

# Next-Gen Shower.

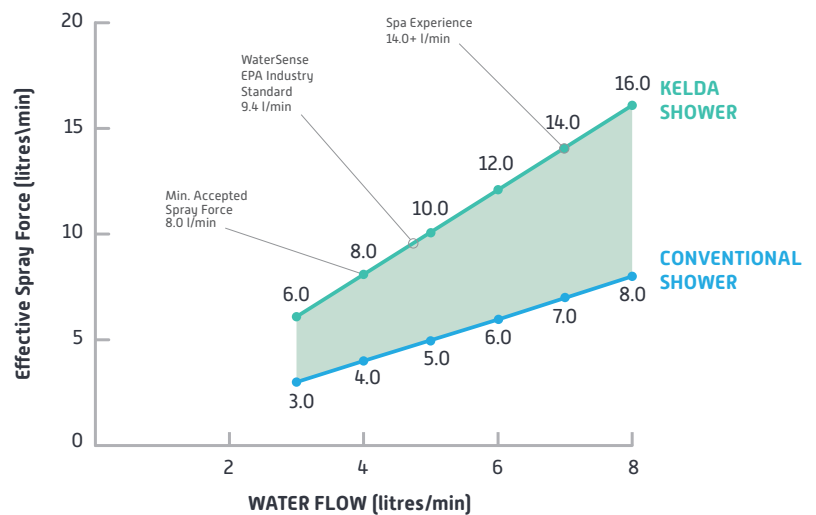
Unlike any other model, Kelda's innovative shower system can deliver an invigorating shower experience while offering substantial water and energy savings. Less Water = Less Energy = Less Cost

With well-being and economy intrinsically linked, Kelda's Triple-E Technology (Experience, Efficiency & Ecology) works with you to save water for the good of your business, your customers and the planet.

## Features:

- Innovative water saving shower system
- Powerful shower experience
- Twice the effective spray force
- Patented water-in-air technology
- SMART data monitoring/logger
- Ideal for low water pressure sites
- 2 Years manufacturer's guarantee
- Hassle-free maintenance

## Effective Spray Force:



## Comparison Table (site with 20 showers):

	CONVENTIONAL SHOWER	KELDA SHOWER SYSTEM		
	WaterSense EPA Industry Standard Spray Force	Min. Accepted Spray Substantial Water Saving	Industry Spray Force Considerable Water Saving	Powerful Spray Force Impressive Water Saving
Flow Rate / Effective Spray Force:	9.4 l/m	4.0 l/m	5.0 l/m	6.0 l/m
Effective Spray Force:	9.4 l/m	8.0 l/m	10.0 l/m	12.0 l/m
Water Consumption / Year:	3,454,360 litres	1,460,000 litres	1,825,000 litres	2,190,000 litres
Water Costs / Year:	£12,971	£5,482	£6,853	£8,223
Energy Costs / Year:	£4,084	£1,791	£2,223	£2,654
CO2 Emissions / Year (Water & Energy):	27.9 Tonnes CO2	12.0 Tonnes CO2	15.0 Tonnes CO2	17.9 Tonnes CO2
Running Cost / Year (Water & Energy):	£17,055	£7,274	£9,076	£10,878
Installation Cost:	£4,500	£8,980	£8,980	£8,980
ROI (Payback Period):		5.5 Months	6.8 Months	8.8 Months
Running Cost Savings (Water & Energy):		57.4% Savings	46.8% Savings	36.2% Savings
Cars Off The Road / Year (CO2 Savings):		11 Cars	9 Cars	7 Cars

### References:

- [1] Embodied Carbon savings from the consumption of potable Water (Supply+Waste). Source: Water "Conversion factors 2016 - Full set (for advanced users)". Available from: <https://www.gov.uk/government/publications/greenhouse-gas-reporting-conversion-factors-2016>
- [2] Operational carbon savings from DHW energy reduction
- [3] Water supply & sewage costs are based upon <https://www.southernwater.co.uk/our-charges> (1 April 2018 to 31 March 2019)
- [4] Energy tariffs are based upon average gas and electricity prices (p/kWh) <https://www.britishtgas.co.uk/energy/guides/average-bill.html> (March 2018)
- [5] Average Shower duration - UK sustainability shower study - <https://www.unilever.co.uk/news/press-releases/2011/uk-sustainable-shower-study.html>
- [6] Average standard shower heads use 2.5 US gallons of water per minute (gpm). This is equivalent to 9.46353 litres per minute (lpm) <https://www.epa.gov/watersense/showerheads>
- [7] Community Swimming pool dimensions L25m x W11m x D1.2m (shallow end) rising to D1.8m (deep end) = 412m³ = 412,000 litres. <https://www.swimming.org/poolfinder/pools/1004003/Southampton/Totton+Health+And+Leisure/>
- [8] Government Forestry Commission report states that trees in Kielder Forest absorb 2 kg of CO2 per year on average. And this report recommends planting 2,500 trees per hectare of woodland. [https://www.forestry.gov.uk/pdf/6\\_planting\\_more\\_trees.pdf/\\$file/6\\_planting\\_more\\_trees.pdf](https://www.forestry.gov.uk/pdf/6_planting_more_trees.pdf/$file/6_planting_more_trees.pdf)

# A Perfect Fit.

Our innovative shower system has been designed to provide hassle-free maintenance for facilities and organisations.

## E3 Shower Head:



All Kelda shower heads feature our unique single mode spray plate with fixed spray and no moving parts, meaning water can't become trapped which significantly reduces the risk of water stagnation, bacterial growth and the spread of infection.

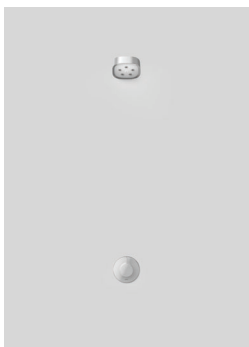
## The Control Hub:



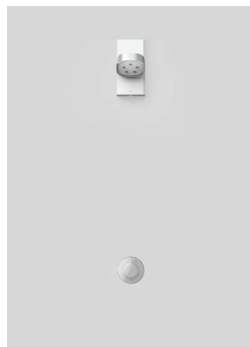
At the heart is our revolutionary SMART Control Hub housing Kelda's world leading innovative technology. Inside is a digital microprocessor and high speed fan that controls and propels the optimum flow of water and air to our patented shower head.

## Installation:

Our E3 shower head and Control Hub can be easily installed within a service void (above or behind) the shower cubicle, or if neither is present, surface mounted within the shower.



• Rear Access Void



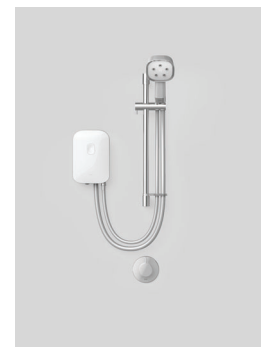
• Ceiling Void



• Handset (Rear Access Void)



• Panel (In-Shower)



• Handset (In-Shower)