



Central Heating Management System

Ref: 12458



Case Study – Windsor, Berks SL4	
Property:	Detached
Age:	1830 + 1970 addition
Size:	n/a
Construction:	Solid Walls
Insulation:	Loft
Bedrooms:	7 Bedrooms
Reception:	4 Reception Rooms
Glazing:	Double Glazing
EPC Score:	n/a
Installed:	May 2013
Reviewed	April 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: Vented	Pipe Type & Size: Two Pipe	
Boiler Make/Model: Glowworm & Potterton	Fuel: GAS	Age: 10+ years
Wall thermostat: Analogue	No of radiators: Twenty Two	TRVs: < 50%
Programmer: Digital	Additional Heating: Underfloor Heating	

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

RESULTS
The gas energy bills for one year before installation compared to the period of one year after the CHMS was installed, showed a saving of 34% in gas usage. (no variables adjustment)

CUSTOMER COMMENTS
“ The house is built in 2 parts – the old being 180 years, the new built in the 1970s. The old house before the Central Heating Management System was installed was difficult to maintain at a constant temperature. Now it is comfortable throughout the year. We have saved 34% on our fuel costs over the year which is extremely satisfying.”

*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% 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.