



  
raise  
**RAPID**  
**BOIL** 

**CASE STUDY:**  
**MONKSEATON MEDICAL CENTRE (NEWCASTLE)**

Report No: ETMONKS  
Approved by: B McMullen (CEng. MChemE)

## CASE STUDY: MONKSEATON MEDICAL CENTRE (NEWCASTLE)

### KEY INFORMATION

INSTALL DATE: 3rd Feb 2014  
TEST PERIOD: 3 Months

REPORTED SAVING:

14.1%



RAPID BOIL™ was trialled at Monkseaton Medical Centre by NHS Property Services

### INTRODUCTION:

The performance of RAPID BOIL™ was trialled by NHS Property Services at Monkseaton Medical Centre.

Monkseaton Medical Centre is a purpose built medical centre in Whitley Bay, Tyne and Wear. The centre, which serves an area of up to 9000 residents is used by 10 full time staff. The centre is served by a Broag Remeha Quinta 60kW boiler (heating only) with 22 radiators of various size.

2 Litres of RAPID BOIL™ was installed on the 3rd February 2014.

### RESULTS:

Time Period	Usage / Day (kWh)	Degree Day (18.5°C)	Usage / DD
Pre - Installation	18.46	12.63	1.46
Post - Installation	15.51	12.29	1.26

The period immediately before installation was compared with a similar time period after RAPID BOIL™ was installed. It is worth noting that the pre-installation period included 3 bank holidays when the centre was shut. (usage has been compensated for these 3 days)

**Uncompensated Saving - 15.98%**  
**Compensated Saving - 14.13%**