



# Power Flushing

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The Only Guide You Need

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## What Is Power Flushing?

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While most homeowners understand the process of bleeding their radiators, many are unfamiliar with power flushing as a way of improving the efficiency of their central heating system.

Over time, your central heating may suffer from a build-up of debris, rust and sludge within the system which can lower its output and performance. Power flushing offers the ideal solution for such problems as it involves a deep clean of your central heating system to restore the full circulation of the water. In turn, this will improve the efficiency of the boiler and radiators in your home, avoiding the risk of a breakdown.

A thorough clean of your central heating system is crucial to its functionality, and power flushing has proven to be a popular method due to the quick and meticulous clean it delivers.

## Can I Carry Out A Power Flush Myself?

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While homeowners can bleed their own radiators, power flushing is a far more complicated procedure which must only be carried out by professionals. Plumbers and heating engineers undergo intensive training on how central heating systems and boilers operate, so there is no risk of damage or wasted time and money when hiring a professional.



# What Does The Process Of Power Flushing Involve For A Professional?

First and foremost, it's important to note that power flushing must only be carried out by a fully trained heating engineer to ensure it is completed correctly and to avoid any risk of damage.

The primary aim of a power flush is to clean any accumulations of rust, sludge, limescale and debris in the pipework of your central heating system. A qualified engineer will flush any blockages out of the system with a specialist power flush machine using high flow and low pressure. High strength cleaning chemicals, such as sludge crust breaker and descaler, are then added to remove any stubborn blockages within the heating system. The overall procedure includes:

## 1. System Pre-cleaner

Breaks up dirt and blockages within your central heating system

## 2. Flushing and Descaling Liquid

Targets sludge, rust and other debris and solves any circulation problems within your system which has caused cold spots on your radiators, boiler noises and pump failures

## 3. Corrosion Inhibitor

Coats metal surfaces to protect them from corrosion or further rusting

## 4. Neutralising Crystals

Neutralises any acidic flushing chemicals so there is no acid left in your heating system by the end of the process ensuring it is completely safe to use

All of these steps will help to improve the efficiency of your central heating and protect the system for many years to come.



## What Are The Benefits Of A Power Flush?



There are a host of benefits to using the power flush technique for your central heating system at home, which is why it has become a very popular service here at A&D Plumbing Services. These include:

- ✓ **Increased lifespan of your system**
- ✓ **Improved overall efficiency which can lower household bills and enhance energy savings**
- ✓ **Reduced risk of breakdown**
- ✓ **Increased reliability for peace of mind**

## How Will I Know When My Central Heating System Needs A Power Flush?

It's important to note that the power flushing technique will not solve every problem with your central heating. However, you must make yourself familiar with the warning signs which indicate that your system is in need of a power flush, so you know when to contact an expert engineer.

These signs include:

- Certain rooms in your home are much colder than others
- Your central heating system takes a while to warm up properly
- There are cold patches on your radiators
- Your boiler/heating system is noisy
- Your radiators need bleeding regularly and the excess water is discoloured

Whether you are commissioning a new central heating system to use it for the first time or have chosen to install a new boiler within an existing system, a power flush will prevent any old dirt or contaminants from damaging the pipework.



## Is Power Flushing A Safe Procedure?

All power flushing work **must** be carried out by a qualified professional who has the experience to complete the procedure in a safe manner. Those who are not fully trained in power flushing could seriously damage their central heating system which can lead to expensive repairs and wasted time.



## Can Power Flushing Help To Reduce My Energy Bills?

Yes - as blockages accumulate in the pipework of your central heating system, more energy is needed so it can reach the required temperature. Therefore, removing substances such as debris and sludge from the pipework allows your system to function properly which, in turn, leads to cheaper heating; the knock-on effect of improving the overall efficiency of your heating system is that your energy costs will reduce.



## How Much Will Power Flushing Cost?

You will need to contact a professional plumbing and heating company to find out the exact price of a power flush service for your home as certain considerations, such as the number of radiators in your property, will cause quotes to vary.

Here at A&D Plumbing Services our competitive prices start from £395+VAT - simply call our expert team today to request a free, no obligation quote.





## Contact Us

To learn more about how your home can benefit from our power flushing services, or to arrange a visit from one of our fully qualified engineers, don't hesitate to get in touch. Simply give us a call or, alternatively, you can email us with your query - we cover a wide area including Cambridgeshire, Suffolk and Essex.

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