



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

Model no.: WS390-S2-304/316 WS390-S3-304/316 WS390-S4-304/316
Nominal Size: 16
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*:	12,3 in H ₂ O	12,8** in H ₂ O	15,3** in H ₂ O
Horizontal closing pressure*:	7,32 in H ₂ O	8,4** in H ₂ O	9,1** in H ₂ O
Submerged opening pressure*:	7,1** in H ₂ O	8,2** in H ₂ O	9,2** in H ₂ O
Submerged closing pressure*:	3,3** in H ₂ O	3,8** in H ₂ O	4,3** in H ₂ O
Vertical opening pressure*:	13,8** in H ₂ O	16,5** in H ₂ O	18,2** in H ₂ O
Vertical closing pressure*:	10,4** in H ₂ O	11,4** in H ₂ O	11,4** 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
	10	5995

- 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**