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## The effect of *EndoTherm* when applied to a wet central heating system.

Based on analysis of test data *EndoTherm* is a unique additive which when added at a concentration of 1% to a central heating system alters the physical characteristics of the liquid within the system sufficiently to allow the complete system to function in a different manner. Enertek's test results and analysis of 3<sup>rd</sup> party data suggest that this lowers the energy input to the boiler whilst maintaining the comfort levels within the household.

The available information suggests that *EndoTherm* adjusts the characteristics of the liquid within the heating system sufficiently to allow;

- A reduced heat up time of the heating system which can deliver a quicker response to the heating demands of the household.
- A stabilising effect to smooth the heat dissipation of heat from the system liquid through the radiators to supply the demands of the household.
- A change to the cyclic operation of the heating system.
- The heating system to be maintained at its most effective operating conditions by reducing internal scaling as well as reducing noise levels.

An example of the cyclic operation of a typical heating system and controls with and without *EndoTherm* dosed liquid.



