

WaStop® Inline Check Valve Technical Specification PVC

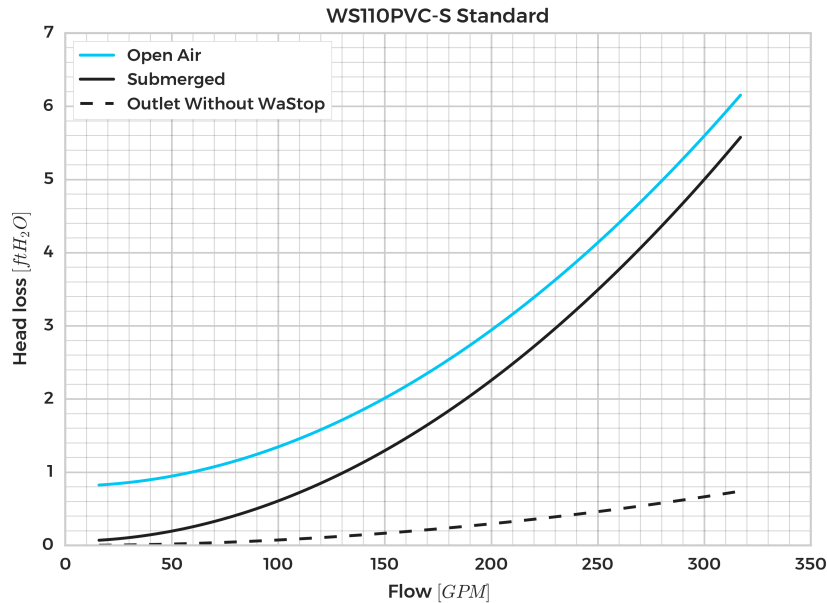
Model no.:	WS110PVC-S2	WS110PVC-S3	WS110PVC-S4
Nominal Size:	4		
Pipe:	PVC		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	9,8 ft H ₂ O	16,4 ft H ₂ O	26,2 ft H ₂ O
Horizontal opening pressure*:	5,6 in H ₂ O	8,4** in H ₂ O	10,6** in H ₂ O
Horizontal closing pressure*:	2,48 in H ₂ O	2,7** in H ₂ O	2,8** in H ₂ O
Submerged opening pressure*:	6,2** in H ₂ O	7,1** in H ₂ O	8** in H ₂ O
Submerged closing pressure*:	1,1** in H ₂ O	1,3** in H ₂ O	1,4** in H ₂ O
Vertical opening pressure*:	9** in H ₂ O	10** in H ₂ O	10,9** in H ₂ O
Vertical closing pressure*:	4,7** in H ₂ O	5,2** in H ₂ O	5,2** in H ₂ O

*) +/- 15% **) Modeled value
 - Values measured from bottom of pipe.
 - Tests performed at room temperature (61-68°F).

Max Flow	f/s	GPM
	7	320

- Higher flows requires custom valve, contact Wapro
 - Flange installation is highly recommended at flows above 6.5 f/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.