

PRESSURE VESSEL

SV-FK STANDARD PRESSURE VESSEL

Materials of Construction

Vessel Outer:	Fibreglass
Vessel Inner:	High Density Polyethylene (HDPE)
Neck Thread Insert:	High Density Polypropylene (HDPP)
Distribution System:	Acrylonitrile Butadiene Styrene (ABS)
Standard Head:	Noryl
Premier Head:	Polyphenylene Oxide (PPO)
Seals:	Buna-N

Certification

1. PED 97/23/EC directive compliant.

Construction Notes

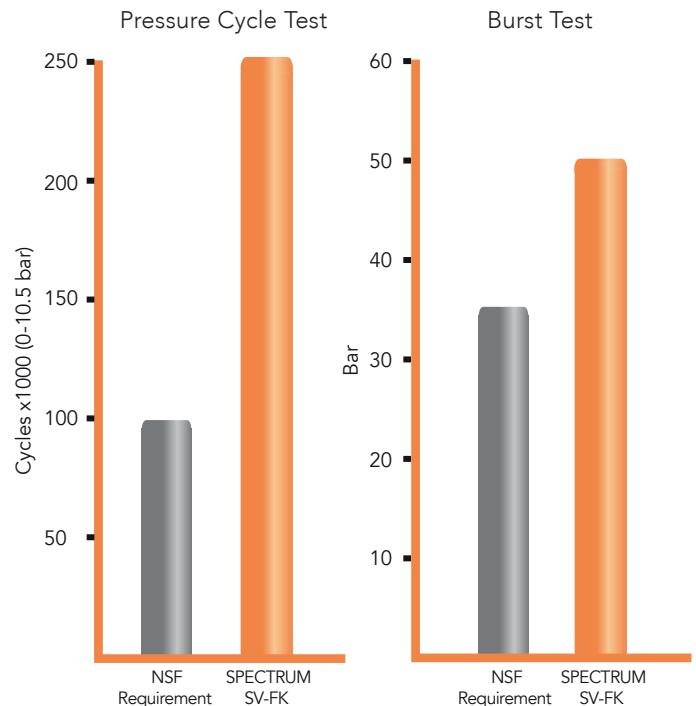
1. Water contact parts manufactured with food grade materials.
2. 5 year warranty.
3. Threads in vessel neck are made from 30% glass-filled polypropylene for enhanced strength.



Technical Data

Maximum Operating Temperature (°C)	50
Minimum Operating Temperature (°C)	1
Minimum Exposure Temperature (°C)	-3
Maximum Operating Pressure (bar)	10.5
Maximum Vacuum (Hg)	140mm
Vessel Neck Size (")	2.5
Port Sizes - Standard Head (")	¾ female
Port Adaptor Sizes - Premier Head (")	½ male
	¾ male
	1 male

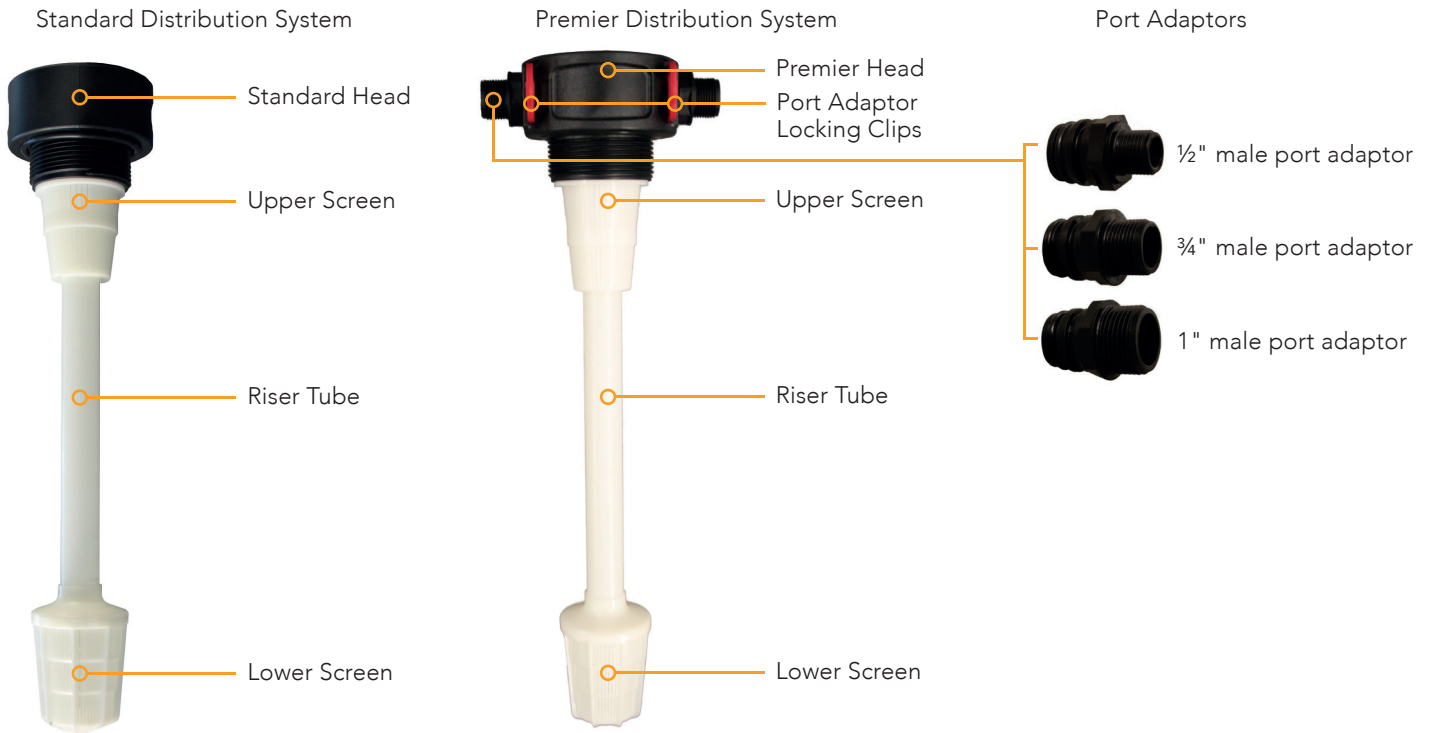
Performance Level Tests



Size Configurations

Available Size & Volume Configurations																				
Vessel Diameter (")	5	6	7		8			10		11	13		14		16					
Vessel Length (")	20	13	18	17	30	35	17	22	35	44	35	44	54	44	44	54	52	65	44	65
Vessel Volume (L)	4.5	4.6	6.8	8.5	15.8	19.1	10.5	14.4	23.6	31.3	38.3	48.8	61	59.8	84.8	105.7	115	148	131.6	188.6

Distribution Systems



Pressure Vessel Range

Also available from the SPECTRUM Pressure Vessel family:

Standard Pressure Vessel (SV-FK)

Premier Pressure Vessel (PV-PK)