

# ENlight®



High-Efficiency Modulating Electric Shower with HeatRepeat® Technology.  
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 Wastewater 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.

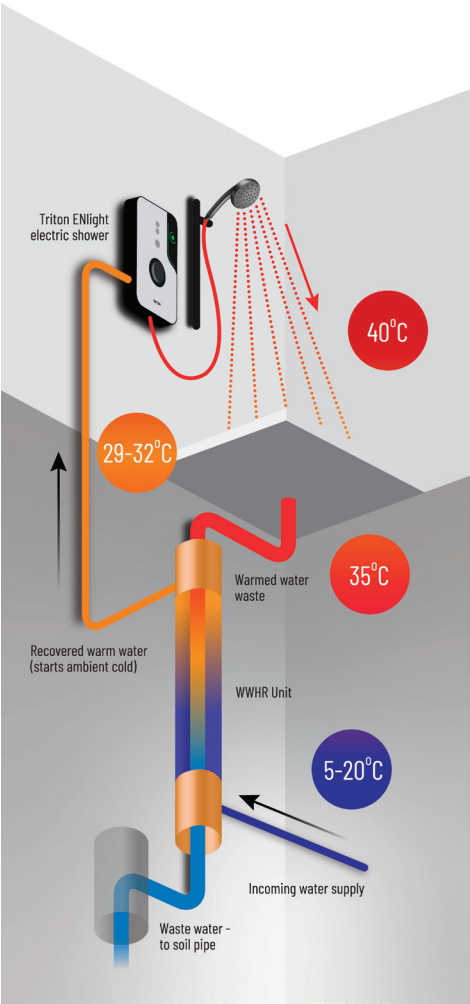
HeatRepeat® technology inside ENlight® modulates the power based on the temperature of the preheated water supplied by the WWHRs, significantly improving energy efficiency.

### 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.

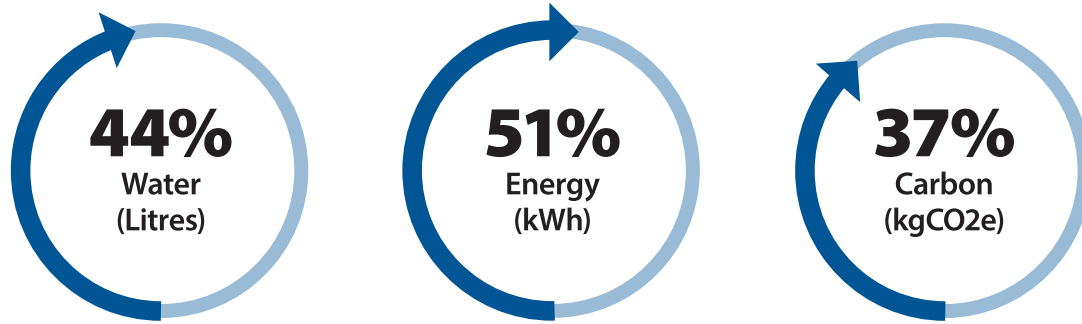
Reducing energy consumption during showering supports compliance with Part L of the Building Regulations, lowering carbon emissions and running costs. Beyond energy efficiency, all of Triton's electric showers support compliance with Part G (Water Efficiency) delivering a great showering experience at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

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



## Savings

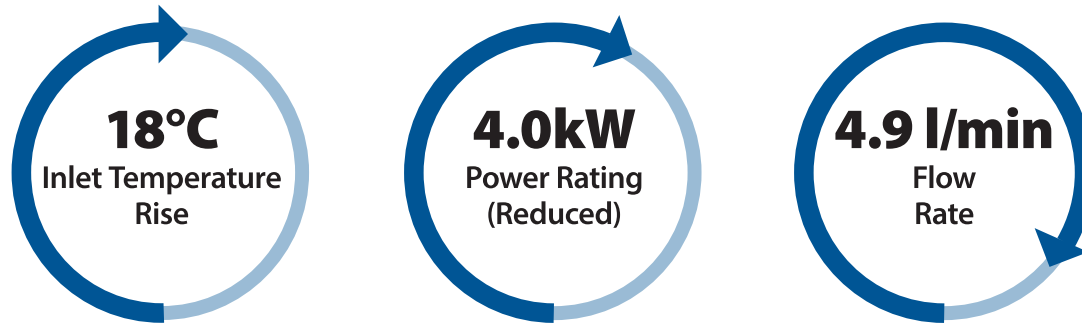
By capturing otherwise unused energy from the shower wastewater to preheat incoming cold water to the electric shower, ENlight® HeatRepeat® can provide significant reductions in water, energy and carbon emissions, resulting in lower running costs for the homeowner.



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

## Optimised Performance

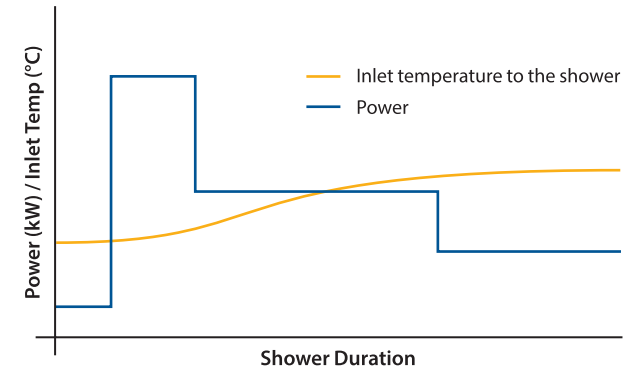
HeatRepeat® technology inside ENlight® enhances performance, delivering greater efficiency and a superior showering experience.



Figures are annual averages based on laboratory testing.

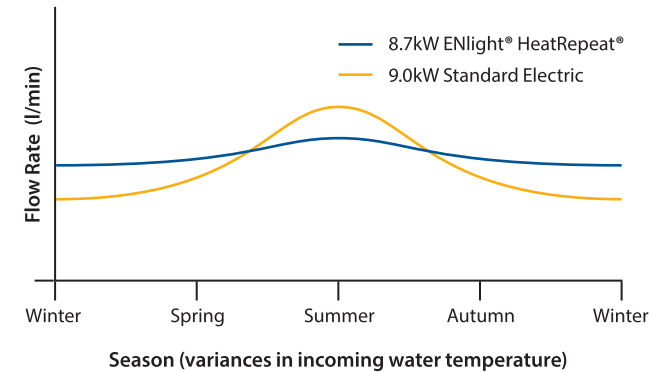
## Why Choose ENlight® HeatRepeat®

### 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.





## Model Specification

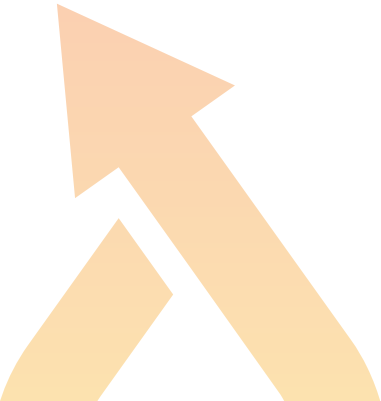
Temperature Stability	Thermostatic Tri-Protect®
Power Rating	Max. 8.7kW (240V)
Colour	Matt white and Black
Dimensions	H:360mm W:219mm D:108mm
Controls	Soft press buttons, eco mode acts as a start/stop button, heater On/Off button
Visual Indicators (OLED Display)	Power on, outlet temperature display, 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)



**UNI-Q Kit**  
Thermostatic Electric Shower  
GEEHRU81



**Back To Wall Kit**  
Thermostatic Electric Shower  
GEEHRB81





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