

BOILERS AND HOTWATER SYSTEMS

There are a number of ways that clubs can engage in saving energy and reduce their energy bills.

It is time to change your boiler?



A significant proportion of energy use in the club house is for heating water, particularly for showers. To provide showers, clubs often use boilers to heat water that is then stored in a large tank, but the efficiency of boilers varies and the losses of heat from tanks can be significant.

If you have an older, low efficiency boiler then you might consider replacing it with an energy efficient condensing boiler. Boilers are provided with energy efficiency ratings and most boilers over the age of 15 years are likely to have an efficiency of less than 70% (old rating G).

Replacing this boiler with a higher efficiency boiler (>88%) can save significant costs and reduce your greenhouse emissions (carbon footprint) significantly.

Did you know that up to 60% of greenhouse gas emissions from gas consumption are associated with boilers?

Depending on the energy rating of the boiler you are replacing and the price of gas, an efficient condensing boiler can have a relatively short pay-back-period, see the Energy Saving Trust's website for details; www.energysavingtrust.org.uk

Are your pipes and tank properly lagged?

Think about the whole hot water system not just the boiler. Is your tank lagged?

It might be time to renew the lagging on your tanks and pipes with modern products to minimise heat loss.

Did you know that lagging loses efficiency over time?

75mm of tank lagging can pay for itself in 6 months*

* Source: www.energysavingtrust.org.uk



Check your water temperature

The other thing is to check that your hot water isn't too hot – 60-65 °C is hot enough to kill harmful bacteria but still scald*. Consult your plumber before making changes because the water needs to be hot enough to prevent Legionella forming.