

ENlight®



High-Efficiency Modulating Electric Shower

Designed to work with Waste Water Heat Recovery Systems



TRITON



ENlight® HeatRepeat®

Triton is well-positioned to assist housebuilders in achieving compliance with its latest innovation - the ENlight® thermostatic electric shower, featuring patented HeatRepeat® technology.

This groundbreaking design marks our first electric shower compatible with Waste Water Heat Recovery Systems (WWHRS), representing a significant leap forward in sustainable showering solutions.

When paired with a WWHRS, ENlight® HeatRepeat® can reduce annual energy consumption by up to 51% compared to a mixer shower, connected to a WWHRS.

ENlight® HeatRepeat® Electric Shower connected to Waste Water Heat Recovery System (WWHRS)

ENlight® HeatRepeat® is specifically designed to connect with Waste Water Heat Recovery Systems (WWHRS), significantly reducing energy demand while delivering an improved and more consistent shower experience year-round.

WWHR is a simple heat recovery technology that captures the otherwise unused heat energy from the shower wastewater to preheat the incoming cold water to the electric shower.

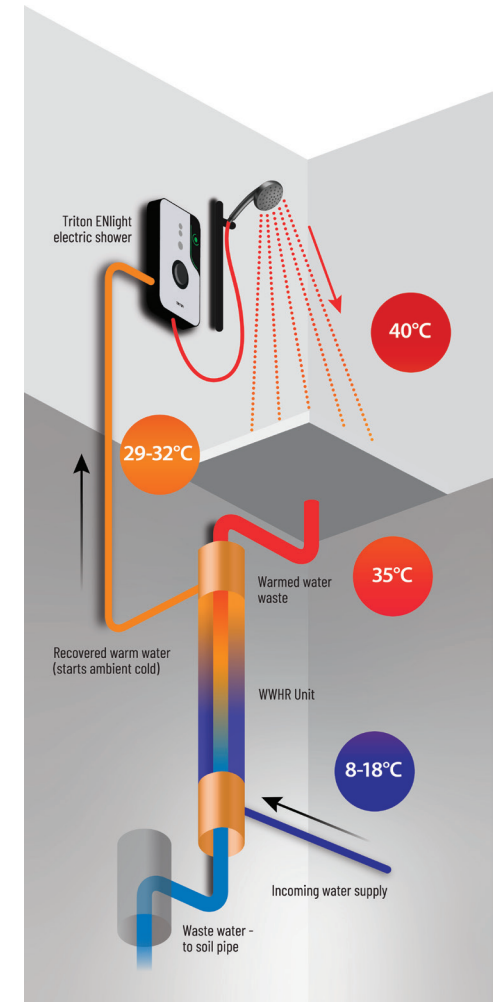
HeatRepeat® technology inside ENlight® modulates the power based on the temperature of the preheated water supplied by the WWHRS, significantly improving energy efficiency.

How it works:

1. ENlight® electric shower is turned on, and instantly begins heating the incoming water.
2. The shower spray temperature is typically around 40°C.
3. The waste water exits through the drain at around 35°C.
4. The WWHRS recycles heat energy from the wastewater to preheat the incoming cold mains water.
5. HeatRepeat® technology monitors the incoming water temperature to the electric shower, modulating the power to optimise energy consumption and performance.

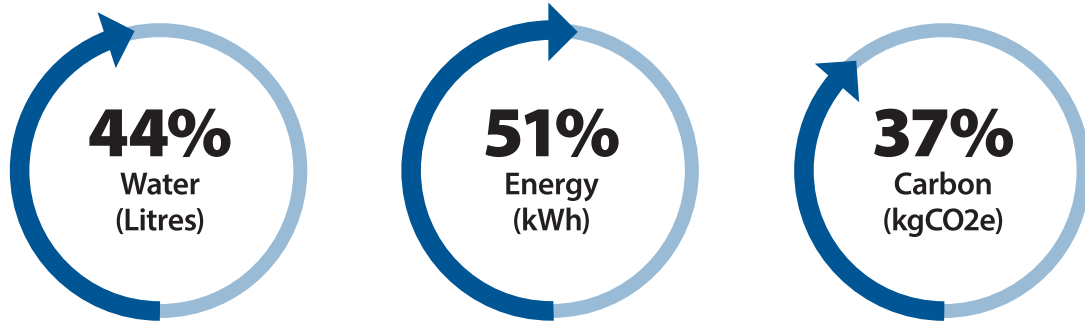
Reducing energy consumption during showering supports compliance with Part L of the Building Regulations, lowering carbon emissions and running costs. Beyond energy efficiency, all of Triton's electric showers support compliance with Part G (Water Efficiency) delivering a great showering experience at an average flow rate of 5 l/min.

Together, these innovations create one of the most efficient and enjoyable showering solutions available.



Savings

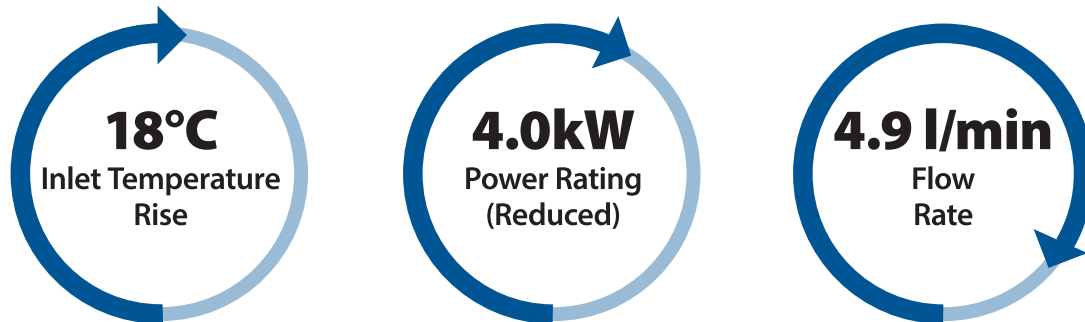
By capturing otherwise unused energy from the shower waste water to preheat incoming cold water to the electric shower, ENlight® HeatRepeat® can provide significant reductions in water, energy and carbon emissions, resulting in lower running costs for the homeowner.



Savings are up to, when compared to an 8 l/min mixer shower connected to a WWHRs.

Optimised Performance

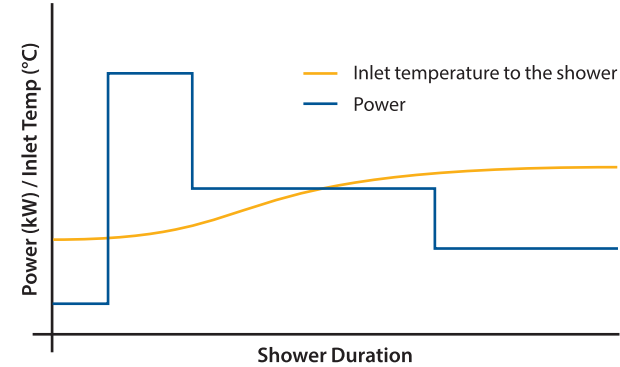
HeatRepeat® technology inside ENlight® enhances performance, delivering greater efficiency and a superior showering experience.



Figures are annual averages based on laboratory testing.

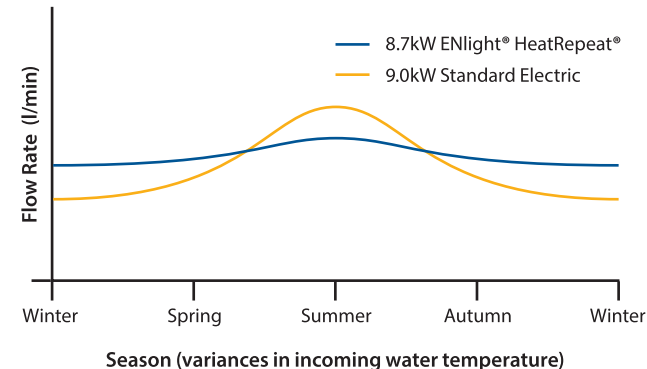
Why Choose ENlight® HeatRepeat®

Shower Performance Characteristics



As the inlet temperature rises, HeatRepeat® technology reduces the power to optimise efficiency.

Flow Rate Characteristics



HeatRepeat® technology delivers an improved, consistent shower experience all year round.

Part L Compliance

Electric showers outperform mixer showers in key SAP metrics: Dwelling Emissions Rate (DER) and Dwelling Primary Energy Rate (DPER).

Part G Compliance

Electric showers use significantly less water, enabling housebuilders to build dwellings below 100 l/p/d.

Lower environmental impact

Reduced carbon emissions due to optimising water and energy use.

Allows the specification of a smaller hot water cylinder

A key consideration when using heat pumps.

Delivers instant hot water without heat losses

Provides a continuous, unlimited supply of hot water, minimising stored heat loss.

Independent hot water supply

Electric showers operate separately, ensuring hot water availability even if the heating system fails.

Widely adopted

Electric showers remain a popular choice for UK homes, due to their convenience and reliability.

Lower household bills

By recycling heat energy from the WWHRs, HeatRepeat® technology can reduce household bills by up to £150 a year, compared to a mixer shower.



Heater Button

Turns the heating element On/Off

Shower Temperature

Eco Button

To run the shower for 3 or 5 minutes

Eco Mode LED Indicator

Heat Recovery LED Indicator

Start/Stop Button

Shows shower duration

Temperature Selector

Model Specification

Temperature Stability	Thermostatic Tri-Protect®
Power Rating	Max. 8.7kW (240V)
Colour	Matt white and Black
Dimensions	H:360mm W:219mm D:108mm
Controls	Soft press buttons, eco mode acts as a start/stop button, heater On/Off button
Visual Indicators (OLED Display)	Power on, outlet temperature display, Heat Recovery indicator, timer light bar, fault indicator
Inlet Connection	15mm male compression and push-fit
Water Entry Points	Top, bottom, back (right hand side unit)
Cable Entry Points	Top, bottom, back (right hand side unit)
Outlet Connection	½" BSP Plumbing system
Compatibility Mains Pressure	Cold water via a WWHRs
Water Delivery	Handset or Overhead
Minimum Running Pressure/Flow	1 Bar @ 8 l/min
Maximum Static Pressure	10 Bar
Approvals	BEAB, CE, UKCA, BSI Kitemark
Guarantee	2 years (parts and labour)



UNIQ® Kit
Thermostatic Electric Shower
GEEHRU81



Back To Wall Kit
Thermostatic Electric Shower
GEEHRB81



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