

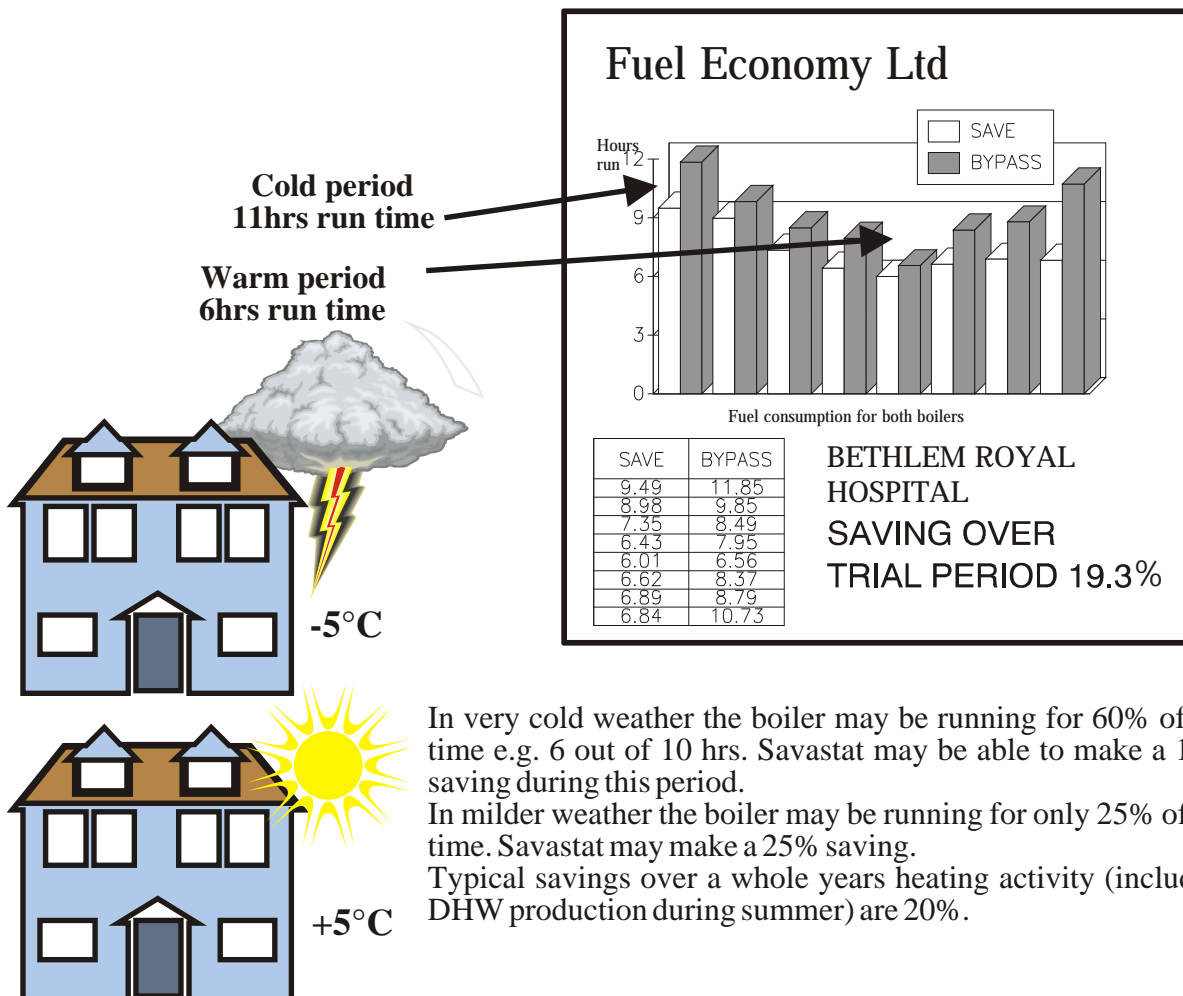
SAVASTAT



Load Compensation Variable Performance

Load compensation as an energy efficiency measure is only able to make economies when the conditions allow. As described elsewhere in these pages the heating system responds to varying conditions or 'load' within a property. These loads are varied mostly by weather changes and use of hot water. The weather influence can be easily seen if the daily boiler activity is recorded. FEL has often produced case studies of various properties. These evaluations have taken place by employing a comparative study. Savastat has been switched in and out of circuit on a daily basis, the times the boiler fires is recorded on a meter and the results compared.

The savings do vary because the conditions vary. In mild weather the heating system is less active. In colder weather the boiler may run for double the time that it runs in the milder weather. Savastats performance varies related to this constantly changing activity.



In very cold weather the boiler may be running for 60% of the time e.g. 6 out of 10 hrs. Savastat may be able to make a 10% saving during this period.

In milder weather the boiler may be running for only 25% of the time. Savastat may make a 25% saving.

Typical savings over a whole years heating activity (including DHW production during summer) are 20%.