

# POWER FLUSHING

## The Cleaning & Treatment of **CENTRAL HEATING SYSTEMS.**

**Corrosion within central heating systems has been a problem for the end user and heating engineers and plumbers for years.**

Although most system components are designed with a life expectancy of 15-20 years, the build up of magnetite sludge and subsequent corrosion can often shorten this and lead to lower heat transfer and poor system performance. This dense corrosive, black sediment can clog pumps, reduce water flow and lead to cold spots in individual radiators with advanced states of corrosion indicated by black water being drawn from a radiator drain valve or air bleed.

Power flushing is the generic term for cleaning a central heating system of this damaging sludge with the aid of chemicals and a powerful self-contained flush-ing unit that combines a flow-reversing valve to ensure a high degree of system cleanliness. ▶



- Ideal for new system commissioning.
- Suitable for micro bore.
- Suitable for nearly all sizes of systems.
- Ten-radiator system cleaned in 4 to 5 hours.
- Cleans single pipe systems.
- Minimal draining down on vented systems.

► The Norstrom Powerflush is a highly portable descaling unit for central heating systems, now available from Brandon Tool Hire, for flushing and descaling in one simple operation and is even effective on micro bore systems.

**Q. Do you need to drain down the system before starting to use the Powerflush/Proflush?**

**A.** *If connecting to the system in place of the circulation pump, you can achieve the small amount of draining down required on a vented system by opening the ball valves on the Powerflush flow and return to allow up to 35 Litres of system water to enter the Power flush Tank. This should be sufficient to allow the F & E pipes to be disconnected and preferably temporarily joined together or bunged.*

**Q. Can a microbore system be flushed with the Proflush?**

**A.** *Yes it can, but the flow rates will be greatly reduced and so the flush may not achieve the same results as with a normal system. You should connect to the system via the circulation pump connections and not via a radiator. We recommend double dosing the chemical being used to break up as much of the magnetite as possible giving the Powerflush a better chance of moving the solids around and out of the system.*

**For more information on this product please ring 0870 514 3391,**



## Technical Specifications

- Physical limitations-Max Temperature 85c
- Tank capacity-35 litres max
- Working capacity-24litres.
- Weight 17.5kg
- Pressure rating-Inlet pressure max 75psi (5 bar)
- Drain pressure-max 20psi (1.3bar)
- Recirculation pressure max 20psi (1.3bar)
- Recirculation pressure working 15psi(1.0bar)
- Inlet flow rate max@ 5bar 30Lpm
- Drain flow rate max 35Lpm
- Recirculation flow max 50Lpm
- Typical working flow rate 40Lpm