

Deluxe Shower Panel



Air-Powered™ Shower Guide



www.keldashowers.com



SUSTAINABLE SHOWERING



Conventional 'aerating' showers use old fashioned principles to restrict water flow and draw atmospheric air into the water through a small hole in the shower head to try and change the 'feel' of the shower, but this has no measurable boost in force or performance (regardless of flow rate) and can result in a disappointing and lacklustre experience.

In contrast, Kelda's patented Air-Powered™ showers use cutting-edge aerospace and automotive technology. Each shower features a powerful fan and intelligent microprocessor to control the delivery of water and air to the shower head. Within the shower head, water is injected into a high-velocity air stream where it is broken up into 100s of droplets that are 250% bigger than can be found in a standard shower. Bigger droplets yield larger momentum which provide the sensation and benefits of more spray force but uses less water and energy.

KELDA AIR-POWERED™ SHOWER

Our Deluxe Shower Panel features a flexible head shower, thermostatic mixing valve and hand shower for everyday showering needs.

Easy-clean.

White glass fascia.

Flexible Head Shower.

Array of 12 Patented MACRO-Jet™ nozzles. Adjustable shower head rotates from 15° - 45° for increased spray control.

Hand Shower.

Ergonomic "wand" design is light and flexible providing precise control.

Sleek design.

2-way diverter valve controls flow to the overhead shower or hand shower.

Easy-fit.

Designed with 150 mm pipe centres to replace standard bar mixer. Power cable can be fed from above or behind shower area.

Thermostatic mixer.

TMV2 approved. Ensures safe hot water delivery. Instantly shuts off in the event of a cold water supply failure.

Shower Hose.

Elegant chrome effect shower hose. Length 1500 mm.

* The Deluxe Shower Panel is featured above with hand shower. It can be purchased without hand shower for commercial installations.

PRODUCT VERIFICATION

Energy Saving Trust have verified our product performance to ensure our energy saving claims are valid and our product meets the highest performance standards.

Verified savings:

Replacing your conventional mixer shower with a Kelda Air-Powered™ shower can...

- Save around £465 in water and energy bills every year.
- Save 69,800 litres of water every year. This is equivalent to running around 872 baths.
- Save 2,200 kWh of energy per year. This is equivalent to a 55% reduction in household energy, or boiling a kettle 20,000 times.
- Save annual energy carbon emissions by about 10% (540 kgCO₂e). This is equivalent to driving 1,900 miles.



Note. Savings are based on a family of four.. Water is heated by gas boiler of average stock efficiency. Cost of gas 10.3 p/kWh, cost of electric 33.1 p/kWh. Combined water and sewerage price of 261 p/m³.

BENEFITS



Flex™ Shower Head

Kelda's Flex™ head shower features an array of 12 patented MACRO-Jet™ nozzles to create a perfect spray coverage. The head shower can be adjusted up to 30° to provide increased control over direction.



Safe Temperature Control

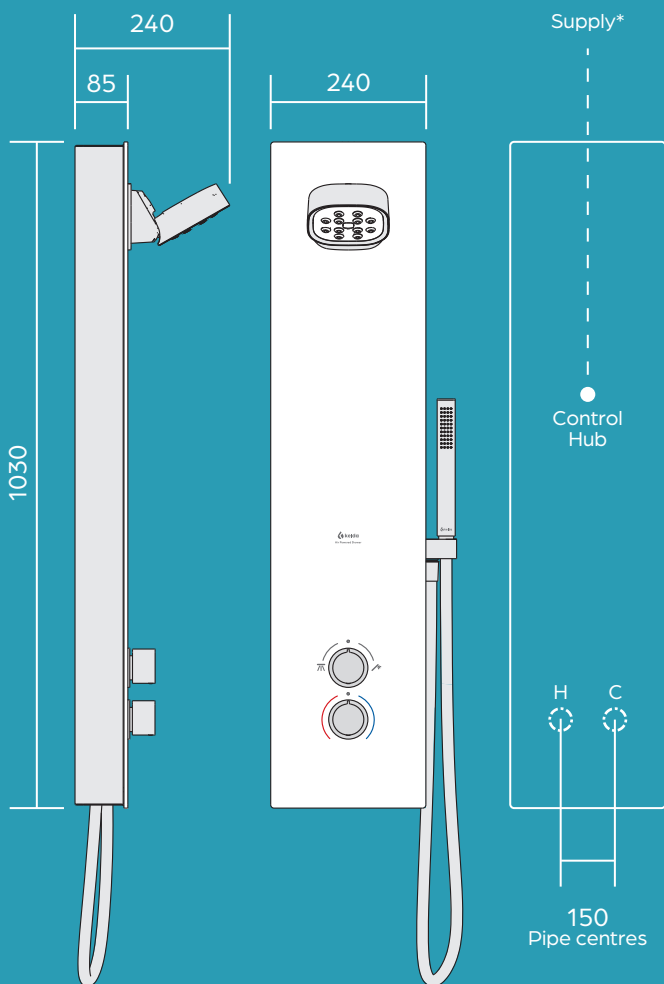
Kelda SafeTemp™ technology features a TMV2 approved thermostatic mixer that delivers constant safe hot water that instantly shuts off in the event of a cold water supply failure.



Ergonomic Hand Shower

With its ergonomic wand design the handset is light and flexible providing precise control. The wand can also be used to clean the shower area after use.

DIMENSIONS (mm)



* Install a 3A switched fused spur to an open air space, ideally above the shower (loft space) or behind (airing cupboard) for the transformer, then to shower panel.

FREQUENTLY ASKED QUESTIONS

Can I have a Kelda Air-Powered™ shower?

Air-Powered™ showers are the perfect solution for any bathroom or en-suite. The stylish and flexible panel design can be simply wall-mounted using just four screws making it ideal for retrofit or new/renovation projects.

What are the installation requirements?

Air-Powered™ showers require a minimum water pressure of 1.0 bar, hot and cold water supply (150mm centres), and electrical connection to the shower installation point.

Installation requires both plumbing and electrical work. As with any shower, Kelda recommends that all work is carried out by a competent qualified person in line with building regulations.

Are they eco-friendly and how much does it cost to run?

Kelda's innovative showers incorporate Air-Powered™ technology meaning they use around 50% less water than a standard mixer shower. Using less water means less energy (hot water) and therefore fewer carbon emissions.

Kelda showers are not only kinder to the planet but they can help lower bills too. It is estimated that a Kelda shower could save a family £465 per year in water and energy costs, compared to a conventional mixer shower.

How do thermostatic showers work?

A thermostatic shower features a thermostatic valve that mixes both hot and cold water together to a consistent and predetermined temperature. By doing so, this prevents scalding and cold shock which makes it extremely well-suited to multi-generational families.

For added safety all Kelda showers feature a TMV2 approved thermostatic mixing valve so you can be assured of the highest levels of quality.

How easy are they to clean?

Kelda's nozzles are much larger than standard nozzles therefore are less likely to become blocked by limescale. That said, water hardness can vary significantly by region so routine cleaning is always advised.

To clean the shower Kelda recommends using a soft clean cloth (using only mild detergents if necessary).

Air-Powered™ OVERVIEW

Product Main Features:

- Kelda patented Air-Powered™ technology
- Unified Water Label: A-rated efficiency
- Easy-clean white glass fascia
- Thermostatic mixing valve (TMV2 rated)
- 2-way diverter to control head shower and hand shower
- Head shower 125 mm:
- 5 litres per minute flow rate
- Kelda Air-Powered™ spray pattern
- Flex head can be angled from 15° - 45°
- 1 Spray pattern - Air-Powered™
- Hand shower:
- 5 litres per minute flow rate
- Ergonomic wand design
- Chrome-effect shower hose 1500 mm
- Connections - 15mm or 1/2" BSP (150mm centres)
- Requires separate hot and cold feed
- Recommended pressure: 1.0 bar - 5.0 bar
- Suitable for use with combination boiler systems
- Supply voltage: 200 - 240 VAC
- Supply rating: 3 Amp fused spur
- IP67 Transformer: LPV150W-36 VDC
- Maximum power: 75 W
- Complies to BS EN 1111:2017 and BS EN1287:2017
- 2 Year Guarantee
- Weight: 11.7 Kg
- Part No. 93008005

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