DOUBLE LEAF PENSTOCK

The AQUIKO Double Leaf Penstock allows for various methods of control, whether maintaining a water level or quick discharge for flood prevention.

The Double Leaf Penstock incorporates two weir plates or leaves, which can be moved independently of each other. The top leaf acts as a weir penstock to control water flowing over the top. Allowing a water level to be maintained upstream to a desired depth. The bottom leaf acts as a channel penstock and can be operated to move high volumes of water.

STRONG

ACCURATE

LOW MAINTENANCE

Ideal for use where summer and winter levels are required, as the penstock can be set to maintain a level when required, or opened fully to allow free flow. It can be used as an alternative to a tilting weir especially where space is restricted.

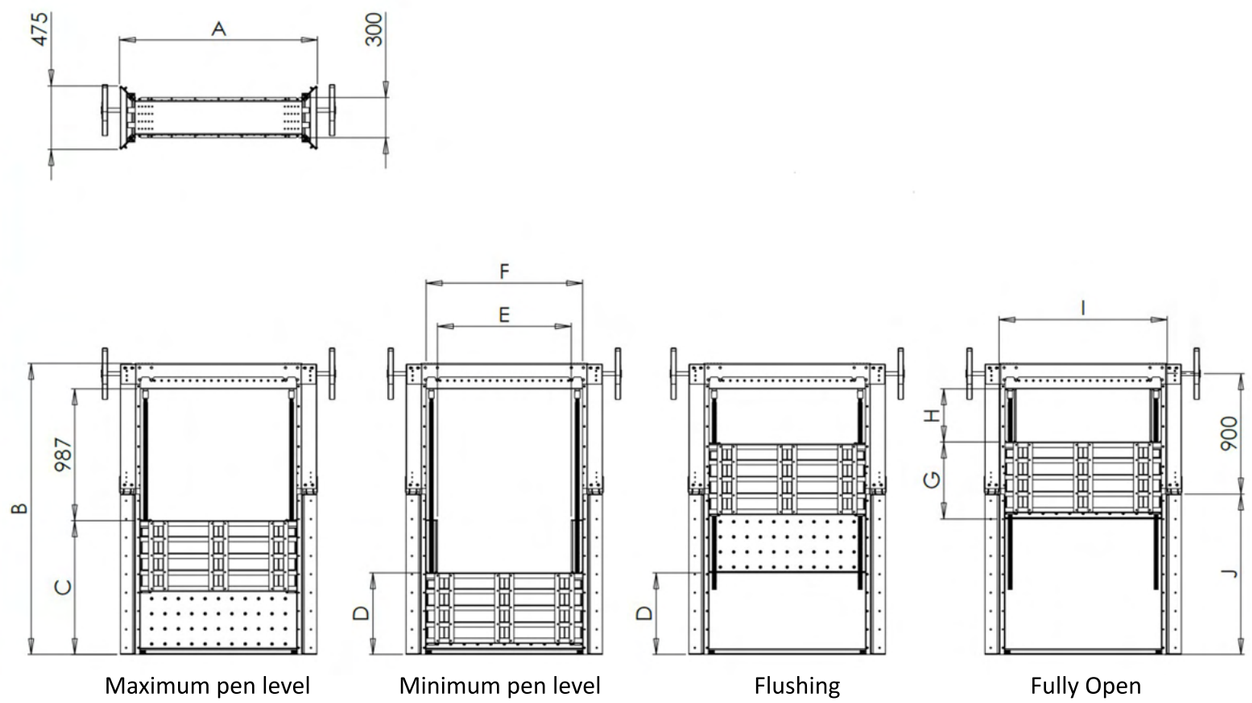
The Double Leaf Penstock ensures very accurate level control. They can be operated manually with a range of accessories or electrically using an actuator or our Compact Solar Control (CSC).

Made from stainless steel 316 and HDPE ensuring the product is very durable yet lightweight. The lightweight nature of the product means installation is easier than comparable products. As with all AQUIKO products the range has been designed to be as low maintenance as possible with no greasing required.

Double Leaf Penstocks can be wall, channel or rebate mounted. The majority of Double Leaf Penstocks can be bolted and sealed to the wall in less than a single shift. They are often used where space is of a premium and a tilting weir wouldn't fit.

AQUIKO Double Leaf Penstocks are built to suit the exacting requirements of each enquiry. The AQUIKO Double Leaf Penstock range is available in a wide range of sizes to suit your individual needs.

Below is a sample general arrangement (GA) drawing with three sample sizes shown in the table.



Maximum pen level | Minimum pen level | Flushing | Fully Open

Diameter	A	B	C	D	E	F	G	H	I	J
1000x1000	1481	2177	1000	611	1000	1170	575	398	1258	1200
1500x1500	1981	2677	1500	861	1500	1670	825	648	1758	1700
2000x2000	2481	3177	2000	1111	2000	2170	1075	898	2258	2200

Manufactured in the UK

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