



Cymru

Housing Conference

Sustainability At The Core

- In 2024 Triton was honoured with a King's Award for Enterprise in recognition of our outstanding commitment to Sustainable Development.
- Triton is in the top 15% of companies assessed by EcoVadis - the world's largest provider of business sustainability ratings.
- Putting Triton in the top 4% of domestic appliance manufacturers, ranked by EcoVadis. Core: Environment, Labour & Human Rights, Ethics, and Sustainable Procurement.

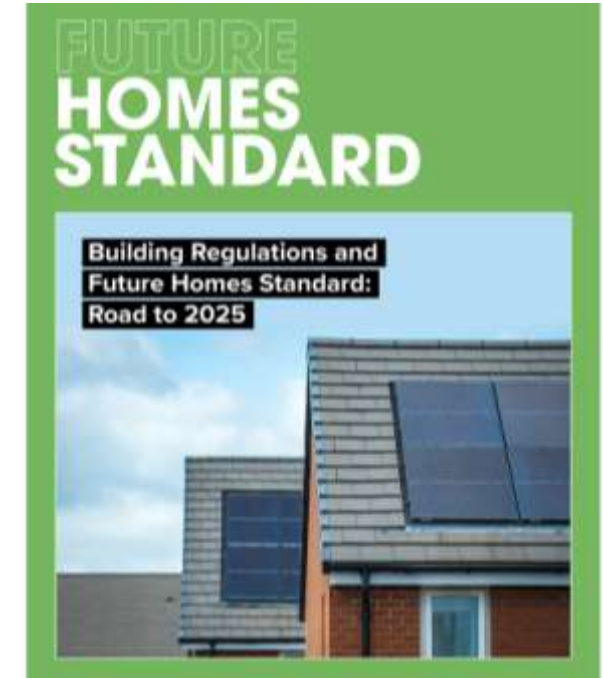
Did you know... The operational carbon footprint savings of ENlight HeatRepeat® (connected to WWHRS) can negate its own embodied carbon footprint (including that of the WWHRS) in as little as three months.



* consistent with the SBTi Corporate Net-Zero Standard (1.5°C aligned pathway).

Future Homes Standard 2025 - Coming Soon

- **Cut carbon by 75%-80% compared to 2013 energy efficiency requirements.**
- Includes a high efficiency heat pump for all new homes (no gas).
- Following the FHS being enforced, all new homes will then be 'zero carbon-ready', meaning that they will be zero carbon once the electricity grid has been decarbonised.
- **Saving homeowners between £200 and £2,120 in energy bills a year.**
- The government is committed to...
 - Lowering bills than typical existing homes bills and making it cheaper for occupants to heat their homes.
 - Good fabric standards – minimise heat loss from windows, walls, floors and roofs
 - High performance standards for domestic hot water storage.
- **WWHRS are growing in popularity – tried and tested cost-effective solution.**



The Government estimates that 300,000 new homes are required per annum, yet last year a total of 198,000 new homes were built (estimated 165,000 2024)

Benefits of Electric Showers

- **Deliver instant hot water – heat water on demand, reducing energy waste.**
- **Lower energy consumption** – only heat the water they use, meaning they can be more efficient than heating a full tank.
- **No hot water storage loss** – traditional systems lose heat from stored hot water, but electric showers eliminate this issue.
- **Allows the specification of a smaller hot water cylinder – a key consideration when using heat pumps where 200-litre capacity is now commonplace.**
- **Work independently** - don't rely on a home's heating system, making them ideal for households with varying hot water needs.
- **Lower environmental impact - reduce carbon emissions due to optimising water and energy use.**
- **Part L - Electric showers outperform mixer showers in key SAP metrics: Dwelling Emissions Rate (DER) and Dwelling Primary Energy Rate (DPER).**
- **Part G - Electric showers use significantly less water enabling housebuilders to build dwellings below 100 litres per person per day.**



Triton Innovation

Triton continues to develop and innovate to drive growth in the electric showering market.

- DuElec® - Dual-outlet showering experience.
- Contemporary aesthetics.

ENVi® Next Generation Electric Shower

- **Removing the traditional “white box on the wall” aesthetic.**
- Hi-tech touchscreen user interface for the ultimate in showering control.
- **User personalisation of the shower including ECO settings.**
- Choice of installation options, colours and finishes.



ENVi®
Next generation electric showers





For a cleaner conscience



**PATENTED HIGH-EFFICIENCY MODULATING
ELECTRIC SHOWER FEATURING HEATREPEAT®
TECHNOLOGY**

Cost-effective water & energy compliance with
Building Regulations, while achieving customer
satisfaction.



Product Features:

- Stylish design with sleek feedback panel.
- Feedback panel:
 - Shower Temperature – turn the dial for your perfect shower.
 - Shower Timer – with light bar to encourage sustainable behaviour.
 - HeatRepeat® logo – confirms when WWHRS is working.
- Tri-Protect Thermostatic performance - delivers a safe consistent showering temperature.
- ECO Mode – to start a 5-minute shower.
- Installation kit options:
 - Back-to-wall riser rail with handset.
 - Space saving UNIQ® overhead shower.

**MADE IN
BRITAIN** 



ECO Mode
5 min shower



HeatRepeat Mode
Inlet > 20°C

Product Overview:

- Triton's first electric shower compatible with WWHRS.
- Patented HeatRepeat® technology modulates the shower's power accounting for the increase in incoming water temperature, heated for free, by the WWHRS.
- Reduces energy by up to 51%.*
- Reduces demand on the grid at peak times.
- Delivers enhanced water and energy savings.
- Supports compliance with Building Regulations.
- Customer satisfaction – delivers an improved shower performance all year round.

**MADE IN
BRITAIN** 



* Compared to a standard 8 l/min mixer shower connected to a WWHRS.

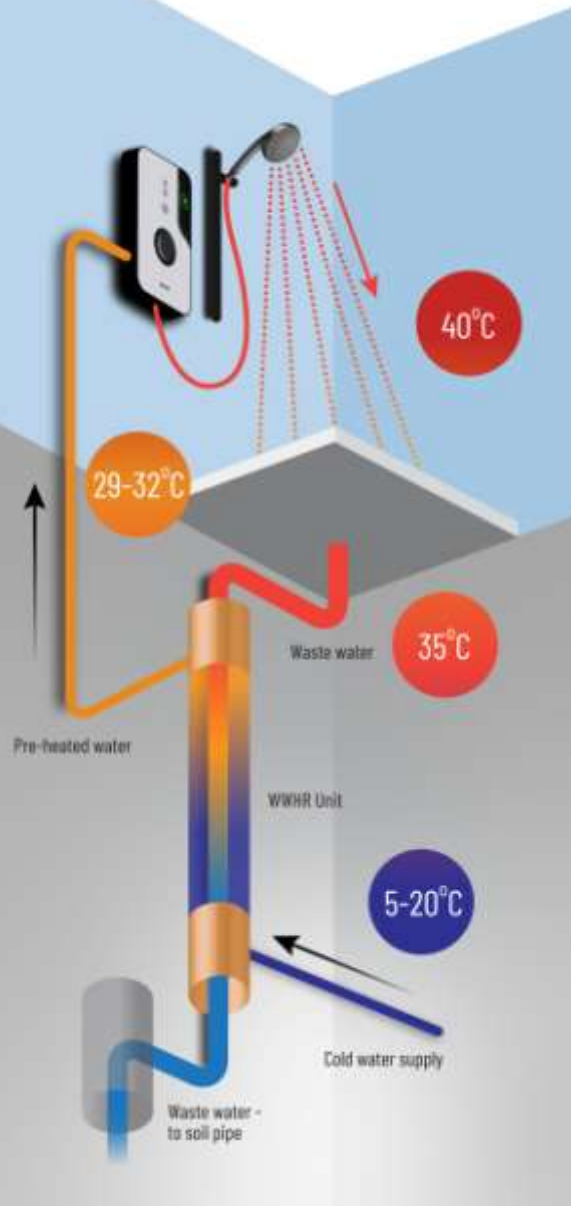
WWHRS x Electric Showers

WWHRS is a simple heat recovery technology that captures the otherwise wasted energy (heat) from the shower wastewater to preheat the incoming cold water to the shower (and/or water heater). When ENlight® HeatRepeat® is connected to a WWHRS it can save up to 51% in annual energy use compared to a mixer shower.¹

Reducing hot water demand lowers CO₂ emissions and reduces household energy bills every time the shower is used.

WWHRS typically have no moving parts and no power – so are promoted as ‘fit and forget’, working silently in the background without the need for turning on or off, or any maintenance.

WWHRS are available in horizontal or vertical designs with efficiency ratings ranging from 65.9% (Zypho Slim50) to 79.8% (Showersave QB1-21XE) at 5 l/min.²



¹ Comparison of ENlight® HeatRepeat® vs a standard 8 l/min mixer shower – both connected to Showersave's QB1-21XE WWHRS

² Data taken from NCM PCDB

Annual Savings: Mixer vs Electric / HeatRepeat®



Shower Type	Water litres	Energy kWh	Carbon kg CO2e	Running Cost £
8 l/min Mixer Shower	68,085	3,033	669	532
9.0kW Standard Electric shower	35,960	1,211	346	527
Electric Savings vs Mixer	47%	60%	48%	£5

- Electric showers perform better than mixer showers in key metrics: water, energy, carbon and running costs.



8 l/min Mixer Shower & WWHRS	68,085	1,305	301	411
8.7kW ENlight® HeatRepeat® & WWHRS	37,887	644	190	382
HeatRepeat® Savings vs Mixer & WWHRS	44%	51%	37%	£29

- Enlight ® HeatRepeat® connected to WWHRS delivers increased savings.



HeatRepeat® Savings vs Mixer	44%	79%	72%	£150
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*Savings of low-carbon technologies such as ASHPs and electric showers are currently not seen by consumers due to the high electricity prices compared to gas. We are lobbying Government to consider rebalancing levies on electricity and gas to encourage consumers to switch to low carbon technologies, which typically use electricity. Calculations are based on 3 people, 1 shower per day, 7.5 minutes, 40°C shower temperature, 12°C incoming cold-water temperature. Gas combi-boiler ref. Number have been rounded. Copy of SKU-level showering calculator 14.00 (May 2025)

Annual Savings: Electric vs HeatRepeat®



Shower Type	Water litres	Energy kWh	Carbon kg CO2e	Running Cost £
9.0kW Standard Electric shower	35,960	1,211	346	527
8.7kW ENlight® HeatRepeat® x WWHRS	37,887	644	190	382
HeatRepeat® vs Electric Savings	(5)%	47%	45%	£145

- HeatRepeat® offers additional energy, carbon and operational savings.
- While providing an improved and more consistent shower experience - all year round.

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ANY QUESTIONS

**PLEASE COME AND SEE US TO FIND OUT
MORE**

ABOUT ENVI & ENLIGHT HEAT REPEAT