

Section 14

THERMAL RELIEF VALVE (Optional)

The Thermal Relief Valve (TRV) fitted usually requires minimum maintenance attention, but should the valve be failing to open at the specified temperature or remaining open after the water temperature has lowered, follow these instructions to clean the valve.

1. Location. The TRV is located on the top surface of the discharge manifold –



2. Remove the TRV with a suitable adjustable spanner to grip the main TRV body.



3. Remove the internal parts from the outer housing. Secure the TRV vertically in a vice. With an adjustable spanner undo the top part of the TRV.



4. The TRV internal parts will now slide out of the housing



5. The thermal actuator (p/n 57053) can now be pushed out of the main housing from the cone end for inspection



6. All the main internal parts can now be inspected for wear and/or the build-up of mineral deposits.

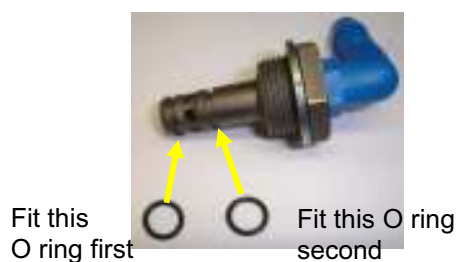
If there is significant deposit build-up, this can be removed by cleaning the outer housing and internal parts in a proprietary lime scale remover.



Faulty operation could be due to the sleeve (p/n 60808) sticking in a closed or open position on the outlet adaptor (p/n 60807). Also, if the O rings (p/n 58107) are worn or damaged there will be an inadequate seal allowing water to discharge unnecessarily.

7. Re-assembly is a reversal of the dismantling process. If new O rings (p/n 58107) are to be fitted, roll the first O ring into the lower groove on the outlet adaptor, then roll the second O ring over the first O ring in to the second groove higher up the adaptor. Apply water resistant grease to the new O rings and the grooves to facilitate fitting.

NB: Service Parts Required – Seal, UFP2303/10, 1 off. O ring, 58107, 2 off.



Cross section of assembled TRV