

A TOTAL REVOLUTION IN WASTEWATER ARV DESIGN



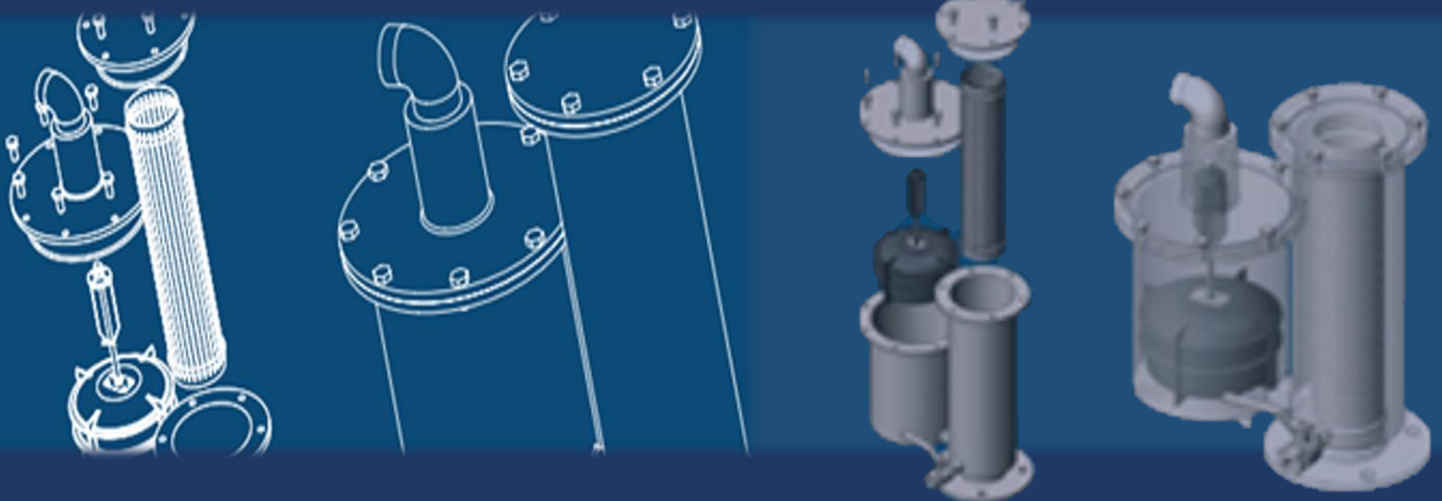
FROM



VALVE DIVISION

VS-4 SMARTVALVE

Combination Air Release Valves for all
Sewage and Potable Water Mains



VISIT: www.VS-4.com



Contents

VS-4 Smartvalve VS Single Chamber Valve Comparison.....Page 1



VS-4-S Smartvalve (STANDARD).....Page 2



VS-4-LP Smartvalve (LOW PROFILE) Page 3



VS-4-HF Smartvalve (HIGH FLOW) Page 4



VS-4-XLP Smartvalve (EXTRA LOW PROFILE) ... Page 5

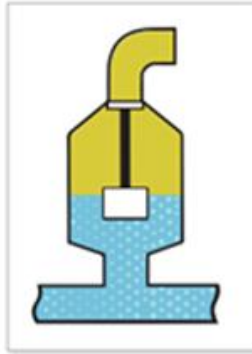


VS-4-PW Smartvalve (POTABLE WATER) Page 5

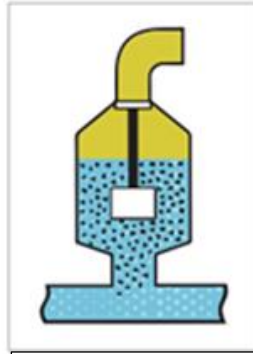
Comparison



Single chamber valve



Inflow float closes



When water pressure compresses the air, water and rubbish rise above the float.

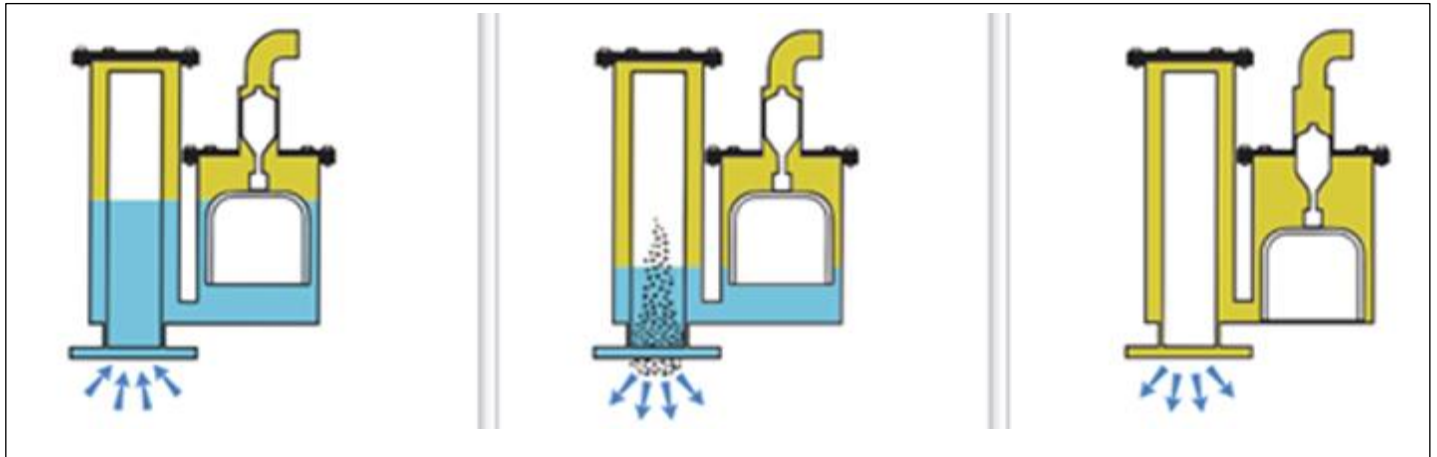


Fats and rubbish accumulate at high point.



Negative flow rubbish 'bird nest' caught in valve. Blocked and/or leaking.

VS-4 Smartvalve



Save \$\$\$ on maintenance

Comparison

Other valves

VS-4 Smartvalve

Float and Seals protected from solids

NO

YES

Seals at Atmospheric Pressure

NO

YES

316 Stainless steel construction

SOME

YES

Extra-long service intervals

NO

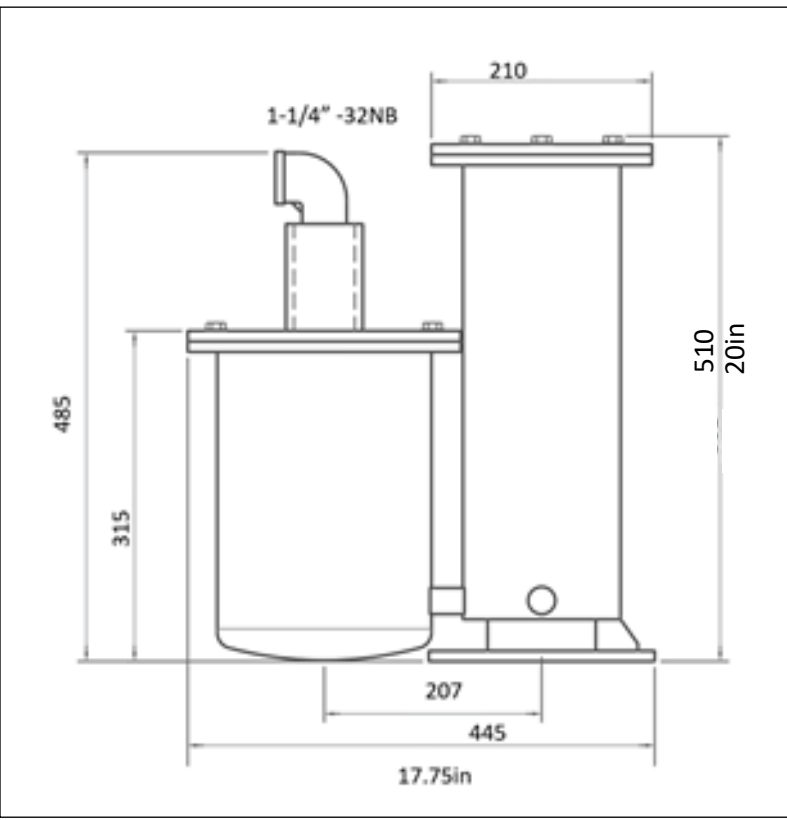
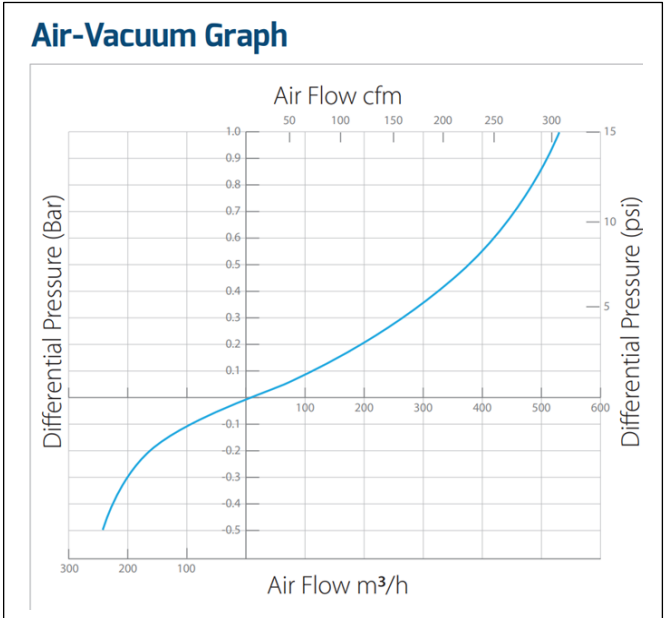
YES



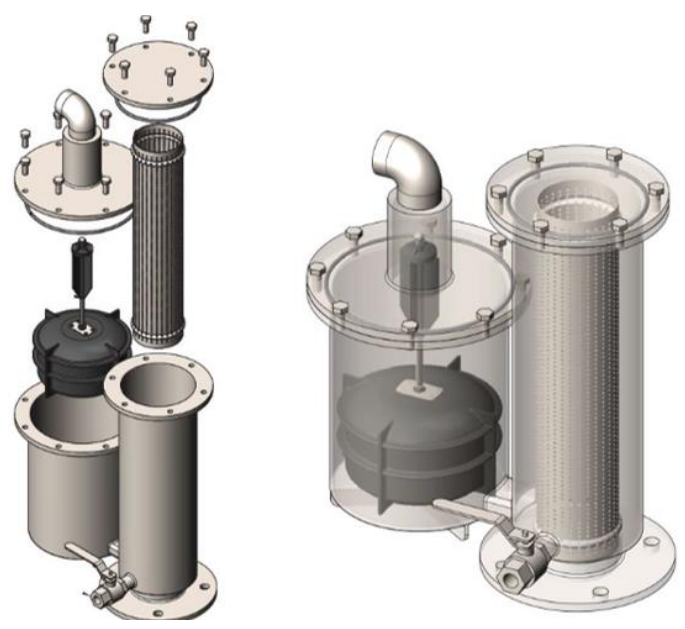
VS-4-S Standard



VS-4- S Standard		
Weight	23 Kg.	50lb
Main Orifice	1160mm ²	1.75 in ²
Vac. Break Orifice	38mm ²	0.06in ²



Patented





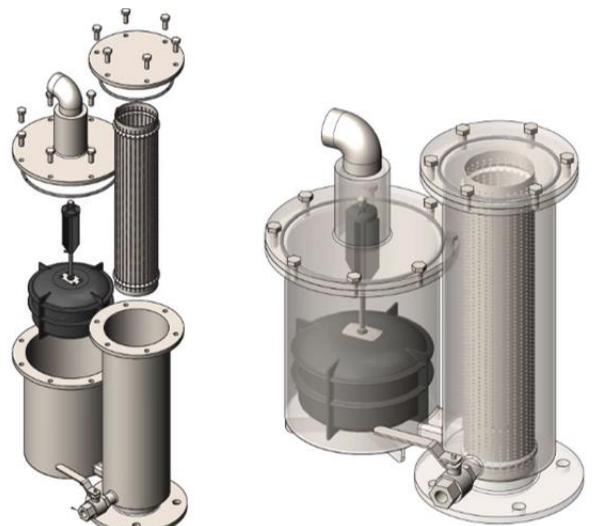
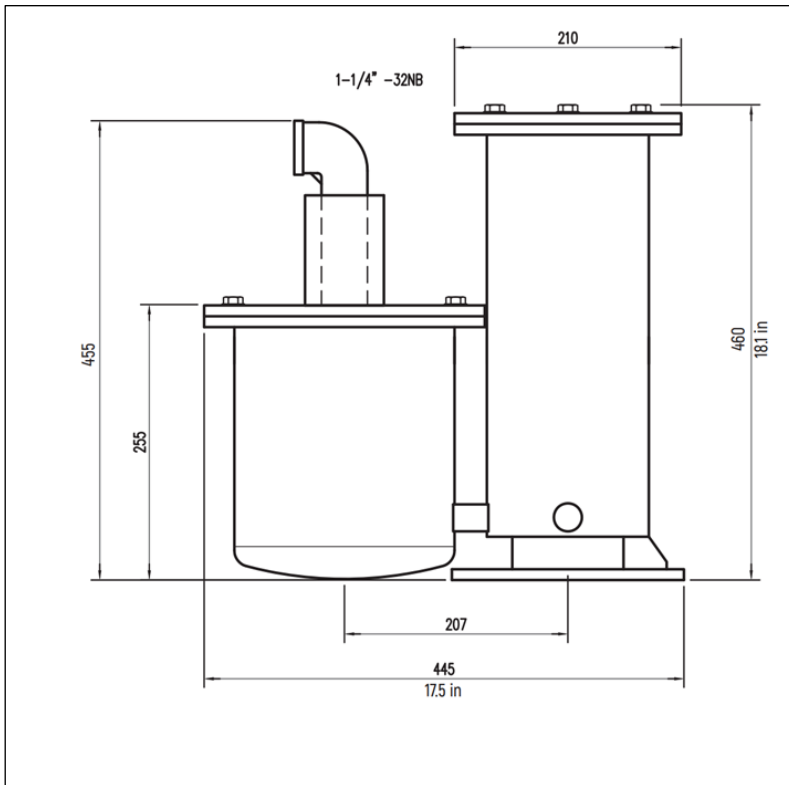
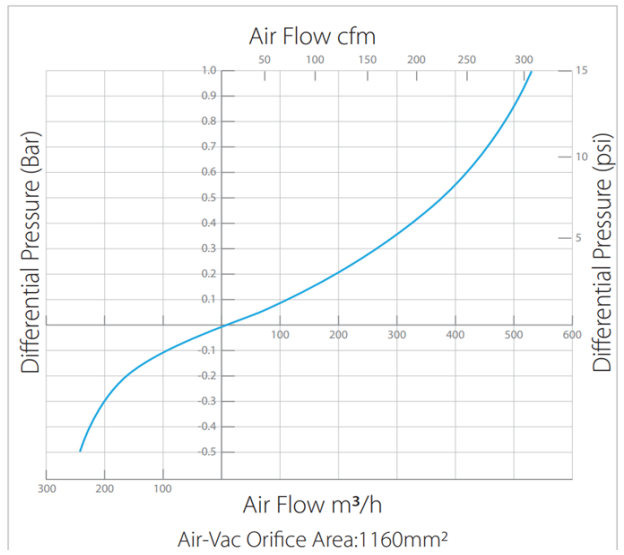
VS-4-LP Low Profile



VS-4-LP Low Profile		
Weight	23 Kg.	50lb
Main Orifice	1160mm ²	1.75 in ²
Vac. Break Orifice	38mm ²	0.06in ²

Patented

Air-Vacuum Graph

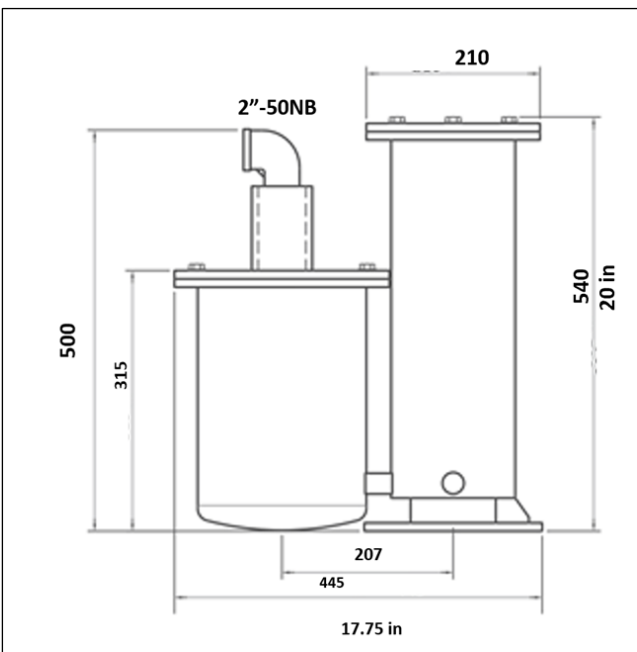
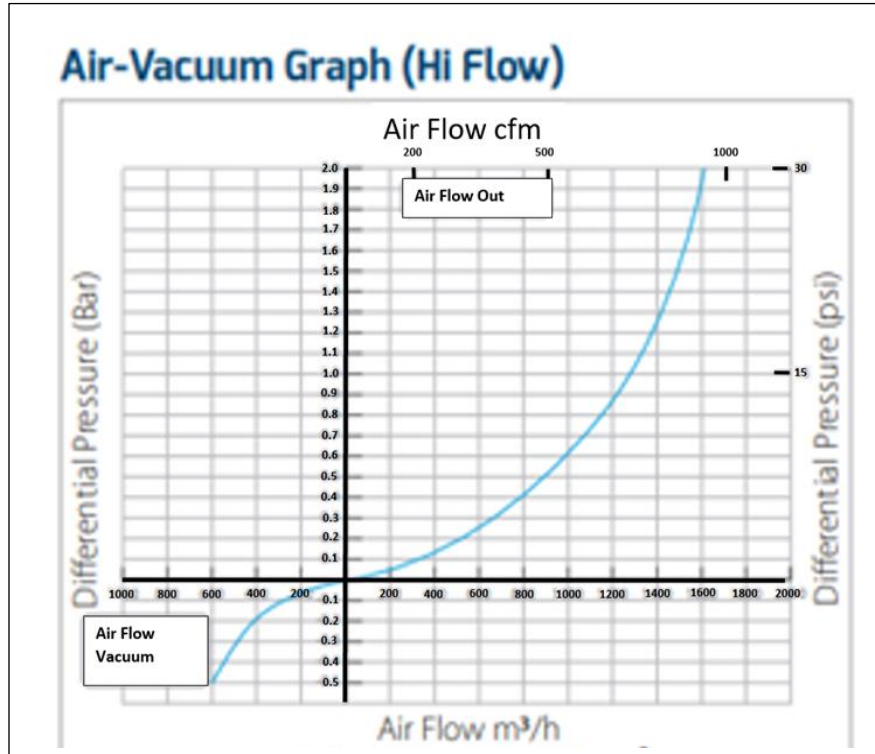




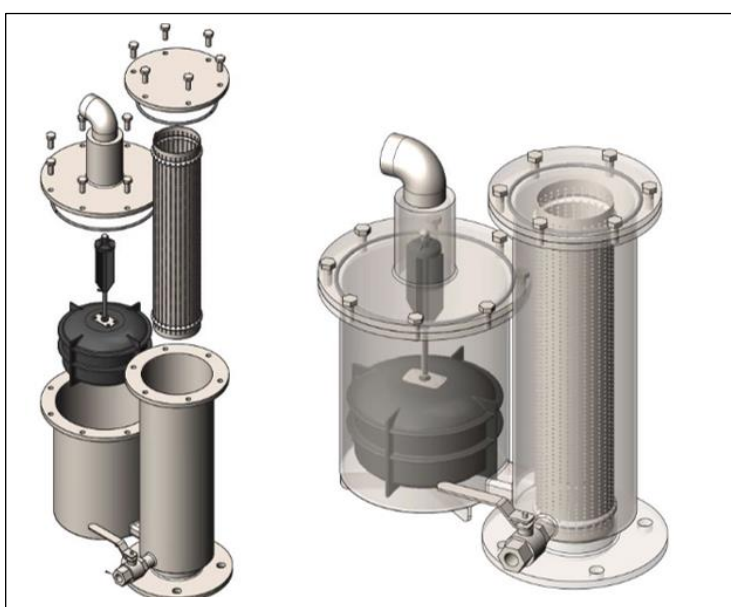
VS-4-HF High Flow



VS-4-HF High Flow		
Weight	24 Kg.	53lb
Main Orifice	2826mm ²	4.2 in ²
Vac. Break Orifice	38mm ²	0.06in ²



Patented





VS-4-XLP Extra Low Profile

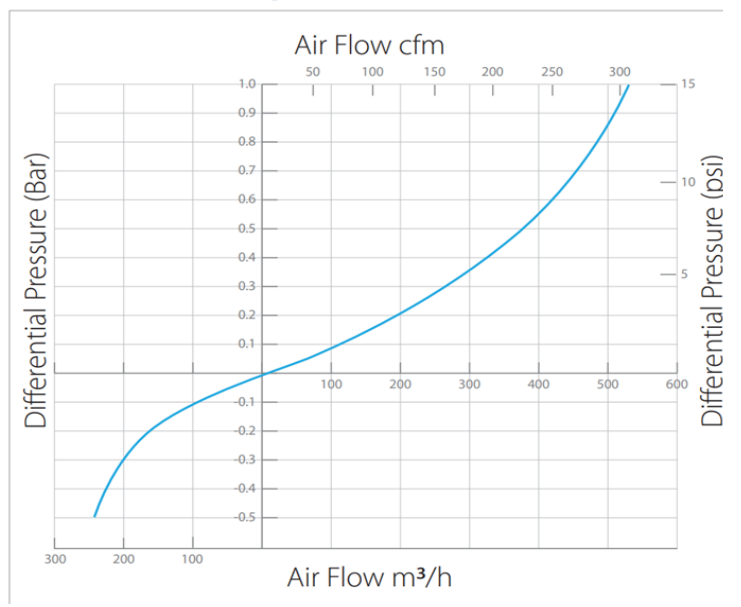
VS-4-PW Potable Water

VS-4-XLP Extra Low Profile

Weight	18 Kg.	40lb
Main Orifice	1160mm ²	1.75 in ²
Vac. Break Orifice	38mm ²	0.06in ²



Air-Vacuum Graph



Patented

VS-4-PW Potable Water

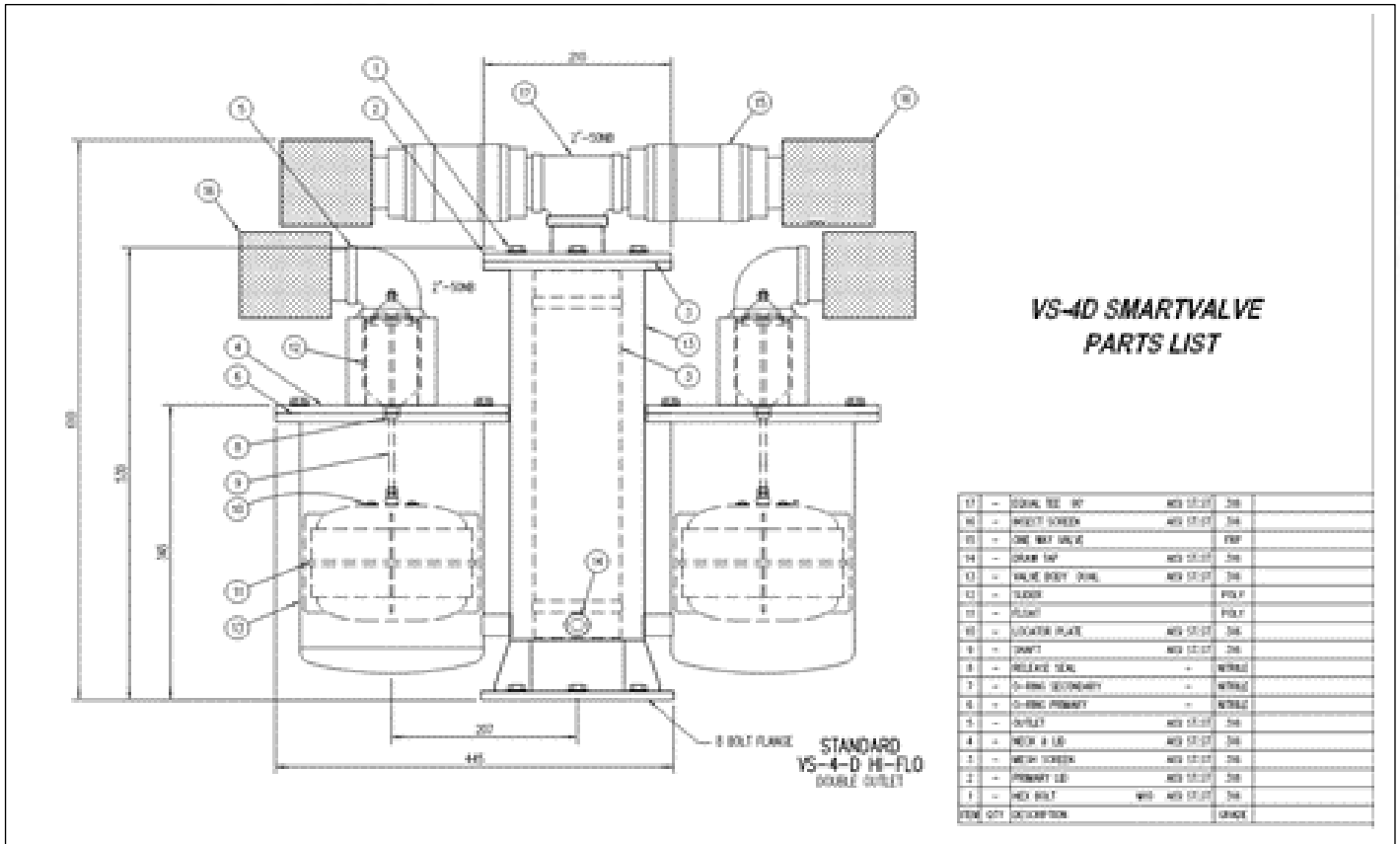
Weight	11 Kg.	24lb
Main Orifice	1160mm ²	1.75 in ²
Vac. Break Orifice	38mm ²	0.06in ²

VS-4-PW for potable and non solids contaminated waters. 316 stainless steel. PN 16. All VS-4 models are CE certified. Spin on or flanged to suit customer requirements. Seals at atmospheric pressure and rated to 16 Bar. This is a combination air valve with built-in anti-slam and anti hammer. All parts are rated food safe. The Standard orifice is 1160mm² and a super high flow model is available to order with a 2826mm² orifice. Water and air flow are horizontal to the float base to stop premature closing. There is also a screen to stop fish, frogs, eels etc from entering the valve chamber. This potable water valve is bred from the extremely reliable VS-4 range of sewer trunk main valves. The VS-4-PW air valve is not suitable for sewer mains as it is liable to clog with solids as happens to other single chamber air valves. For contaminated mains please refer to the 'Double Chamber' VS-4 range.



WE CAN CUSTOM BUILD TO SUIT YOUR REQUIREMENTS.

Example of a custom built



Visit: www.VS-4.com

Odour Technologies Pty. Ltd. (Australia)

PO Box 3591 Loganholme

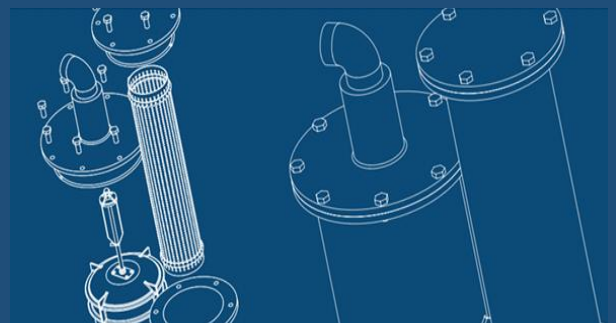
Queensland 4129 Australia

Email: enquiries@odourtechnologies.com.au

Mobile: +61 (0) 412-990-554

Website: www.VS-4.com

www.odourtechnologies.com.au



PATENTED



WSAA (TBA) MRWA IPAM list