



Central Heating Management System

Ref: 12167



Case Study - Hockley, Essex SS5	
Property:	Semi-Detached House
Age:	Built 1950
Size:	86m ²
Construction:	Solid Walls
Insulation:	Loft
Bedrooms:	3 Bedrooms
Reception:	2 Reception Rooms
Glazing:	Double Glazing
EPC Score:	Band D - 56 (2012)
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: Back Boiler , vented	Pipe Type & Size: Two Pipe	
Boiler Make/Model: Baxi Burmuda	Fuel: GAS	Age: 10 year
Wall thermostat: Analogue	No of radiators: Eight	TRVs: < 50%
Programmer: Digital	Port Valve: Spring	

UPGRADED HEATING SYSTEM The installation includes:					
Magic Heating Box:	Y	Dig 3 Channel Programmer:	Y	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 gas energy bills for one year before installation compared to the period of one year after the CHMS was installed, showed a saving of 36%. (subject to normal variables)

CUSTOMER COMMENTS
" The system works well and we are happy with it. We have had no problems of any kind and our gas bill has fallen since the installation by 35%."

*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.