



21st Century
Heating 

CENTRAL HEATING WITHOUT PIPES

www.21stcenturyheating.com

21st Century Heating Electric Central Heating Systems

Data Sheet 3:00 - Running Costs Introduction: Most manufacturers of Electric Heating Products do not provide a guideline of running costs for their customers. The heatloss from a particular room will vary at different times of the day and from day to day, due to the many variables involved. Like other manufacturers, it is impossible for us to state the exact running cost of one of our radiators, factors such as room sizes, wall & floor construction, number of outside walls, electricity tariff, on/off periods, required room temperature, number of occupants, outside air temperature, other heat generating appliances in operation, etc, etc are unknown. As all of these factors are relevant, there are subsequently no two situations the same. However, at 21st Century Heating, we continually strive to exceed market expectations and to prove the efficiency of our products. We believe that we offer the most efficient form of electric heating available and subsequently, we commissioned a leading independent testing company to undertake comparison testing for us between one of our radiators and a leading brand E7 storage heater.

BSRIA is a UK based consultancy, test & research organisation with over 50 years experience in the construction & building industry and one of the most respected organisations of its type in Europe.

What does the test achieve?

The purpose of the test was to prove the difference between 21st Century Heating and traditional electric heating in terms of **temperature stability, control and running costs in an identical situation**. It is not a normal running cost example but is intended to highlight how much more efficient 21st Century Heating is.

Over a 24 hour period, 21st Century Heating provided temperature stability within 0.3°C

The 21st Century Heating radiator used over 59% less electricity than the storage heater over a 24 hour period.

The 21st Century Heating radiator cost over 36.5% less to run than the storage heater for a 24 hour period.

Please read the following files to gain the *REAL* picture : Data 3 :01 BSRIA Test – Detailing the parameters of the test and the findings. Data 3 :02 BSRIA Test – Data conversion to running costs for a normal domestic situation. Data 3 :03 Other test examples showing real running costs in customers' homes. Data 3 :04 Lifetime Costs – Detailing a typical 3 bedroom house & showing comparisons between gas/electric systems. Data 3 :05 Summary of a major report from The Institute of Public Policy Research and the long awaited Energy White Paper. Both heralding the bright future for electricity. *% differences stated are relevant to a normal domestic situation requiring comfort heat between 6am to 9am and 6pm to 11pm.