

## Type AB Airgap Protection on PFG Water Tanks

*Comprehensive, standardised range of hygienic airgaps compliant with the Water Regulations.*

To satisfy the requirements for Backflow Prevention under the Water Regulations, PFG offer a comprehensive range of fully standardised Type AB airgap arrangements to BS EN 13077:2003.

Simplistically a Type AB airgap arrangement ensures that should the inlet and the overflow fail that the resulting inflow to the tank is discharged by a large slot to prevent any possibility of the tank water reaching the valve with a consequent risk of backflow into the mains. The airgap being measured from the discharge point of the valve to the water level passing through the discharge slot.

To allow the tank to also comply with **W16-4** specification (drinking water), the slot is protected with a 650 micron mesh screen and a light cowl.

The PFG range is characterised by two distinct designs, in each the valve is mounted in a raised inlet valve chamber (IVC).

Up to and including 2" / 50mm inlet valves—

One or two slots are formed in the walls of the IVC. The slots are mesh screened and have an external light cowl.

2.5" / 67mm to 4" / 100mm inlet valves—

One or two slots are formed in side wall of the tank. The slot is mesh screened and inside the tank a moulded weir is installed. This creates a weir crest to minimise the loss of capacity resulting from the airgap. Outside the tank a light cowl is installed.

### Standard Ranges:

#### One-Piece Tanks

BS1212 up to 2"  
Equilibrium up to 2"  
Equilibrium 2.5"-4"  
Aylesbury KX all sizes  
Aylesbury KAX all sizes  
Aylesbury KB up to 2"

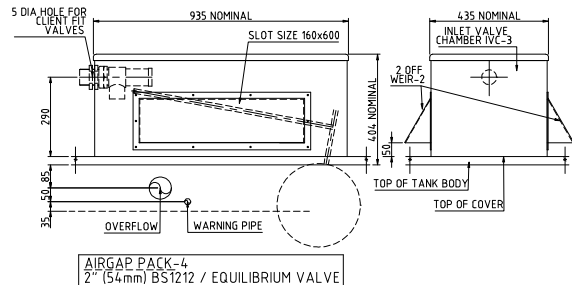
#### Sectional Tanks

BS1212 up to 2"  
Equilibrium up to 2"  
Equilibrium 2.5"-4"  
Aylesbury KX all sizes  
Aylesbury KAX all sizes  
Aylesbury KB up to 3"

*Note: Larger sizes are available to order along with Type AB airgaps and arrangements with the valve mounted within the tank.*



MOULDED WEIR INSIDE TANK FOR LARGER INLET



- Standardised design using off-the-shelf components
- Hygienic arrangement for potable water applications
- Minimal loss of capacity compared to **W16-4**
- Water Regulations compliant



2000 L STORAGE TANK WITH AIRGAP PACK CONSISTING OF RAISED INLET VALVE CHAMBER AND SPILLOVER WIER

