

Kelda Panel In-Shower System

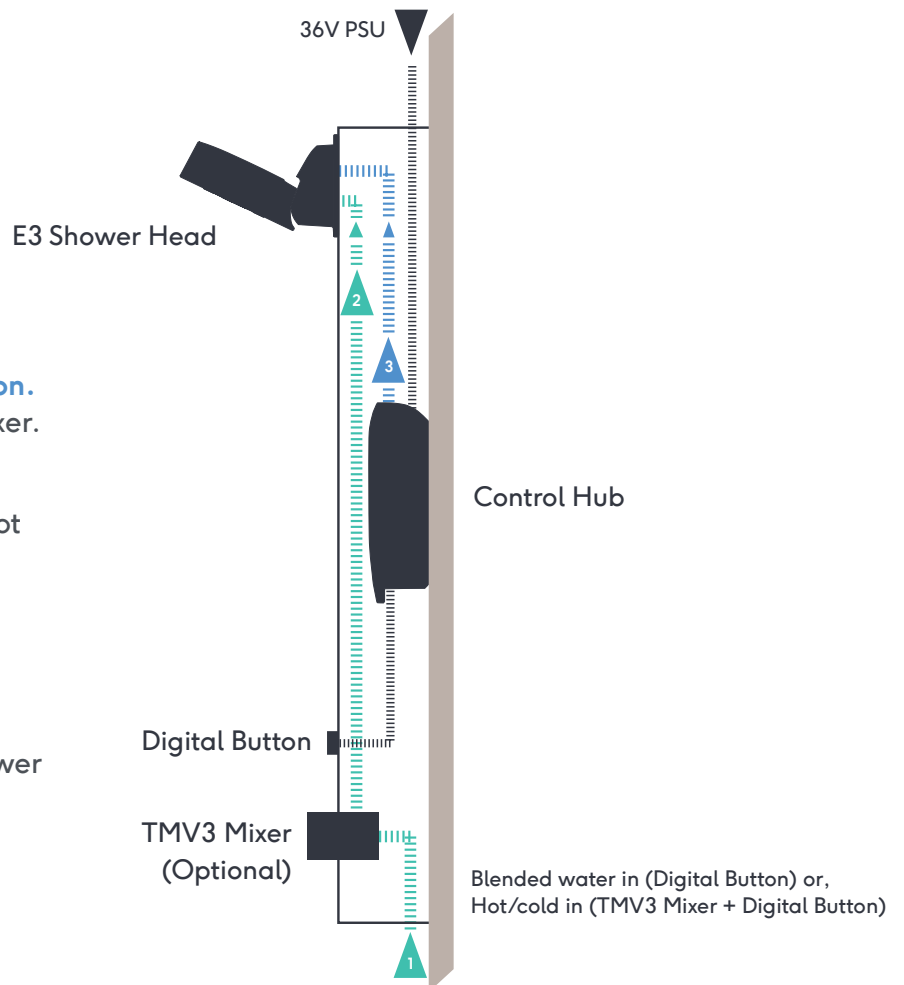
The technology behind the shower:

Step 1 - TMV3 Mixer + Digital Button.
Hot/cold supply water to TMV3 mixer.

Step 1 - Digital Button Only.
Blended water to solenoid valve (not shown).

Step 2.
Blended water to shower head.

Step 3.
Air supply from Control Hub to shower head.



Features

- Triple-E Technology can be tailored to meet business goals: Experience, Efficiency or Ecology.
- Can deliver 2.4 times the power of a traditional shower, for any given flow rate; or provide an invigorating shower experience, using up to 50% less water.
- Pre-plumbed panel shower with top, bottom or back water feed.
- Compatible with new or existing TMV3 mixer or timed flow shower control.
- Programmable digital timed flow button: 30, 45, 60 or 90 seconds.
- Available with selected flow regulators to limit water flow rate; from 3.5 - 7.0 l/min
- Shower Monitoring Analysis & Reporting Technology (SMART). Control Hub can monitor water flow rate, consumption and operation cycle for data validation and management.

A perfect fit

For facilities where water economy is a prime requirement. Designed for upgrading surface mounted shower installations, where no void is present, and no tiles or walls need to be chased.

Overview

Features an intelligent Control Hub incorporating a digital microprocessor and fan that controls and propels the optimum flow of water and air to the patented shower head. Within the innovative shower head, water is injected into the air and accelerated out of one of 5 jet-type nozzles. Each shower can be tailored to:

- 1) deliver 2.4 times the power of a traditional shower, for any given flow rate; or
- 2) provide an invigorating shower experience, using up to 50% less water.

Installation and maintenance

Quick and easy to install within the shower cubicle. Service is easy as all components that require routine test and maintenance are readily accessible.

Operation

Kelda showers are compatible with existing mixer valves. TMV3 rating is recommended.

Benefits

By installing Kelda Technology shower systems facilities will typically cut water consumption by 50% which halves your water. Supply and disposal of water is also halved meaning less impact on local water infrastructure. Water heating is halved which generates savings not only in energy usage but in the size, capital cost and maintenance of your heating system.

Power

Extremely energy efficient: 75W in operation, 5W in standby. Requires 100-240V 50/60Hz supply.

Water supply

Blended water supply is fed via a single or group TMV3 mixer valve/control. Inlet water connection is 1/2" BSP.

Materials

Shower panel: Stainless steel

Shower head: Chromed plated plastic

Water path materials: WRAS approved

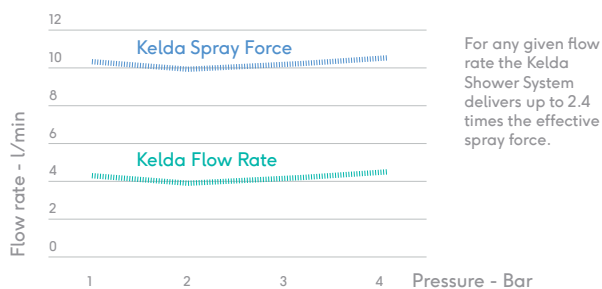
Operating pressures

Working pressure 1 bar – 4 bar. Perfect for low water pressure environments.

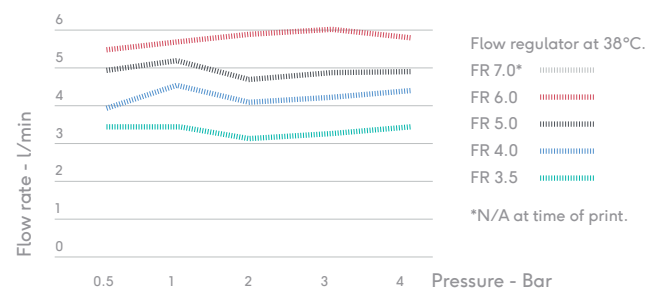
Flow rates

Choice of flow regulators: 3.5, 4.0, 5.0, 6.0 and 7.0 l/min.

Effective spray force



Flow diagram



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