

WaStop® Inline Check Valve Technical Specification PVC

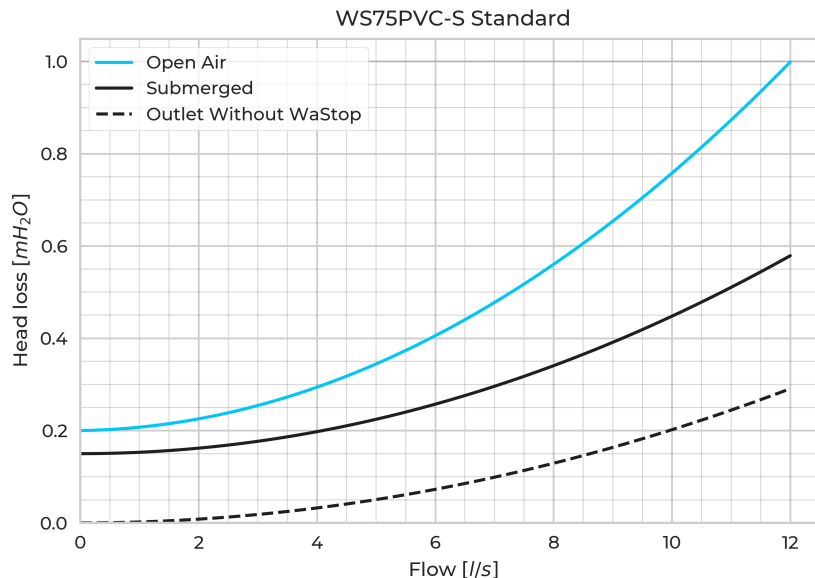
Model no.:	WS75PVC-S3	WS75PVC-S4	WS75PVC-S5
Nominal Size:	80 mm		
Pipe:	PVC		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mH ₂ O	5 mH ₂ O	8 mH ₂ O
Horizontal opening pressure*:	N/A mmH ₂ O	232** mmH ₂ O	220** mmH ₂ O
Horizontal closing pressure*:	N/A mmH ₂ O	90** mmH ₂ O	90** mmH ₂ O
Submerged opening pressure*:	N/A** mmH ₂ O	150** mmH ₂ O	170** mmH ₂ O
Submerged closing pressure*:	N/A** mmH ₂ O	25** mmH ₂ O	35** mmH ₂ O
Vertical opening pressure*:	N/A mmH ₂ O	225** mmH ₂ O	245** mmH ₂ O
Vertical closing pressure*:	N/A** mmH ₂ O	105** 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.