

Storage Heaters

What are they and how do they work?

Storage Heaters are electrical heating appliances that store heat during off-peak hours (usually overnight), by heating up ceramic brick inside the unit then releasing the stored heat gradually throughout the day.



Benefits

- Through Economy 7 Tariff plan, a household will be charged less for electricity during off-peak hours, which works very well with Storage Heaters as it can help reduce electricity bills
- Suitable for electric flats that have limited upgrade options and cannot be connected to the gas grid
- Relatively energy efficient, as the energy charged up during the night can be stored for use in the day
- Simple design with few moving parts, therefore require little maintenance compared to other heating systems like boilers
- Consistent and even level of warmth over long periods
- May not require ventilation to be installed alongside this measure

Things to consider

- Upgrading to new storage heaters may require trunking and re-wiring to help facilitate the new power and safety requirements of the upgraded heaters
- Might struggle to provide consistent warmth if stored heat isn't enough for that particular day e.g. in an especially cold period
- Heaters will have space requirements, which may be a drawback for smaller homes
- Not ideal for immediate heating, due to the design of gradual release of stored heat throughout the day
- Will need freeholder permission if property is shared ownership

Funding Expectations with Action Surrey

Funded: Surveys, install equipment, labour costs, electrical commissioning. Lodgement with Trustmark.

Not funded: Planning permission applications (for conservation areas or listed buildings). Specific models will not necessarily be funded. Additional requirements should be discussed with installer.

Supported by:



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