Mains Flushing Quick Guide

Flushing with a general manual mains pressure clean

Isolate all but one of the radiators and flush to **1** Before starting, run the boiler until normal drain for at least 5 minutes until the water runs operating temperature is achieved throughout the system then switch off. clear. Repeat this process to flush each radiator in turn. If the system has a hot water circuit then this should also be flushed as part of the process. Drain the system using all available drain points. 8 Finally flush the system with all radiator and (All radiator and other air vents should be opened system valves open, dumping to drain until the to ensure complete removal of system water). water runs clear. Refill the system. 3 Introduce an appropriate Sentinel cleaner (X400 **9** When the draining water appears clear, take a or X800) in to the system, ensure all gate valves Total Dissolved Solids (TDS) test of the draining water. The difference between the mains water and TRV's are fully open. and the system water needs to be 10% or less. This indicates that sufficient contaminated system water has been flushed from the system. If this reading is not achieved, repeat steps 8 Turn on the boiler again, bring the system up to temperature and run for a minimum of one hour allowing the cleaner to fully circulate if using X800. If using X400 this can be left in the system for up to 3 weeks. 10 Finally, refill and add Sentinel X100 to the system 5 Once the cleaner has circulated within the system for the required time, turn off all electrical before circulating for a minimum of 15 minutes. controls and electrically isolate the system, isolate the cold water supply to the central heating system and for open-vented systems, cap-off or temporarily join together, the open vent and cold feed to the feed and expansion cistern 11 Prior to SystemCheck samples being taken, carry out a Sentinel X100 Quick Test. If the correct dose has been achieved, proceed with SystemCheck sample collection. 6 Connect the mains pressure hose to an appropriate point in the central heating system.

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