

WaStop® Inline Check Valve Technical Specification PVC

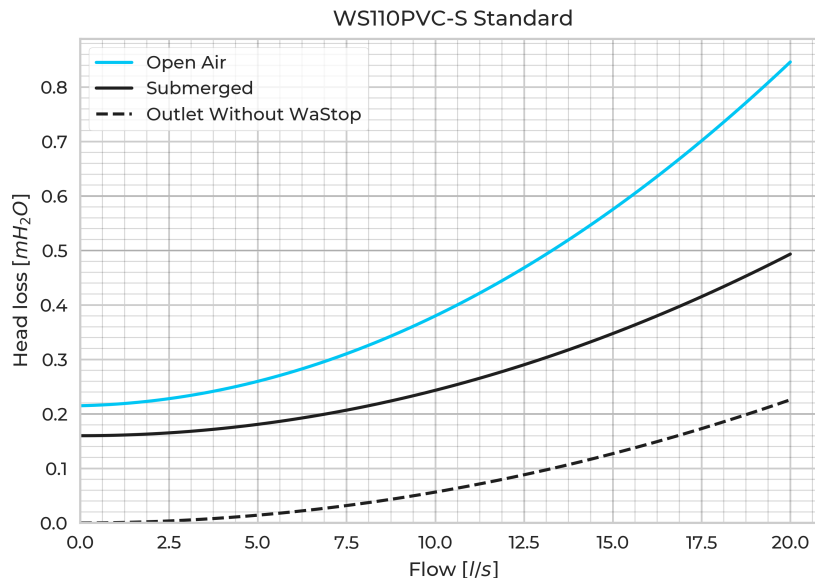
Model no.:	WS110PVC-S2	WS110PVC-S3	WS110PVC-S4
Nominal Size:	110 mm		
Pipe:	PVC		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

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*:	180 mmH ₂ O	215** mmH ₂ O	270** mmH ₂ O
Horizontal closing pressure*:	75 mmH ₂ O	70** mmH ₂ O	70** mmH ₂ O
Submerged opening pressure*:	140** mmH ₂ O	160** mmH ₂ O	180** mmH ₂ O
Submerged closing pressure*:	15** mmH ₂ O	20** mmH ₂ O	25** mmH ₂ O
Vertical opening pressure*:	230 mmH ₂ O	255** mmH ₂ O	278** mmH ₂ O
Vertical closing pressure*:	120** mmH ₂ O	130** mmH ₂ O	145** 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	20

- 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.