

47.7%*
less Oil used with CHMS



Central Heating Management System

Ref: 12926



Case Study – Maidenhead SL6	
Property:	Detached House
Age:	Built 1970s
Size:	257m ²
Construction:	Cavity
Insulation:	Loft 250mm
Bedrooms:	5 Bedrooms
Reception:	2 Reception Rooms
Glazing:	Double Glazing
EPC Score:	Band D - 57 (2014)
Installed:	June 2013
Reviewed:	May 2014

OBJECTIVE

- ✓ To assess the central heating system after the installation of the CHMS
- ✓ To ensure the system is fitted and working correctly
- ✓ To discuss with the customer their experience of the CHMS and heating comfort
- ✓ To advise on the best way to use the system to get the most out of it
- ✓ To measure gas consumption by analysis of energy bills

ORIGINAL HEATING SYSTEM

System Description: System, Vented	Pipe Type & Size: Two Pipe	
Boiler Make/Model: Grant	Fuel: OIL	Age: 1 year
Wall thermostat: Analogue	No of radiators: Eighteen	TRVs: <50%
Programmer: Digital	Port Valve: Spring	

UPGRADED HEATING SYSTEM The installation includes:

Magic Heating Box:	Y	Dig 3 Channel Programmer:	N	Magnetic Filter:	N
Digital Wall Thermostat	Y	6m Circulation Pump:	Y	Liquid TRVs (100%):	Y
Cleansing of System:	Y	Two Port Valve (MoMo):	Y	Deaerator:	Y
Cleaner Accelerant:	Y	Electrolytic Scale Reducer:	N	Pipe Stat:	Y
Anti-Corrosion Inhibitor:	Y	New Cylinder:	N	New Boiler:	N

RESULTS

The oil energy bills for period December 2012 to April 2013 before installation compared to the period December 2013 to April 2014 after the CHMS was installed, showed a **saving of 47.7% (litres)**. The boiler flow had been set to 65°C and was turned down during visit to 60°C. All TRV were set on maximum so customer advised advantages of turning them down to required temperature. (No compensation for environmental or human variables)

CUSTOMER COMMENTS

“ The Central Heating Management System was installed in conjunction with my oil boiler. Since then I have noticed a significant saving off my oil consumption. “

*Disclaimer: This case study is for illustrative purposes only and is a unique example of a saving made on the specific property concerned. The CHMS can provide savings of up to 30% (units/kWh) if used correctly. The Magic Thermodynamic Box Ltd does not endorse any savings made in customer testimonials that may exceed 30% as any savings achieved are dependent on lifestyle and usage.