Your central heating energy efficiency checklist

Completed at your annual service.

Scottish Gas

Your energy experts

The information below shows approximately how much money and CO_2 savings you could make by simple energy efficient home improvements. CO_2 is a greenhouse gas that contributes to climate change – typically a household's energy use creates 6 tonnes CO_2 per year! So making these improvements not only helps you save money on your energy bills but also helps save the environment too.

To find out more about energy efficiency and these home improvements visit **scottishgas.co.uk**, where you can complete an Energy Savers Report that will provide a more personalised illustration of possible savings.

Stored hot water systems, if applicable.

		Typical Savings* up to £ a year	CO_2 Savings* Kg a year
Are the water pipes connected to the cylinder insulated?	Yes ☐ No ☐ N/A ☑	£10/yr	65 kg/yr
Does the hot water cylinder have sufficient* insulation? *spray foam or a jacket thicker than 75mm	Yes ☑ No ☐ N/A ☐	£40/yr	195 kg/yr

Heating controls.

		Typical Savings*	CO_2 Savings*
Does the system have a time control or programmer?	Yes ☑ No ☐	Full heating controls can save up to† £105/yr	530 kg/yr
Does it have thermostatic radiator valves (TRVs)?	Yes ☑ No ☐		
Does it have room thermostat(s) and boiler interlock?+	Yes ☑ No ☐		
Does the hot water cylinder have a thermostat and boiler interlock?+	Yes ☑ No ☐ N/A ☐		

+This ensures the boiler and pump shuts down when heating and/or hot water reach the required temperature. †Assumes upgrading from a room thermostat.

Your boiler efficiency rating:

Typical Savings* when changing to an 'A' rated boiler, including CO_2 Savings* (in kg/yr)#

	kg of CO_2/yr and £ savings/yr	Over 1 year		Over 15 years	
☐ A, B or C	Above 82%	You already have a high efficiency boiler			
☐ D	78% – 82%	£90/yr	450 kg/yr	£1,330	6,800kg
☐ E	74% – 78%	£130/yr	700 kg/yr	£1,960	10,000kg
☑ F	70% – 74%	£180/yr	900 kg/yr	£2,650	13,600kg
☐ High G	60% – 69%	£270/yr	1,400 kg/yr	£4,080	21,000kg
☐ Low G	Below 60%	£430/yr	2,200 kg/yr	£6,450	33,000kg

*All these savings are independently provided by the Energy Saving Trust (October 2008).

#The savings shown are approximate and given as an illustration only. They are based on a natural gas heated semi-detached house with average levels of insulation, 3 bedrooms, using a gas price of 4.03p/kWh. Savings assume measures are made in isolation of each other. Some of the savings can be used to keep your home warmer. The actual annual savings will vary according to the type of appliance, size and age of house. The 15 year figure represents the typical life of a boiler.

The above is the official independent published information. Where we can supply you with the **exact** energy efficiency for **your specific** make and model of boiler we will add it here.

Based on your boiler the estimated running costs (using the most recent Scottish Gas direct debit gas price available and average household consumption) is: £ p.a.

In comparison, an A rated boiler, calculated on the same basis, could save you: £ p.a.

Over 15 yrs an A rated boiler could save you: £

Other possible home improvements:

	Typical Savings* up to £ a year	CO_2 Savings*
Hot water tank jacket	£40	195kg
Solar water heating^	£65-95	325-645kg
Cavity wall insulation	£160	800kg
Loft insulation (new installation to a thickness of 270mm)	£205	1050kg

^Savings vary dependant on what fuel type is replaced.

Getting your home insulated is one of the best steps to making your home energy efficient and saving you money. If you're a Scottish Gas customer you will **receive £50 OFF** cavity wall and loft insulation. If you, or anyone in your household, is in receipt of an income or disability-related benefit or are over 70 you could **get insulation ABSOLUTELY FREE.** Call: **0845 9 717 731**** and quote "HomeCare"

[1]If both wall and loft insulation are installed. Subject to survey. **Phone lines are open 8am-8pm Mon- Fri and 8am-6pm on Sat. Evening and weekend calls cost 7p plus up to 2ppm from a BT Together landline. Mobile and other providers' charges may vary.