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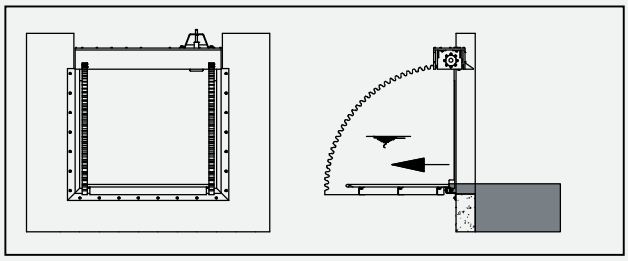
Weir Valves and Stop log Water Regulating Valves

Westatlantic Tech Corp. water regulating gates and valves are made from long lasting HDPE and 316L stainless steel materials

FLAP WEIR PKLS

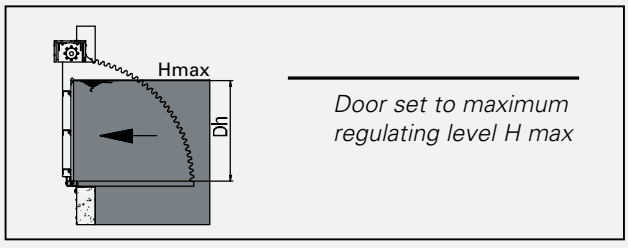
Instead of an overflow gate valve with a vertically moving door, an alternative product can be used that has a rotating door: the flap weir.

As a result the flap weir can regulate from almost the bottom of the channel. The advantage is that this weir does not need space to accommodate the door below the H min level.

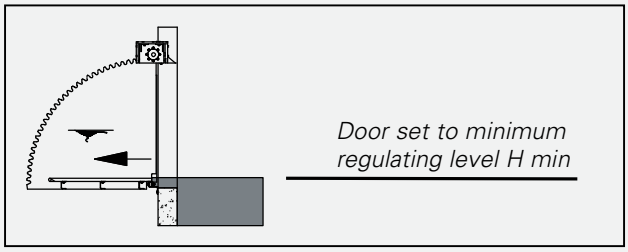


Flap weir type PKLS

The doorplate and segments are made of HDPE. The door can rotate from H max, the maximum regulated water level



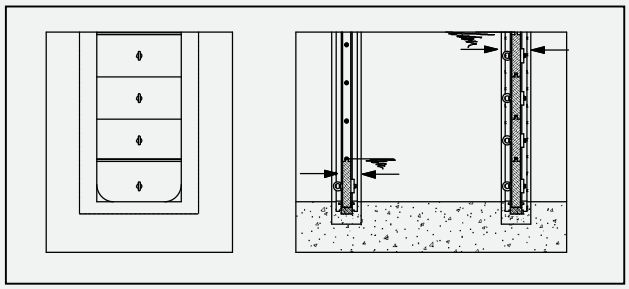
to H min, the bottom or minimum regulated level.



Just like the POS overflow gate valve the flap weir regulates continuously between the minimum level (H min) and the maximum level (H max). However its construction is much more compact.

STOP LOG PSS

Besides the possibility of regulating continuously between a minimum and maximum level, a less accurate device can be used. This is a stop log, for regulating flow levels step by step.



Stop log type PSS

Step by step regulation is achieved by just putting the logs into the frame.

This kind of equipment can also be used as an alternative for large sluice gates. The stop log can be an economical alternative to stop the flow occasionally where a sluice gate would perhaps be too expensive for the limited use and/or where a sluice gate would be technically too complicated because of the large dimensions. The construction of the frame will not stick out above deck level. Stop log constructions can also be used in emergency situations and for maintenance purposes.

Westatlantic flap valves, sluice gate, Penstock, valves are sized to fit most applications. All American and International application pipes diameters may be accommodated.