

## Flush Before Installing AFL Cartridge

The AFL datasheet states “Valves should be installed, the system flushed and chlorinated before Cartridges are fitted”. This method allows any debris in the system to pass through the 15 mm bore of the AFL valve.

Flushing with an AFL Cartridge in-situ, will limit the flow according to the colour coding, which may compromise the flushing. There is a high risk the AFL Cartridge will trap debris, which may fully or partially block the Cartridge and therefore the achieved maximum flow rate would be lower than its rated capacity.

Flushing should be in accordance with clause 3.1.10.1 of BS6700:1997.



*Insert the Cartridge after flushing – then refit AFL Plug with matching coloured Identity Disc*

## Disinfection using Chlorine - AFL Cartridge

It is recommended that the initial chlorination be done after flushing and before the AFL Cartridges are inserted into the AFL valves.

It is permissible to disinfect the system using Sodium Hypochlorite with the AFL Cartridges in-situ providing the disinfection is carried out in accordance with clause 3.1.10.2 of BS6700:1997.

The materials used in the construction of the AFL Cartridge include –

- EPDM
- Stainless Steel
- POM

These materials offer “good” short term resistance to Sodium Hypochlorite at the highest recommended concentration of 200 mg per litre or parts per million.