



## Tank Division

Specialists in water & chemical Storage

### INSPECTION & MAINTENANCE.

#### Tanks

1. We recommend that our tanks are inspected once every six months. (more frequently if there is a reason to suspect contamination)
2. Inspect tank externally to note any damage to insulation.
3. Inspect seals around the hatch, lid and float valve chamber. Replace if damaged. (Always ensure the tank is empty before removing the lid on tanks over 1820 litres.)
4. Inspect all overflows/warning pipes to ensure they are not blocked.
5. Inspect ball valve operation is satisfactory, seals properly and that float rises on centre line of pivot point.
6. Visually inspect internal surface of the tank.
7. Clean and chlorinate as per B S 6700 annually, or more frequently if routine inspection shows it to be necessary.
8. Clean and chlorinate if the system or part of it has been substantially altered or entered for maintenance purposes in a manner which may lead to contamination.
9. Clean and chlorinate following an outbreak or suspected outbreak of Legionnaires

#### Air Gaps

Precolors Type AB Air gaps are provided by a screened weir overflow in the side wall of the tank or in the side of a raised float valve chamber. This type of backflow protection has no moving parts and requires very little maintenance. As part of the regular inspection and maintenance programme we would recommend the following action to ensure mains are protected from potential contamination.

1. Inspect float valve operation every six months, ensure float arm is free to move and is unrestricted, float is secure and not damaged.
2. Ensure the float valve is clean and there is no contamination on the float or the valve.
3. Inspect overflow and warning pipe (if fitted) to ensure there are no blockages.
4. Inspect screened weir, ensure mesh is clean and un damaged and will allow water to pass through.
5. Ensure seal around the top of the float valve housing is not damaged and all bolts are in place.



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### INSTALLATION INSTRUCTIONS

1. Ensure that the base of the cistern is adequately & uniformly supported over its whole area.
2. Support & align the pipes so as not to distort the cistern, and do not over tighten the back nuts.
3. Ensure the circular holes for fixing pipes have a clean edge, free from notches, and cut them with a hole saw or drill them with sharp cutter.
4. Position the cistern so that it is not in close proximity to any source of heat.
5. Use jointing materials which meet the requirements of BS 6920.
6. Install with fixed cover, screened air inlet, screened overflow/and or warning pipe and if applicable vent pipe entry device.
7. Where the cistern has a change in profile which is accomplished with a radius or angle, it is essential that the outer extremities of the pipe flange connection and washer are clear of the radius.
8. Cisterns having a maximum capacity of 500 litres require that the centre line of the float operated valve should be 60-5mm from the top of the cistern.

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### OPERATING INSTRUCTIONS

1. Ensure that the tank lid and inspection hatch is bolted and sealed.
2. Ensure insulation is in place.
3. Ensure all overflows/warning pipes have mesh in place, and there are no blockages.
4. Water entering the tank must be at ambient temperature (unless otherwise stated.)



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