

Significant Energy Savings for Heat Battery Installation



Essco Energy recently supplied a Sunamp heat battery to replace a gravity fed system and vented cylinder.

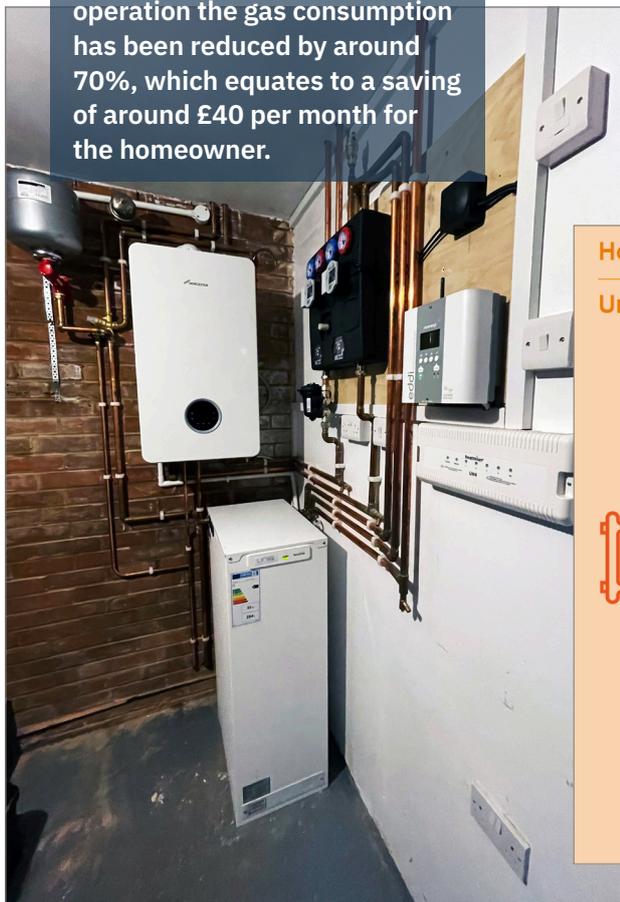
The new heat battery is served by a Solar Diverter (EDDI Panel) as its primary source of energy, fed by a 4kW Solar PV array. The heat battery can also be charged using the Worcester Greenstar 8000 life 30kW system boiler (natural gas) as a backup.

Sunamp
Heat Batteries™

OVERVIEW

- Sunamp UniQ HW 12 +iPV Heat Battery - delivering up to 25l/min of DHW at 55°C (This is the equivalent of a 284 litre DHW cylinder)
- 4kW Solar PV array
- Worcester Greenstar 8000 life 30kW system boiler (natural gas)

In the first 6 months of operation the gas consumption has been reduced by around 70%, which equates to a saving of around £40 per month for the homeowner.

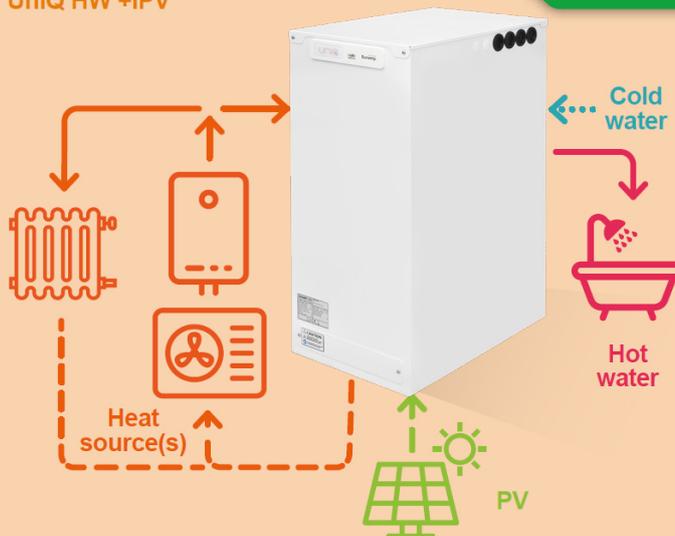


This system feeds five bathrooms (four showers, one bath), one kitchen and one utility room and is more than capable of meeting the demands of this family of four + one dog.

How it works

UniQ HW +iPV

A+ ErP Rating



Call us on **01489 779068** or email projects@esscogroup.co.uk for a quotation or to find out how we can add value to your next project.

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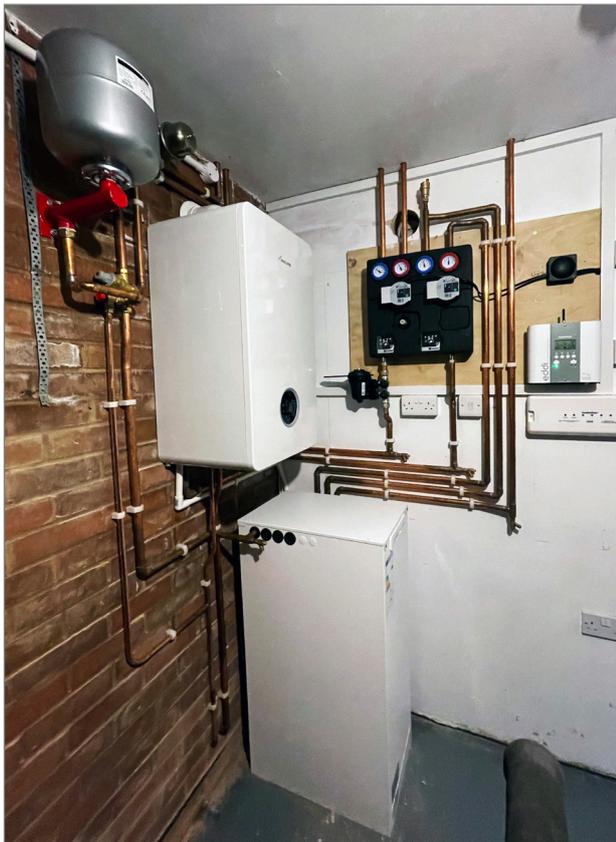


GAS CONSUMPTION REDUCED BY AROUND 70%

Throughout the year, peaking in the summer, the heat battery offers huge savings on gas usage by utilising solar PV charging and coupled with exceptionally low heat losses, makes for an ultra efficient solution.

For this installation, In the first 6 months of operation gas consumption has been reduced by around 70%, which equates to a saving of around £40 per month for the homeowner.

A more detailed report of the energy use, running costs and carbon savings will be provided once the system has been in operation for a full 12 months.



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BENEFITS

- Reduces running costs and cuts carbon emissions by using electricity from Solar PV
- Instant hot water at mains pressure
- Failsafe: backup internal electric heating element
- Extremely low heat losses
- No mandatory annual maintenance check
- Significantly reduced legionella risk
- Quick to fit, meaning lower installation costs
- Space-saving: up to 4 times smaller than the equivalent hot water cylinder
- Modular: easily combined to increase storage capacity
- Reduced Legionella risk due to minimal stored water



Sunamp UniQ Heat Batteries

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