

APPLICATION

KWT adjustable weirs are very varied and are used in surface, sewer and process water systems. The KOP and SOS weir structures are a simple yet effective way of penning water, using a set of stacking aluminium boards.

OPERATION

This type of weir has been widely used to pen water, traditionally using wooden beams. KWT has modernised this by manufacturing this type of structure using lightweight yet durable materials such as Aluminium and HDPE. This also improves on health and safety implications by reducing the weight of each board dramatically.

Both weir types can be adjusted by 50mm using a set of boards, which is also supplied with a special frame to allow the boards to be kept within the unit when not in use.

The SOS stackable well can be fitted to an existing concrete, timber or steel structure, assuming a suitable flat surface can be provided.

The KOP is a SOS fitted to an HDPE well unit. This allows easy installation, as it can be supported on two stakes and connected to a pipe using a flexible coupling. It can also be locked to prevent unauthorised access or theft.

BENEFITS

Light construction and therefore heavy foundations are not required.

Easy to adjust plate height.

Redundant beams can be stored within the unit.

Easy installation.

Durable materials and, in many cases, a more cost effective solution.



SPECIFICATIONS

Dimensions: From 600 mm x 1400 mm (w x h)
Weir width: To 1200 mm x 1400 mm (w x h)

Operation method: Manual

Operation point: KWT connection

A debris baffle can be supplied as an option to prevent floating debris entering unit.

Different sizes and versions on request.

MATERIALS

KOP Well construction: HDPE

Frame: SS304

Beams: Aluminium

Guides: HDPE

Sealing: EPDM

Other materials on request.

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