

ALL PRESSURES SHOWER MIXER

SYSTEM REQUIREMENTS

	MINIMUM		MAXIMUM
	Hot	Cold	
Unequal Pressure - Venturi jet installed Operating Pressures - refer to the Venturi Selection Table on page 2	20kPa (2.9psi)	300kPa (43.5psi)	1500kPa (217.6psi)
Equal High (Mains) & Equal Low Pressures - Venturi jet removed Operating Pressures	36kPa (5.1psi)		1500kPa (217.6psi)
Operating Hot Water Temperatures	50° C		60° C
Operating Cold Water Temperatures	5° C		N/A

⚠ This mixer can be line tested up to 1500kPa (217.6psi)

⚠ Mixer must be in a closed position for line testing.

⚠ This mixer is recommended for all pressure situations.

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

- Flush out all pipe work prior to installation.
- Maximum static water pressure: 1500kPa. If the water pressure exceeds or is likely to exceed 1500kPa, an approved pressure limiting valve must be fitted.
- Maximum hot water temperature: 60°C. If the water temperature is likely to exceed 60°C, an approved tempering valve must be fitted.
- Installation should comply with relevant local authority requirements.
- In accordance with good plumbing practice, filters should be fitted to supply lines to eliminate damage to the ceramic cartridge from suspended solids.
- AS/NZS 3500.1 states that pressures above 500kPa can cause damage from water hammer, reduce the life of appliances, taps & fittings, cause excessive noise in the system and recommend that a pressure limiting valve (PLV) be fitted.
- 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.

⚠ Failure to comply with the above will void all warranties.

BUILDING PRODUCT INFORMATION REQUIREMENTS (BPIR)

RELEVANT BUILDING CODE CLAUSES & CONTRIBUTIONS TO COMPLIANCE

This product is WaterMarked under license **WM25208 - Tapware (Lead free) AS 3718: 2021 (Pending)**

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)

Products in contact with drinking water is tested to AS/NZS 4020 (ensures acceptance levels of contaminants for human consumption). Compliance with Lead Free and DR Lead Free requirements where applicable.

G12 - Water Supplies

G12.2 applies (materials)

Felton products in contact with drinking water are tested to AS/NZS 4020, ensuring no water contamination and compliance with Lead Free and DR Lead Free requirements where applicable.

G12.3.2 applies (contamination of water)

All Felton products are designed, manufactured and inspected/tested, that are WaterMark certified, are subject to contamination of water testing (AS/NZS 4020). Compliance with Lead Free requirements where applicable.

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 and tested to AS/NZS 4020, ensuring suitability for potable water, non-contamination, and compliance with the performance requirements of NZ Building Code G12.

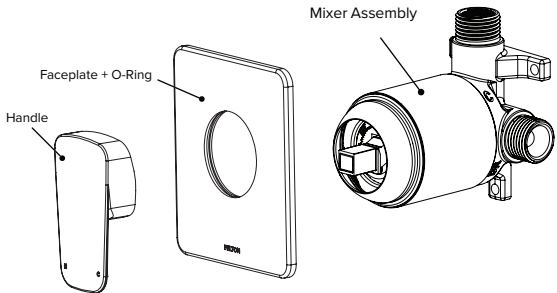
G12.3.7 (c) applies (flow rates)

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



Handle

Faceplate + O-Ring

Mixer Assembly

Note: handle & faceplate styles will vary from illustration depending on product range/style.

3x Jets for Unequal Pressures:

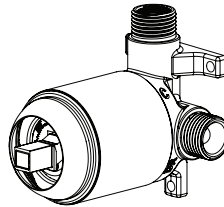
- 20-35kPa **GREEN JET**
- 36-75kPa **YELLOW JET**
- 76-130kPa **RED JET**

- Grub Screw
- 8g x 32 Dome Head Square Drive Stainless Steel Screws
- Handle Cap
- Allen Key

IF YOU HAVE...

EQUAL LOW PRESSURE OR EQUAL HIGH/MAINS PRESSURE

Install product as supplied.



UNEQUAL PRESSURE

1. Check your hot & cold water pressure
2. Follow this flowchart to select the correct Venturi Jet for the pressure situation:

	<p>20-35kPa GREEN JET</p>		<p>36-75kPa YELLOW JET</p>		<p>76-130kPa RED JET</p>
	<p>Recommended for 20-35kPa hot water supply.</p>		<p>Recommended for 36-75kPa or greater hot water supply.</p>		<p>Recommended for 76-130kPa or greater hot water supply.</p>

START:

COLD WATER PRESSURE:	
Unknown Water Pressure	→ Yellow Jet (Hot water pressure 20kPa – 130kPa)
More than 500kPa	→ Yellow Jet (Hot water pressure 20kPa – 130kPa)
150 - 500kPa	→ HOT WATER PRESSURE:
	20 - 35kPa → Green Jet
	36 - 75kPa → Yellow Jet
	76 - 130kPa → Red Jet

Please note: Performance of the mixer will vary based on the specific pipework between your hot water source and the outlet.

! BEFORE INSTALLATION

Pipework MUST be purged before connecting to the mixer

! MIXER ORIENTATION

Figure 1.

This mixer is designed to be connected with the hot water supply on the left only and the cold water supply on the right only.

If at any point the nut is removed, please ensure that both black lines marked on the cartridge and cartridge nut are aligned when the mixer is in full cold position as shown.

PLASTIC VENTURI JET (UNEQUAL PRESSURES ONLY)

Use an allen key or screw driver to screw the jet into the outlet hole on top.

Screw jet in until fully engaged (Take care not to overtighten) & turn back to align the slots perpendicular with body.

HOW TO INSTALL

Please use a 15mm M&F adapter when Venturi jet is installed and Buteline female connector is fitted. Note: M&F adapter not included in pack

- 1.
- 2.
- 3.

Note: handle & faceplate styles will vary from illustration depending on product range/style.

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