



WaStop® Inline Check Valve Technical Specification PVC

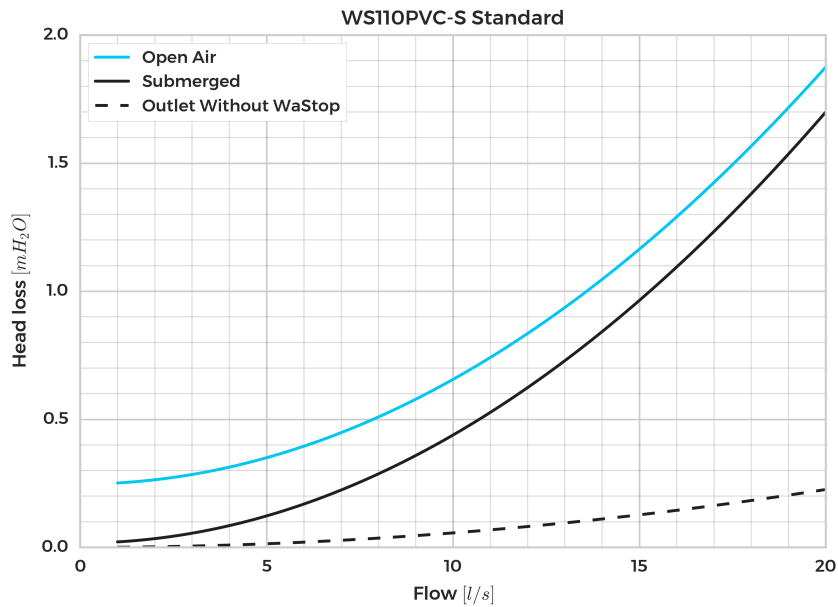
Model no.:	WS110PVC-S2	WS110PVC-S3	WS110PVC-S4
Nominal Size:	110 mm		
Pipe:	PVC		
Membrane:	Silicone		
Fasteners:	Marine grade stainless steel (AISI 316)		

Technical data:	Soft (S2)	Standard (S3)	Hard (S4)
Max. back pressure*:	3 mmH ₂ O	5 mmH ₂ O	8 mmH ₂ O
Horizontal opening pressure*:	151 mmH ₂ O	195** mmH ₂ O	208** mmH ₂ O
Horizontal closing pressure*:	61 mmH ₂ O	64** mmH ₂ O	72** mmH ₂ O
Submerged opening pressure*:	157** mmH ₂ O	180** mmH ₂ O	202** mmH ₂ O
Submerged closing pressure*:	28** mmH ₂ O	32** mmH ₂ O	202** mmH ₂ O
Vertical opening pressure*:	228 mmH ₂ O	253** mmH ₂ O	278** mmH ₂ O
Vertical closing pressure*:	119** mmH ₂ O	132** 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	19

- 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.

Postal address
 Wapro AB
 Munkahusvägen 103
 SE-374 31 Karlshamn
 SWEDEN

Tel: +46 454 185 10
 Fax: +46 454 123 38
 email: wapro@wapro.se
 Website: www.wapro.se

Reg.nr: 556352-1466
 Registered office:
 Karlshamn, Sweden
 VAT nr: SE 556 352 146604

HOLDING BACK
THE FLOOD