

L Shaped Thermostatic Shower

INSTALLATION GUIDE & AFTERCARE INFORMATION



ENKI®

Instructions for T28

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Introduction

This owner's guide shows you how to install, maintain and generally get the most from your I-shaped thermostatic shower valve. Please retain this document for future reference. ***We recommend installation by a qualified plumber only.***

Operating Specification

Pressure

- Minimum working pressure – 0.5 bar
- Recommended working pressure 1 – 3 bar
- Maximum working pressure – 5 bar

Pressure above 5 bar must be reduced via a pressure reducer. To maximize efficiency of the valve, the operating pressures should be balanced.

Water Temperature

- Hot water supply maximum temperature - 85°C
- Hot water supply recommended temperature - 65°C
- Cold water supply - 10°C - 25°C

IMPORTANT. A minimum 10°C difference between outlet temperature and hot supply temperature must be maintained at all times.

Pre-installation notes

Before proceeding, please note:

- The valve must be installed in compliance with local water authority byelaws and water supply byelaws.
- Read all the instruction manual before proceeding.
- Only begin the installation when you have all the necessary tools ready.
- Please check that all the components are in the shower valve box.

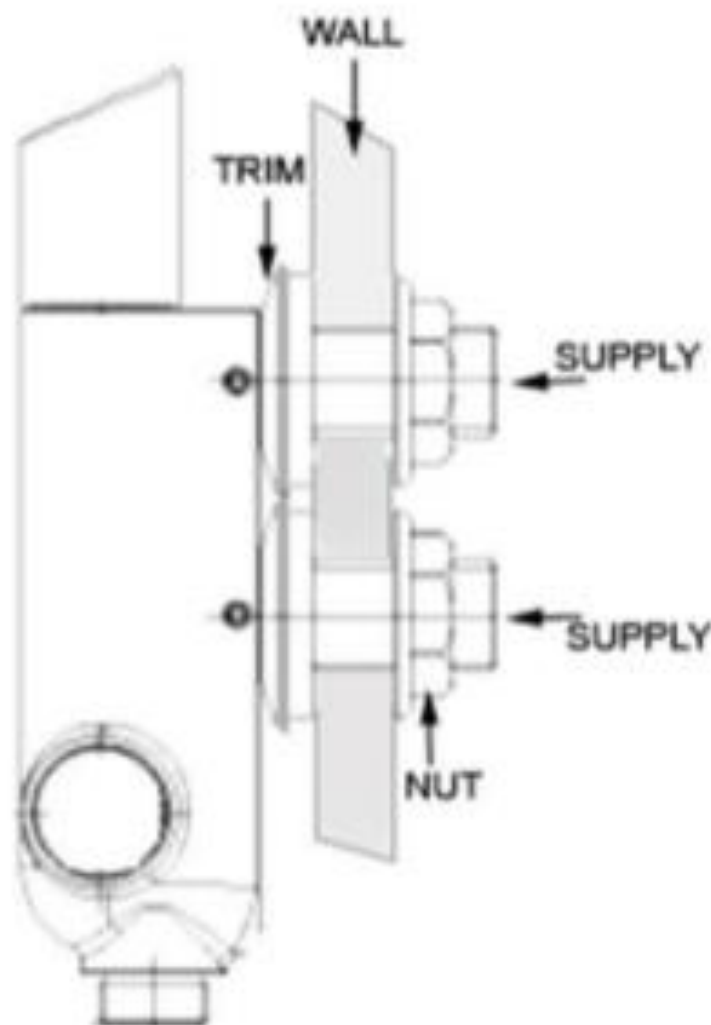
Aftercare

When installing or using tools, extra care must be taken to avoid damaging the finish or the fitting. To maintain the appearance of this fitting, please ensure it is cleaned regularly using a clean soft damp cloth only. Abrasive cleaners or detergents must not be used as they may cause surface deterioration.

INSTALLATION

(See diagram)

- Prepare the supply pipes ensuring the pipework is parallel and set at 45mm centres.
- The pipework must be flushed prior to installation.
- After flushing the pipework, install the mixer as a standard exposed fitting, with the outlet facing downwards.
- The hot supply pipe must be connected to the hot inlet of the mixer, indicated by the red dot.
- Place the trim plate and seals over the brass tails.
- Offer the valve to the wall and place the tails through the holes in the wall.
- From the rear connect the back nuts and tighten up to the rear, ensuring the valve is vertical.
- Secure the valve into position and connect to the water supply pipes, ensuring a good watertight seal is created.
- Once secured and connected, turn on water supply and check for leaks.



OPERATION & SETTING

To control the temperature of the shower, turn the top handle anti-clockwise for more hot water and clockwise for colder water.

The shower is set with a stop temperature (red button) of 38°C, if this is not hot enough the user can override this by pressing the red button and turning the handle.

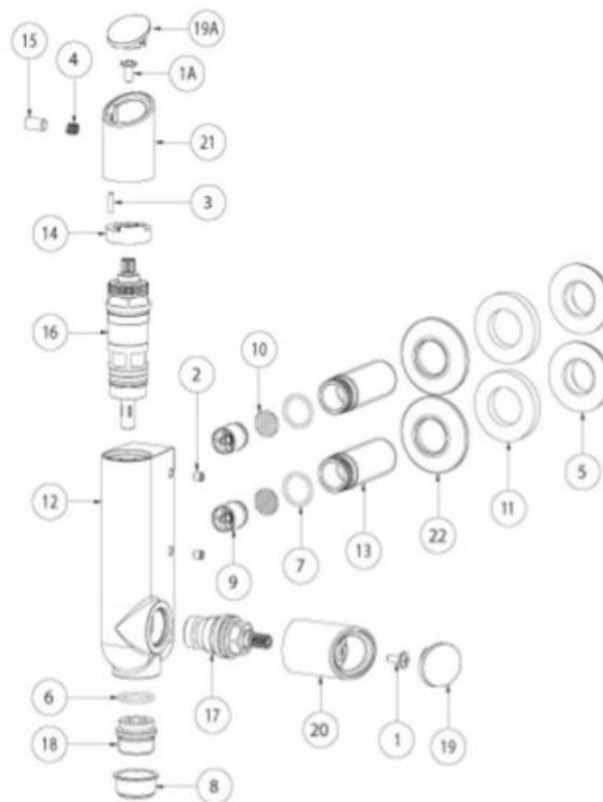
To control the flow of water turn the side handle to regulate the flow of water from the shower.

If on installation the temperature is not to your requirement, this can be re-calibrated:

- Turn temperature handle to the stop.
- Remove the handle cap 19A, followed by screw 1A.
- Pull handle 21 from mixer.
- Turn the spindle on the thermostat until the desired temperature is reached.
Once the temperature is reached, replace the handle so that the stop is in the maximum position, replace screw and handle cap.

NOTE: always maintain the 10°C difference between supply and mixed

NOTE: re-calibration should only be carried out when absolutely necessary



MAINTENANCE

Should the filters need to be cleaned (10) or the non-return valves (9) some disassembly is required.

- Turn off water supply.
- Follow drain down procedure.
- Remove the mixer body from the tails (13) by releasing the grub screws (2) in the body, by using an allen key.
- Pull out the non-return valves, taking care not to damage them, clean under warm water or replace if faulty.
- Remove the filters from the tails and clean under warm water.
- Replace all components in the order shown in the parts drawing.
- Refit the tails ensuring they are fully inserted and secure the grub screws
- Reconnect mixer, turn on water supply and check for leaks.

To replace the thermostatic cartridge:

- Turn off water supply.
- Remove handle cap (19A) and handle screw (1A).
- Remove the handle (21) from the mixer and the nylon stop ring (14).
- Remove the cartridge from the mixer body.
- Clean or replace the cartridge as necessary, then replace, ensuring components are located correctly to give correct maximum set temperature.
- If recalibration is required follow instructions in 'operation & setting'.
- Once water supply is turned on check for leaks.

To replace the flow control valve:

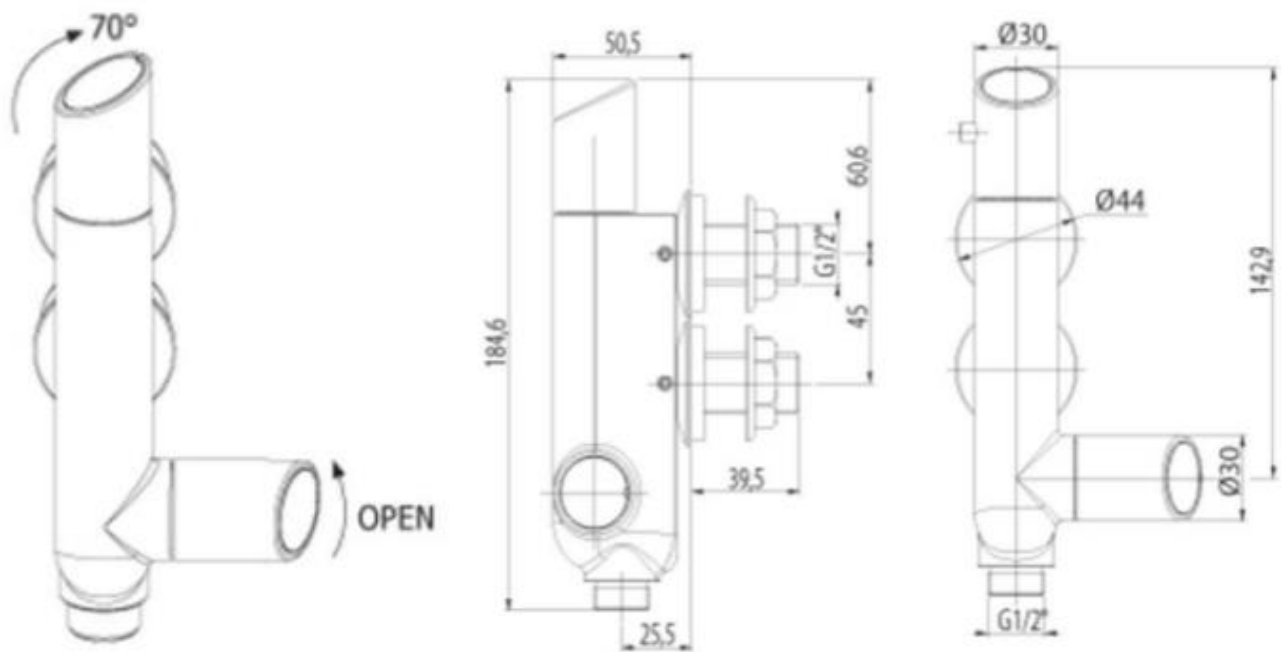
- Turn off water supply.
- Remove handle cap (19), then handle screw (1).
- Pull handle from the valve.
- Remove valve from mixer, taking care not to disturb the pipework.
- Clean and replace valve as necessary.
- Replace all components, turn on water supply and check for leaks.

DRAIN DOWN PROCEDURE

Turn off water supply to valve. To drain down:

- Remove the shower hose from the mixer.
- Turn flow control valve to fully open.
- Turn the temperature control fully clockwise, to drain all cold water, until water ceases flowing from the mixer.
- Turn the temperature control fully anti-clockwise and press the red button to continue the turn, to drain the hot water, until water ceases to flow.

If the shower is to be left for long periods in conditions where temperatures can reach freezing, the shower mixer should be removed. To do this, loosen the grub screws in the body and remove the mixer from the tails.



GUARANTEE

This product is manufactured to high standards and guarantee covers any defect in manufacture. Proof of purchase is required. Please have proof of purchase readily available when contacting us.

For full product guarantee details, please visit: <https://houseofenki.com/guarantee/>

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