

Power Flushing of Central Heating Systems

The purpose of power flushing a central heating system is to restore systems with boiler noise issues or circulation problems back to their optimum performance.

Problems can range from:

- Loud banging noises from the boiler / boiler keeps cutting out
- Cold spots in radiators
- Radiators cold at the top (Regularly need bleeding due to gas build up –by product of rusting)
- Radiators cold at the bottom (showing signs of sludge accumulation)
- Dirty Brown or black bleed water from radiators
- Reduced / fluctuating hot water or heating due to blocked pipes & heat exchangers



A poorly functioning central heating system can be a sign of a build up of black iron oxide (sludge), which accumulates naturally over the lifespan of the system. However these corrosion deposits can have severe effects on the efficiency of the heating system if remedial action is not taken and will likely result in high fuel bills and the need for replacement of parts within the system where internal corrosion is not kept at bay.

The process involves connecting our Power Flushing machine to your pump or radiators which then forcibly cleans the system using powerful chemicals, rust inhibitors and water at high velocity, but with low pressure, so that no physical damage is caused to the system. This loosens, cleanses and mobilises sludge built up in the internal pipework or radiators. The debris then passes through our magnaclean magnetic filter that collects these particles, so that they can be safely and easily removed.

The cleaned water from the system is then re-circulated back into the pipework, meaning there is no unnecessary waste of water or need to re-fill the whole system and usually it just requires “topping up”. It also means expensive chemicals are not wasted or required to be replaced again.

For residential properties, this whole process can normally be undertaken within one day (although larger properties may take longer). Your central heating system will be left with unrestricted circulation of heat & hot water through the cleaned radiators & pipework.

FJS Plumbing & Heating Services offer power flushing for residential properties only. We provide FREE site visits and no obligation quotations upon request and are always happy to discuss your needs.