



WaStop® Inline Check Valve Technical Specification Stainless Steel AISI 304/316

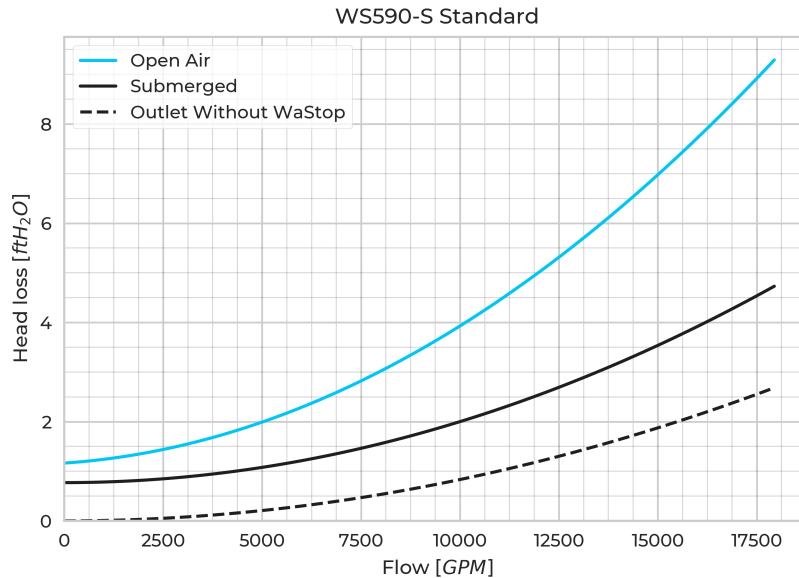
Model no.: WS590-S2-304/316 WS590-S3-304/316 WS590-S4-304/316
Nominal Size: 24
Pipe: Stainless Steel AISI 304/316
Membrane: Polyurethane
Fasteners: Marine grade stainless steel (AISI 316)

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*:	11,8 in H ₂ O	14** in H ₂ O	17,9** in H ₂ O
Horizontal closing pressure*:	8,3 in H ₂ O	9,6** in H ₂ O	12,6** in H ₂ O
Submerged opening pressure*:	8,1** in H ₂ O	9,3** in H ₂ O	10,4** in H ₂ O
Submerged closing pressure*:	2,6** in H ₂ O	3** in H ₂ O	3,9** in H ₂ O
Vertical opening pressure*:	15** in H ₂ O	16,7** in H ₂ O	18,4** in H ₂ O
Vertical closing pressure*:	9,1** in H ₂ O	10** in H ₂ O	10** 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
	13	17945

- 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.

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**HOLDING BACK
THE FLOOD**