

All TMVs contain a precision engineered, fast acting, valve mechanism. Protecting them from contamination both before and after installation can avoid un-necessary servicing and protect against malfunction.

#### BEFORE THE TMV IS INSTALLED

All supply pipework must be thoroughly flushed at a high flow rate (> 1.5m/s) to dislodge and remove all **dirt, debris, grease and flux**.

BS EN 806-4:2010 and PD 855468:2015, (both available from BSi) **provide guidance and best practice for flushing systems while protecting vulnerable components, including TMVs. Pegler advises both these documents are consulted and their recommendations followed closely.**

#### AFTER THE TMV IS INSTALLED

##### *Routine Maintenance*

The filters built into the TMV will help protect it from larger debris. These must be fitted and maintained; periodically checked and cleaned to ensure they are not blocked. If debris regularly accumulates in the filters this is not normal and should be investigated: it can be a sign that the system needs additional cleaning.

##### *Chemical Cleaning*

Great care must be taken if using chemical agents when cleaning a system. The TMV contains rubber and plastic parts that can be damaged by common sterilisation fluids. These substances can also remove important lubricants from the valve mechanism and in severe cases, strip chrome plating. To avoid failures arising from such damage Pegler recommends that all TMVs are removed\* for the duration of the cleanse.

\*or isolated