



WaStop® Inline Check Valve Technical Specification PVC

Model no.:	WS75PVC-S3	WS75PVC-S4
Nominal Size:	80 mm	
Pipe:	PVC	
Membrane:	Silicone	
Fasteners:	Marine grade stainless steel (AISI 316)	

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	n/a	5 mH ₂ O	8 mH ₂ O
Horizontal opening pressure*:	n/a	176** mmH ₂ O	197** mmH ₂ O
Horizontal closing pressure*:	n/a	75** mmH ₂ O	84** mmH ₂ O
Submerged opening pressure*:	n/a	187** mmH ₂ O	210** mmH ₂ O
Submerged closing pressure*:	n/a	36** mmH ₂ O	41** mmH ₂ O
Vertical opening pressure*:	n/a	223** mmH ₂ O	245** mmH ₂ O
Vertical closing pressure*:	n/a	104** mmH ₂ O	115** mmH ₂ O

*) +/- 15% **) Modeled value

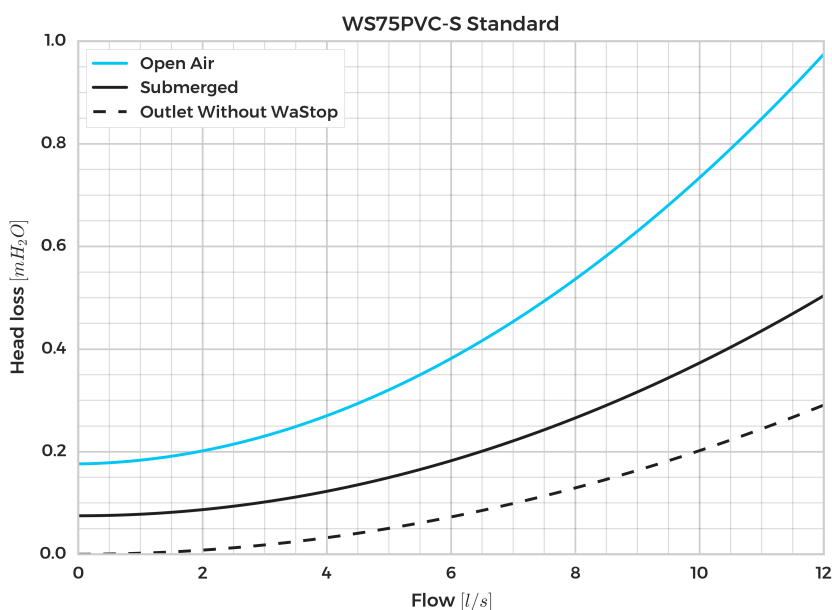
- Values measured from bottom of pipe.

- Tests performed at room temperature (16-20 °C).

Max Flow	m/s	l/s
	2	12

- Higher flows requires custom valve, contact Wapro

- Flange installation is highly recommended at flows above 2 m/s



In the submerged case opening pressure [mmH₂O /inH₂O] is the difference between the water level upstream and the water level downstream and in the open-air case to the invert of the pipe. In vertical applications, the vertical opening pressure is measured from the outlet of the WaStop.

