



# INSTALLATION GUIDE

## DESIGNER 4 FELTONMIX® WALLSET

FELTON

### SYSTEM REQUIREMENTS

SYSTEM REQUIREMENTS	MINIMUM		MAXIMUM	
	Equal Low Pressures - Feltonmix Type E (Green Rotor) <i>(applies to NZ only)</i> Operating Pressures [ Flow Pressure ]	20kPa (2.9psi)		150kPa (21.8psi)
Unequal Pressures - Feltonmix Type U (Blue Rotor) <i>(applies to NZ only)</i> Operating Pressures [ Flow Pressure ]	Hot	Cold	Hot	Cold
	20kPa (2.9psi)	150kPa (21.8psi)	150kPa (21.8psi)	500kPa (72.5psi)
Equal High (Mains) Pressures - Feltonmix Type H (Pink Rotor) Operating Pressures [ Flow Pressure ]	150kPa (21.8psi)		500kPa (72.5psi)	
Operating Hot Water Temperatures	55° C		60° C	
Operating Cold Water Temperatures	5° C		N/A	

To ensure the optimum performance and customer satisfaction please adhere to the following:

- Flush out all pipe work prior to installation.
- Installation should comply with relevant local authority requirements.
- Backflow protection must be provided in accordance with AS/NZS 3500 and local authority requirements, as assessed and installed by a registered plumber; backflow devices may or may not be supplied depending on product.
- Installation must be carried out by a registered plumber in accordance with AS/NZS 3500, the New Zealand Building Code and Felton instructions.
- Inspection and maintenance must be carried out in accordance with Felton instructions to ensure ongoing performance and compliance.

### BUILDING PRODUCT INFORMATION REQUIREMENTS (BPIR)

#### RELEVANT BUILDING CODE CLAUSES & CONTRIBUTIONS TO COMPLIANCE

This product is Watermarked under license **WM25644 - Showers AS/NZS 3662: 2005**

#### **B2 - Durability**

##### **B2.3.1 (c) applies (performance of building elements)**

Proof of durability – Service history: Felton products have been installed and used in NZ for the last 50 years and warranty calls are at a minimum and within the quality principles of Felton.

Products that are WaterMark certified are subject to endurance testing.

#### **F2 - Hazardous building materials**

##### **F 2.3.1 applies (performance)**

Backflow protection must be provided in accordance with AS/NZS 3500 and local authority requirements, as assessed and installed by a registered plumber; backflow devices may or may not be supplied depending on product.

#### **G1 - Personal Hygiene**

##### **G1.3.1 applies (performance)**

Felton shower products are designed to provide effective personal hygiene through the safe and reliable delivery of potable water. 4 Products are WaterMark certified and tested to AS/NZS 3500, ensuring suitability, performance, and durability for use in New Zealand plumbing systems.

##### **G1.3.2 applies (performance)**

Backflow protection must be provided in accordance with AS/NZS 3500 and local authority requirements, as assessed and installed by a registered plumber; backflow devices may or may not be supplied depending on product. Product features, performance information, and installation requirements are provided on Felton website product pages and supporting brochures to ensure correct specification and installation.

#### **G12 - Water Supplies**

##### **G12.3.2 applies (contamination of water)**

Backflow protection must be provided in accordance with AS/NZS 3500 and local authority requirements, as assessed and installed by a registered plumber; backflow devices may or may not be supplied depending on product.

##### **G12.3.5 applies (performance)**

Felton sanitary fixtures intended for utensil washing and personal washing, showering, or bathing are designed to be connected to a hot water supply, ensuring suitability for potable water, non-contamination, and compliance with the performance requirements of NZ Building Code G12.

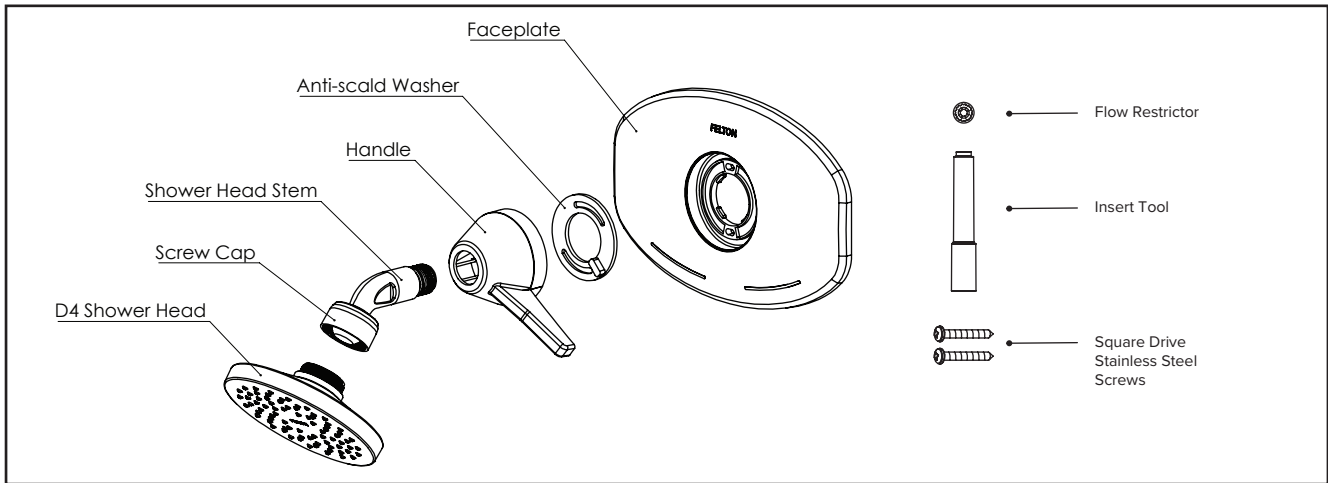
##### **G12.3.7 (c) applies (flow rates)**

All Felton products are designed, manufactured and inspected/tested, that are WaterMark certified, are subject to flow rates testing that is within the limitation set by the AS/NZS 3500 (NZBC) and the WELS regulations.

##### **G12.3.10 applies (performance)**

Felton water supply taps are designed to be accessible and operable, including for people with disabilities, when installed in accordance with Felton's instructions, supporting compliance with the accessibility requirements of the NZ Building Code.

## WHAT IS IN THE PACK



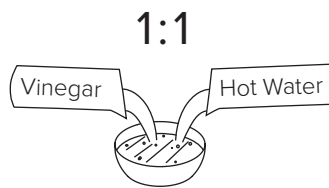
## CLEANING THE SHOWER HEAD DESIGNER 4 SHOWER HEAD

Your Feltonmix shower head is manufactured from self-cleaning plastic materials but if cleaning is required use a combination of vinegar and water and by following the steps below is usually sufficient.

1. Remove shower rose from the shower head stem.
2. Place shower rose in a mixed solution of vinegar and hot water for between 15 – 20 min. (Note: the face of the shower rose cannot be removed for cleaning purposes.)

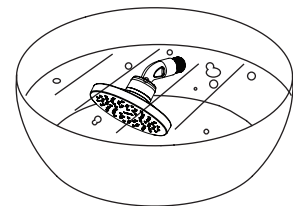
If extra cleaning is still required use a soft brush.

1.

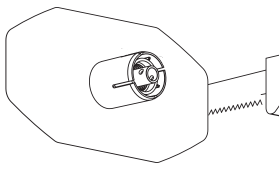
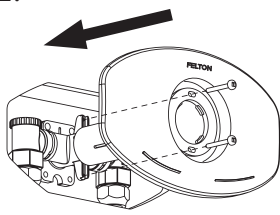
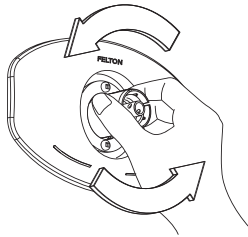
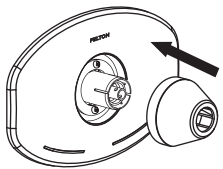
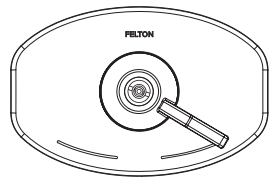
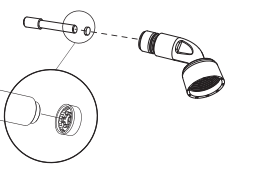
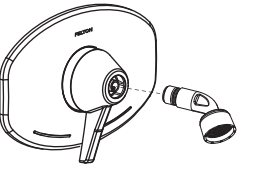
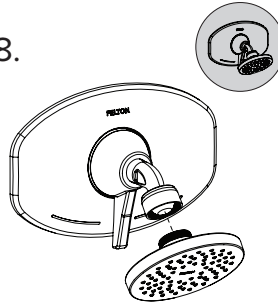


2.

15 - 20 mins



**HOW TO INSTALL**

<p>1.</p>  <p>Make the correct access hole to the mixer.</p>	<p>2.</p>  <p>Using the two screws provided tighten the faceplate to the mixer making sure not to overtighten. <b>DO NOT OVERTIGHTEN.</b></p> <p>If fitting anti-scald washer (optional), position the anti-scald washer over the faceplate recess and secure by fitting the two screws provided through the slots of the anti-scald washer and faceplate then tighten them to the mixer making sure not to overtighten. <b>DO NOT OVERTIGHTEN.</b></p>	<p>3.</p>  <p>Rotate slotted sleeve on valve body (projecting from central hole of wallplate) anti-clockwise.</p>	<p>4.</p>  <p>Fit handle to sleeve, locating at the 4 o'clock position.</p>
<p>5.</p>  <p>Handle should recess into the wallplate and match its contours. Ensure that the handle has about 10mm of engagement.</p>	<p>6.</p>  <p><b>FOR EQUAL HIGH (MAINS) PRESSURE INSTALLATION</b>, fit flow restrictor into showerhead with flow restrictor tool first.</p>	<p>7.</p>  <p>Hand tighten showerhead stem with screw cap into the valve assembly – <b>DO NOT OVERTIGHTEN.</b> If necessary, unscrew showerhead stem part of a turn to bring it to the correct position. The o-ring seal fitted to the stem will ensure a watertight seal within 1 ½ turns from fully tight. <b>DO NOT</b> use thread seal tape or hemp on the thread.</p>	<p>8.</p>  <p>Ensure the rubber seal for shower head is intact then fit and tighten the shower head to the screw cap and stem. Check operation. Handle should swing from right to left from OFF to HOT. Total movement is about 130°.</p>

For technical assistance please ring  
**NZ 0800 743 358 or (09) 528 0810 | AUS 1800 798 760**