

## *The benefits of*

# Heating and Hot Water Systems

## Benefits

Boilers account for around 60% of what you spend in a year on energy bills, so getting an efficient boiler can make a big difference.



**By replacing** an old G-rated boiler with a new high efficiency condensing boiler and improving your heating controls, you will significantly cut your home's carbon dioxide emissions - saving as much as £225 a year.



**Below** are typical savings which can be achieved by replacing boilers with new A-rated condensing models and installing a full set of heating controls:

Old Boiler Rating	Annual Saving (£/yr)	Annual Saving (kgCO <sub>2</sub> /yr)
G (<70%)	£225	1,100
F (70%-74%)	£145	700

## Brief guide to Boiler Types and suitability:

### Combination/Combi condensing boiler:

- Heats water for the taps when you turn the tap on, so you don't need to set a timer to warm water before it can be used
- No need to have a separate hot water tank, so can be space saving
- No heat loss from a hot water tank as it only heats water on demand
- This is ideal if you don't use much hot water each day.

### A combi condensing boiler may not be suitable when:

- The house has low mains pressure
- The house has multiple bathrooms or shower (that isn't electric).

### System or Open Vent condensing boiler:

- Can store hot water in a separate tank, so large amounts of hot water is available if multiple points/taps are in use at one time
- Ideal if you like to use an airing cupboard
- Boiler replacement could be simpler if replacing a like for like system
- Not all home heating systems will be compatible with a combination boiler.

**A qualified installer will tell you which type of condensing boiler - regular or combination - is most suitable for your home.**

**There may be grants and offers available to help you install an energy efficient heating system. Alternatively, contact your local Energy Saving Trust Advice Centre on Tel: 0800 512 012.**

