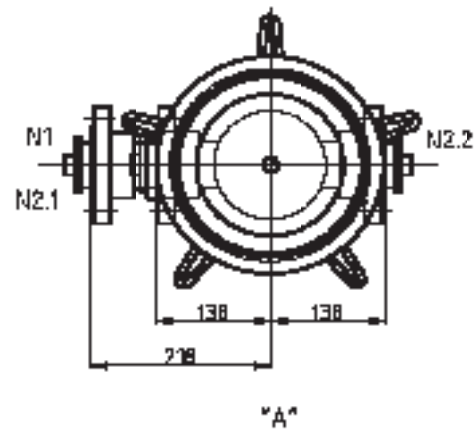
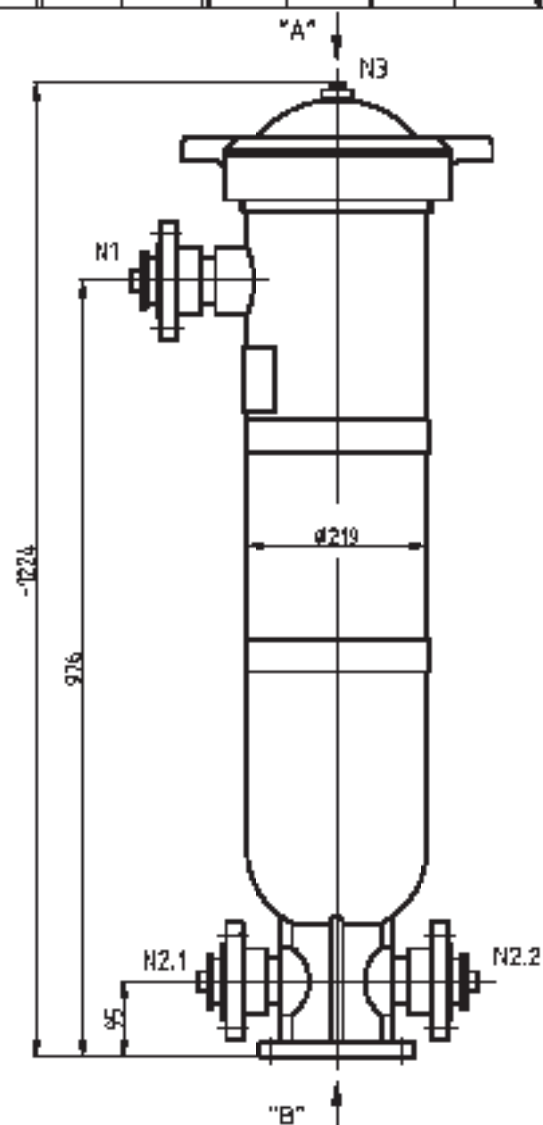
Pressure Vessel Size	Recommended operating pressure max	Max. operating temp.	Max. flow rate	Bag Type	Bag size	Flange	Mounting method	Weight
5	6 bar	80 deg C	18 m3/hr	No 5	6" x 20"	2"	Legs	7.0 kg
2	6 bar	80 deg C	40 m3/hr	No 2	7" x 32"	2"	Flange	12.0 kg

The PVPP Series pressure vessel has been designed for easy cleaning with no metallic parts that can rust or corrode to potentially pollute the product. This housing provides reduced bag change-out time without the need for tools therefore providing minimal process interruption.

The PF design is totally flexible when considering process connection with one outlet as a possible drain port for product recovery for safe disposal/reuse.

Vessel sizing / System configuration

*Maximum flow rate is based on aqueous flow at $\Delta P=1.0$ psi clean through filter only without bag installed. Achieved flow rate is dependant on type of fluid being filtered, fluid viscosity and temperature, micron rating and type of filter bag. Please consult one of our product specialists when sizing these vessels



technical data

	vessel	ident	
design pressure	6		bar
design temperature	80		°C
operating pressure max.			bar
operating temperature max.			°C
test pressure with water 20°C			bar
volume	30		l

SEFAR

date: 2011.10

design according AD Merkblatt

scale:

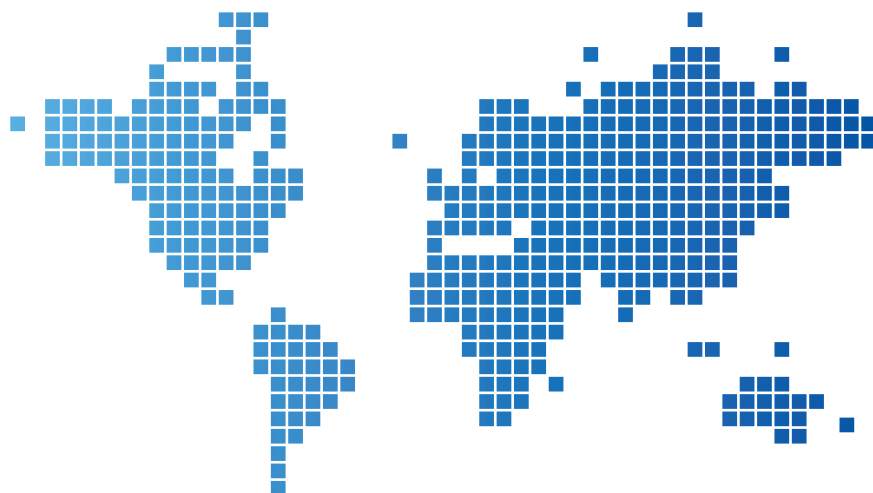
1:1

name:

PV-BS2-PP-2A

NOZZLES DATA

MARK	NORMAL SIZE	SERVICE	CONNECT STANDARD	FACE	RANK
N1	ANSI 2" / NPT 2"	INLET	Slip On Flanges-ANSI B16.5	RF	150 lb
N2.1	ANSI 2" / NPT 2"	OUTLET	Slip On Flanges-ANSI B16.5	RF	150 lb
N2.2	ANSI 2" / NPT 2"	OUTLET	Slip On Flanges-ANSI B16.5	RF	150 lb
N3	85P 1/2"	VENT	DN 150 22B-1		



Sefar Oceania

The best value solutions for filtration and separation applications

Sefar is the leading manufacturer of precision fabrics from monofilaments for customer-tailored filtration solutions in the industrial market. Sefar products are used in a wide variety of industries, reaching from mining & refining, food and beverage, pharmaceutical, chemical aerospace, and architecture. With its profound understanding of the applications Sefar helps its customers to achieve optimum results in their industrial processes.

Sefar Oceania has been established in 1968 and it is a 100% Subsidiary of Sefar Switzerland. 6 sales regions cover Australia, New Zealand and the Pacific Rim. With over 55 employees and manufacturing facilities in Australia and New Zealand we are the most diverse Mesh & Filter Products solution provider from a single supplier.

Australia & New Zealand

Head Office Oceania
Sefar Pty Ltd
19-21 Huntingwood Drive
Huntingwood NSW 2148

Phone +61 1300 306 661
oceaniasales@sefar.com
www.sefar.com.au

WA
Sefar Pty Ltd
Unit 4, 68 Callaway Street Wangara
WA 6065 Australia

Ph +61 8 9303 2600
saleswa@sefar.com
www.sefar.com.au

New Zealand
Sefar Ltd
24G Allright Place
Mt Wellington, AKL 1060

Ph +64 9527 4410
salesnz@sefar.com
www.sefar.nz

