



Central Heating Management System

Ref: 14174



Case Study – Westcliff on Sea, Essex SS0

Property:	Terraced
Age:	Built 1900s
Size:	107m ²
Construction:	Solid Walls
Insulation:	Loft 250mm
Bedrooms:	3 Bedrooms
Reception:	2 Reception Rooms
Glazing:	Double Glazing
EPC Score:	Band D – 62 (2011)
Installed:	November 2013
Reviewed	March 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: Combination	Pipe Type & Size: Two Pipe	
Boiler Make/Model: Alpha TD28	Fuel: GAS	Age: 11 years
Wall thermostat: Analogue	No of radiators: Seven	TRVs: < 50%
Programmer: Digital	Port Valve: n/a	

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):	N	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 November 2012 to January 2013 inclusive before installation compared to similar period November 2013 to January 2014 after the CHMS was installed, showed a saving of 34%.
(No compensation made for environmental or human variables)

*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% (kWh/units) 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.