

Central heating system power flushing information sheet

Is the system slow to warm up? Are some radiators completely or partially cold? Do radiators need frequent bleeding or is there 'kettling' noises from the boiler? These and many other symptoms are indications you could benefit from a power flush. Trained by kamco and using their latest power flushing technology, we are yet to come across a system that cannot be cleaned.

The core component of a heating system is the boiler. When a boiler is renewed, the boiler manufactures' Benchmark scheme requires that the system be thoroughly cleansed to the BS7593:2006 Code of Practice. Currently, best industry practice is considered to be to power flush the system.

Power flushing is the fastest and most effective way to flush heating systems, and involves minimal disruption and dismantling.

We use the latest flushing pumps, designed to cure circulation and boiler noise problems caused by the accumulations of sludge, corrosion deposits and scale which are found in most ageing systems.

The power flushing pump is temporarily connected into the heating system during the flushing process. The high water velocity, combined with instantaneous flow reversal and chemicals, dislodges and mobilises sludge and corrosion deposits.

Having loosened the debris, the pump expels it from the system to waste, using a high velocity flow of fresh water.

Radiators are individually flushed without removal or disconnection from the system. After the power flush the system is full of clean water, a good quality inhibitor is added and re-instatement to normal operation normally only takes a few minutes.

A power flush can be extremely effective in cleaning systems that have corrosion problems as a result of a design fault in the system, but we strongly recommend that any such design faults be rectified before power flushing commences.

The success of a power flush will depend on the level of heating corrosion which has occurred beforehand. The process will cure most circulation problems, but cannot undo the corrosion and gradual decay that has led to the need to power flush the system.

Whilst it is rare for a heating system to experience leaks after the power flush it is not possible to inspect a system internally beforehand, and the need to use a flushing and dispersing chemical for effective cleansing means that occasionally we may find a leak.

The advanced stage of corrosion required for such a situation means that the leak would occur imminently even without a power flush. We believe it is preferable that it occurs whilst we are present to remedy the problem, rather than for it to arise over a weekend or whilst the house is unoccupied.

The price quoted is for a standard power flush only and if any of the above or similar problems arise during or after the power flush Pinnacle Plumbers will not hold themselves liable and any further work required will be at an additional cost.

N.B. All estimates, quotes and work are subject to the terms of business