

CUSTOMER: Mr Chris Horton, Heating Engineer

LOCATION: Hartlepool, Teesside.

HEATING SYSTEM: Open Vent Non Condensing Gas Boiler

PROBLEMS:

- HEATING SYSTEM NOISY
- SLOW TO HEAT UP
- RADIATORS NEEDED BLEEDING EVERY 3 TO 4 DAYS
- EXCESSIVE ENERGY BILLS

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.

We advised the installation of Vortex in an effort to alleviate his heating system problems.

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

- * 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 VORTEX.
- * THE DOMESTIC HOT WATER HEATED UP AND RECOVERED MUCH FASTER AND TO A HIGHER TEMPERATURE.
- * SINCE INSTALLATION OF VORTEX THERE HAS NEVER BEEN A NEED TO BLEED RADIATORS.

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

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