

WaStop® Inline Check Valve Technical Specification PVC

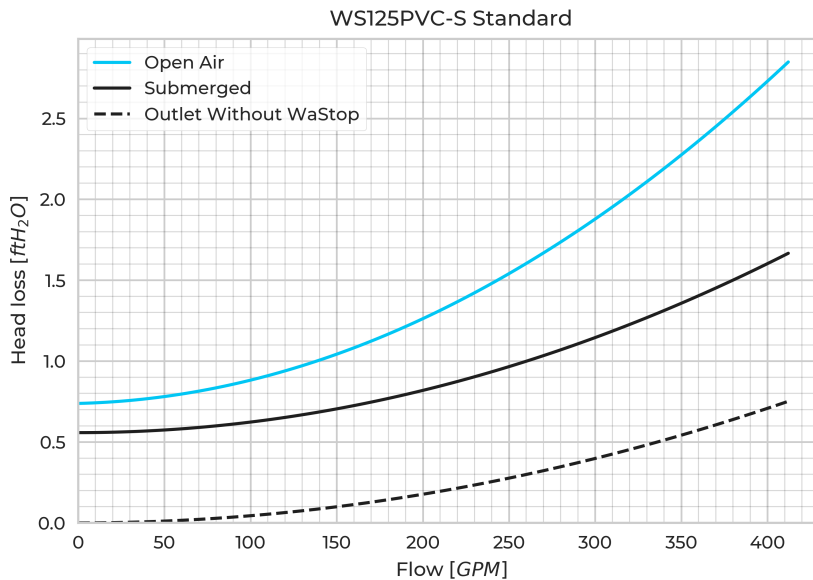
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|----------------------|---|-------------|-------------|
| Model no.: | WS125PVC-S2 | WS125PVC-S3 | WS125PVC-S4 |
| Nominal Size: | 5 | | |
| Pipe: | PVC | | |
| Membrane: | Silicone | | |
| Fasteners: | Marine grade stainless steel (AISI 316) | | |

| 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*: | 7,1 in H ₂ O | 8,9** in H ₂ O | 9,8** in H ₂ O |
| Horizontal closing pressure*: | 3,1 in H ₂ O | 3,1** in H ₂ O | 3,5** in H ₂ O |
| Submerged opening pressure*: | 5,9** in H ₂ O | 6,7** in H ₂ O | 7,5** in H ₂ O |
| Submerged closing pressure*: | 0,8** in H ₂ O | 1** in H ₂ O | 1,4** in H ₂ O |
| Vertical opening pressure*: | 9,1** in H ₂ O | 10** in H ₂ O | 11,1** in H ₂ O |
| Vertical closing pressure*: | 4,7** in H ₂ O | 5,3** in H ₂ O | 5,3** 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 | 415 |

- 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.