

FLOATING UNITS

Automatic level control made easy



The KWT range incorporates a number of different types of automatic control products which do not need electricity. The floating unit is an ideal way of maintaining a level in an irrigation ditch, without the need for regular human intervention.

Operation

The floating unit incorporates two chambers, a control chamber and a flow chamber. The control chamber has a small feed pipe which allows water in from the water level to be maintained (the carrier level). Within this chamber is a float system, which adjusts as the carrier level changes. The float is connected to a valve within the flow chamber, which opens as the carrier level drops, then closes as the carrier level reaches the required height. The float can be adjusted to allow various heights to be maintained, using a standard KWT operation key.

The unit can be installed in various ways:

- To a headwall structure
- Inline between two pipes
- Buried in the ground (this reduces the chance of freezing up)
- Fitted to sheet piles
- Supplied with JKH pre-cast concrete units



Advantages

- Low Maintenance
- Quick, easy installation (no grouting Required)
- Very easy to use
- No regular servicing required
- Compact, Robust Design
- Lightweight yet durable
- Very cost effective
- Vandal Resistant



Specifications

Opening Diameter	100-500mm ø
Operation	Automatic using floats/ Manual adjustment
Spindle	Non Rising, KWT Half moon drive

Materials

Chamber Walls	HDPE
Float	HDPE
Linkage system	Stainless Steel 316
Spindle	Stainless Steel 316
Spindle Block	POM
Fixings	Stainless Steel 316, resin anchor

Other materials are available on request

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