

AYLESBURY™ FLOAT VALVES

- High quality, extremely durable and maintenance free.
- Back-siphonage protection to BS1212 part 2 for compliance with Water Regulations air gaps.
- Dribble free non-wearing ceramic disc seal
- Puncture proof polyethylene float minimises stress on the tank wall fixing point.
- Ideal for pumped systems. No valve bounce, no water hammer.
- Saves energy with positive pump control.
- Maximises tank capacity.
- Fixed and variable level differential models available.

Aylesbury™ float valves from *Keraflo* are high quality delayed-action valves designed for prolonged use in demanding situations. Their design makes them suitable for use in tanks where a type AA or AB air gap is required. They are ideal for pumped systems as the on/off operation prevents water hammer and pump hunting. They are unaffected by water pressure fluctuations and there is no washer or seat to wear out.

AYLESBURY VALVE - type K

Delayed action float valve suitable for tanks with or without raised valve housings, and ideal for pumped water lines. The key-shaped float can be accurately set in a number of positions on the brass float arm. The valve actuates at a predetermined difference in water level, with the float driving it fully open or closed without water hammer. The non-adjustable operating differential between open and closed positions is 75mm.

Available in the following sizes:
1/2", 3/4", 1", 1 1/4", 1 1/2", 2"

UNIQUE FEATURES OF THE AYLESBURY VALVE:

Backsiphonage protection:

'Up-and-over' discharge to BS1212 helps to facilitate air gap compliance.

Extended durability:

Non-wearing ceramic disc seal in a DZR brass housing.

Unique design puncture-proof float:

Closed cell foam is CFC-free, air retardant and biologically inert. The design virtually eliminates stress on the tank wall fixing point.

Virtually indestructible:

Incorporates pressure compensating rotating ceramic discs.



Extended drop arm version also available.

Aylesbury type 'K' fixed-differential valve



Flexible System Design

Our comprehensive range of specialist items has been developed specifically for rainwater harvesting systems. Because the range consists of separate components, it has exceptional flexibility.

These items are suitable for almost any system design, whether you're planning a system for a small house, school or large industrial or commercial premises.



We are the UK's sole supplier of Wisy products for rainwater utilisation



Products shown with this logo are included on the Water Technologies List making them eligible for Enhanced Capital Allowance.

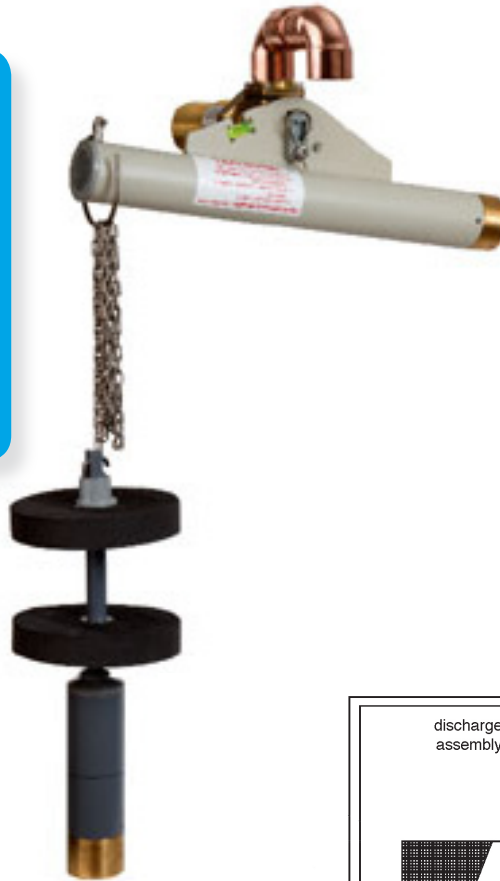
AYLESBURY VALVE - type KB

- Fully variable delayed action.
- Back-siphonage protection to BS1212 part 2.
- Suitable for tanks with or without valve housings.
- Perfectly suited to mains water back-up feed to rainwater or greywater break tanks.

The valve operates by the transfer of a weight within an actuator tube. The movement of this actuator causes the valve to open or close. As the valve features a stainless steel chain in place of a rigid arm, the opening and closing levels in the tank are infinitely variable up to 1.8 metres depth.

By setting the levels of the float and the buoy to the desired positions, the opening and closing levels can be accurately fixed, and adjusted quickly without the use of any tools.

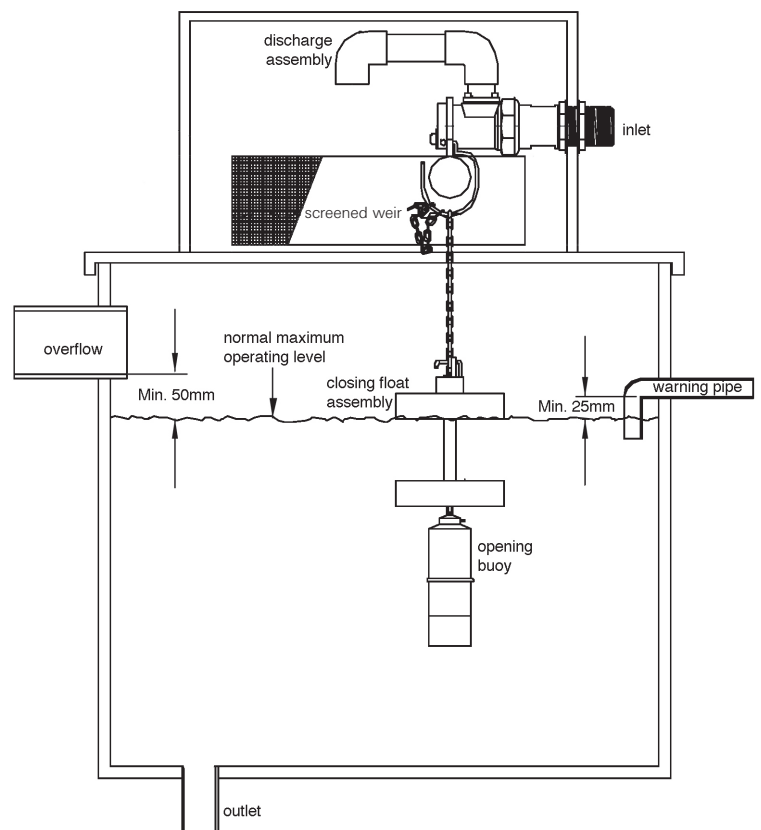
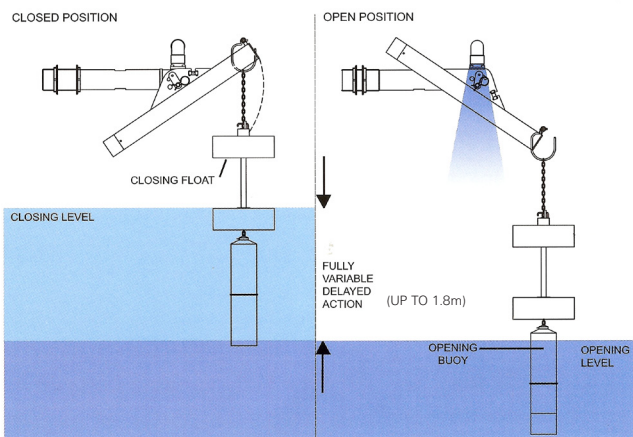
The 'KB' valve is available in the following sizes:
 $\frac{3}{4}$ " , 1" , $1\frac{1}{4}$ " , $1\frac{1}{2}$ " , 2" , $2\frac{1}{2}$ " , 3"



The design of this valve is most useful when it is necessary to have the valve opening when the water is at low level within the tank. In such situations it is impracticable to use a conventional ball float, even one with an extended arm.

Because the valve incorporates a vertical chain with adjustable activating points, it is possible to have the valve opening at any water level height. This is particularly useful for the low-level backup supply to a rainwater harvesting break tank.

Fitted into an appropriate raised housing, the 'KB' type valve provides a type AB air gap in compliance with the Water Regulations requirements for backflow prevention.



TYPICAL INSTALLATION OF 'KB' VALVE WITHIN RAISED HOUSING



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