

**HIGHLIGHTS:**

**Heating System:  
Open Vent Non  
Condensing Gas  
Boiler**

**Install Date:  
March 2007**

**Results:**

- **SYSTEM HEATING UP MUCH QUICKER**
- **RADIATORS HOTTER**
- **SILENT SYSTEM**
- **VIBRATION FREE PUMP**
- **HOT WATER HOTTER AND RECOVERING MUCH QUICKER**
- **NO MORE BLEEDING RADIATORS**

**INTRODUCTION**

We were approached by Mr. Horton who is a heating engineer with an M & E Contractor based in Hartlepool, Teesside. The problems with his heating system, which is of the gravity fed type, were many including having to replace corroded radiators due to the ingress of air which he had been unable to prevent. Mr Horton was unwilling to change the system to a “sealed” system as that would bring on even more problems mainly due to increased operating pressure.

**PROBLEMS BEFORE THE INSTALLATION OF TADPOLE**

- Heating System Noisy
- Slow to Heat Up
- Radiators Needed Bleeding every 3 to 4 Days
- Excessive Energy Bills

We advised the installation of TADPOLE in an effort to alleviate his heating system problems. TADPOLE was installed on the 10th March 2007.

When the system was re-commissioned the difference in performance was noticed within the first 10 minutes of the heating cycle.

**RESULTS ACHIEVED WITH TADPOLE INSTALLED**

- The system and radiators were heating up much quicker.
- The system which had previously been very noisy was now almost silent.
- The pump was now vibration free.
- The radiators reached a much higher temperature than before the installation of Tadpole.
- The domestic hot water heated up and recovered much faster and to a higher temperature.
- Since installation of Tadpole there has never been a need to bleed radiators.

**SUMMARY**

Mr Horton has reported to me that the system is now operating better than before the installation of TADPOLE and he is convinced that he is saving money on his gas bills.

**TADPOLE  
Innovation  
At Its Best**