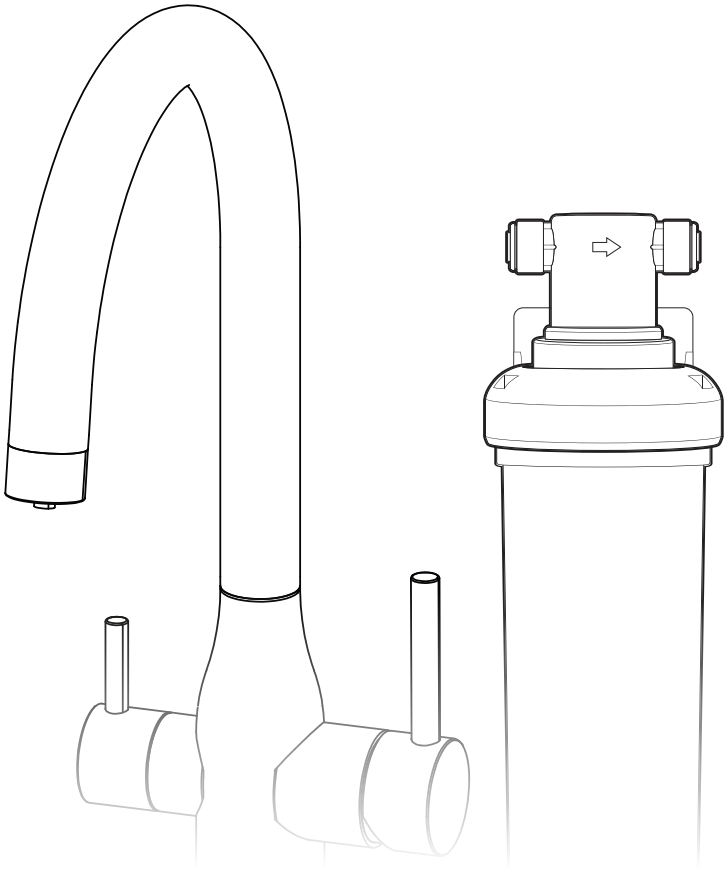
Z1-Tripla™ Elite

Quick Twist Filter System with a Tripla™ Elite Mixer Tap

User Guide



Puretec® PERFECTING WATER

MAINS WATER

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Puretec Customer Service

Thank you for purchasing Puretec Z1 Tripla™ Elite water filter system. Your system is a proven performer manufactured from only quality materials and components and will give years of 'spring fresh' water free of impurities if maintained properly.

The Puretec Z1 Tripla™ Elite system cartridges need replacing regularly to maintain optimum performance. This is a simple procedure when following instructions.

The system is designed for metropolitan supply water but can be used in other situations. For other types of water supply please contact your local Puretec stockist or call our Puretec Customer Service Helpline prior to installing the tap.

Customer Service Helpline **1300 140 140** (Australia) **0800 130 140** (New Zealand).

Caution: Do not use with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system. This product must be installed in accordance with local plumbing regulations by a licensed plumber.

Installation Note: A water filter system/tap, like any product, has a limited life and may eventually fail. Also sometimes failure happens early due to unforeseen circumstances. To avoid possible property damage, this product should be regularly examined for leakage and/or deterioration and replaced when necessary. A drain pan, plumbed to an appropriate drain or outfitted with a leak detector, should be used in those applications where any leakage could cause property damage, and/or the water supply should be turned off if no one is home/present.

Operation

The Puretec Z1 Tripla™ Elite system is designed to run economically for many years, dependent on the initial installation and periodical maintenance.

Flush systems for 10 minutes after any period of non-use more than 2 days. For a period of non-use of 2 weeks or more, it may be necessary to replace cartridge.

Cleaning Your Mixer Tap

Plated Surface - should only be cleaned with a minimal amount of liquid detergent/soap with water. Under no circumstance should any abrasive or acid-base cleaning products be used.

Cartridge Replacement

To maintain the high quality of the purified water, the cartridges need changing every 6-12 months dependent on water quality and usage. Order **Z1-R** for a replacement cartridge to suit your Z1 Tripla™ Elite System.

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Servicing

Periodically clean the aerator for any lodged sediment that may restrict flow.

Should it be necessary to have your mixer serviced while under warranty, please carry out the following procedure:

1. Firstly call your plumber, preferably the one that has installed it, (most problems are caused by the supply lines not being cleaned out properly, prior to connecting the mixers).
2. Make sure that the plumber has installed your mixer according to the User Guide.
3. If the plumber is satisfied that they cannot rectify the problem then contact your plumbing supply store or your local Puretec stockist.

   Important: We do not recommend the dismantling of any internal part of the mixer as this will breach your warranty.

Tapware Technical Information

Puretec mixer taps can be used in conjunction with:

- Pressure storage hot water system.
- Any mains water pressure not exceeding 500 kPa.
- Maximum hot water temperature of 60°C.
- Instantaneous hot water system.
- Any filtered water supply.

Recommended Working Pressures

- Minimum working pressure 172 kPa.
- Maximum working pressure 500 kPa.

It should be noted that water mains pressure builds up during off peak periods, mainly at night, sometimes doubling or tripling normal daytime pressures.

Note: Not suitable for unequal pressure. In high pressure areas where the pressure exceeds the recommended working pressure as indicated above, pressure limiting valves must be installed or warranty is voided.

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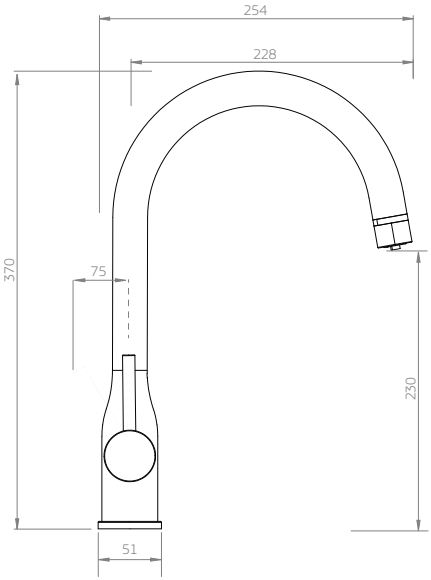
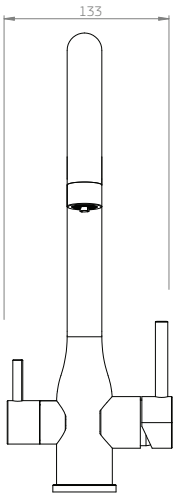
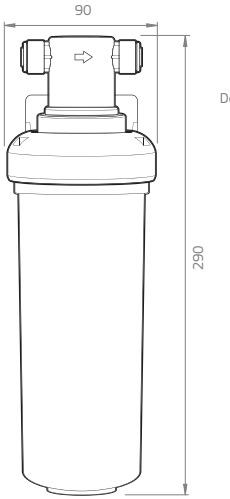
Fig. 1 - Z1 Tripla™ Elite 10 Series Dimensions







Model Code	Colour
Z1-E10-CH	Chrome
Z1-E10-BN	Brushed Nickel
Z1-E10-BG	Brushed Gold
Z1-E10-GM	Gunmetal
Z1-E10-MB	Matt Black

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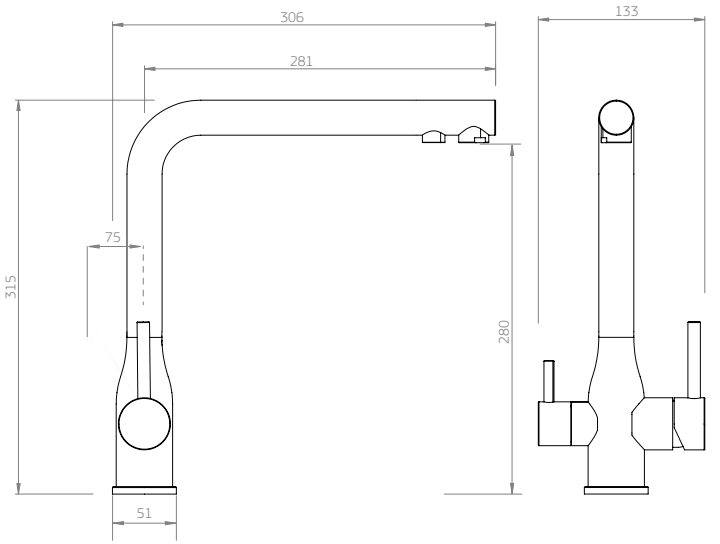
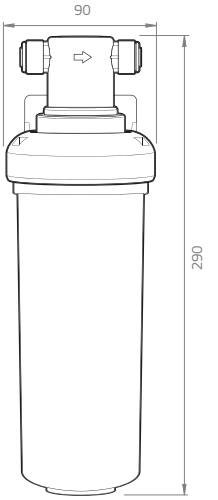
Fig. 2 - Z1 Tripla™ Elite 20 Series Dimensions





Model Code	Colour
Z1-E20-CH	Chrome
Z1-E20-BN	Brushed Nickel
Z1-E20-BG	Brushed Gold
Z1-E20-GM	Gunmetal
Z1-E20-MB	Matt Black

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Fig. 3 - Tap Assembly

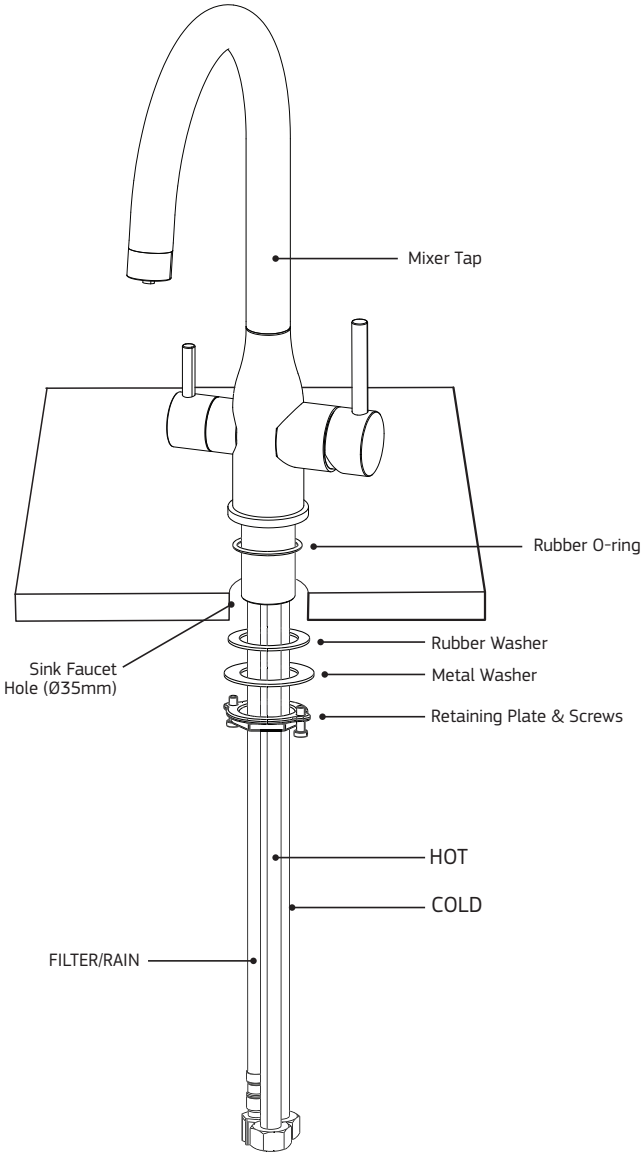

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Fig. 9 Parts Description - Tripla Elite 10 Models

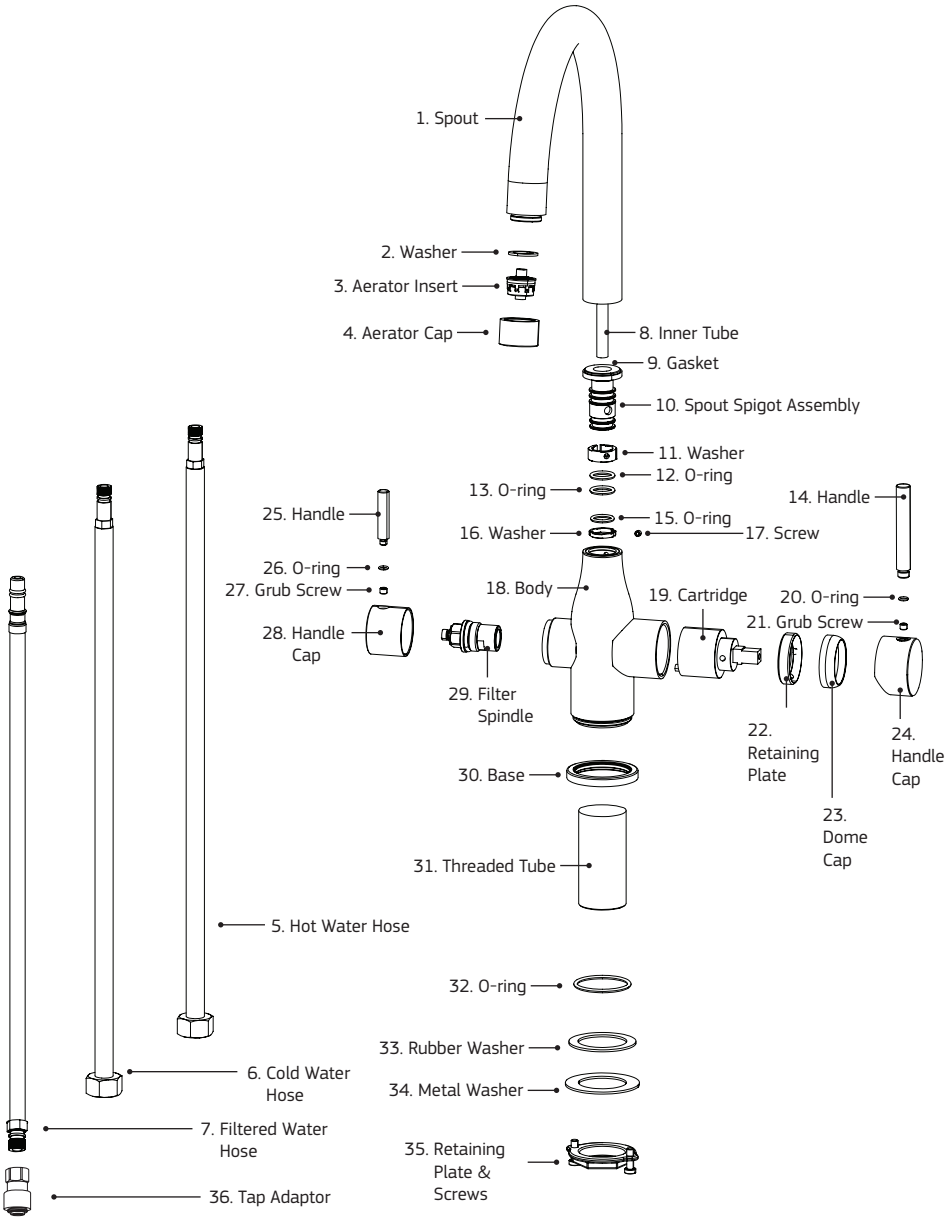

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Fig. 10 Parts Diagram - Tripla Elite 20 Models

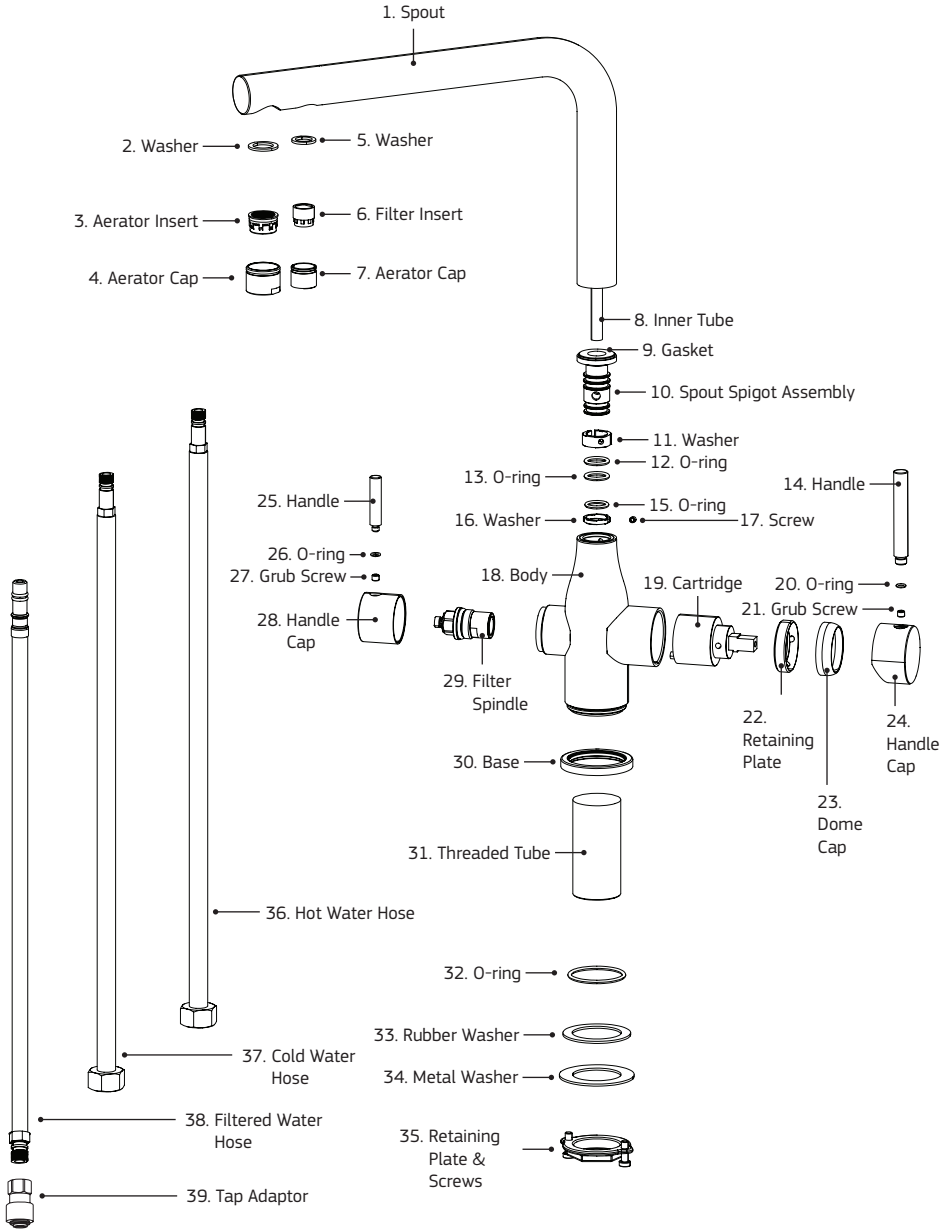

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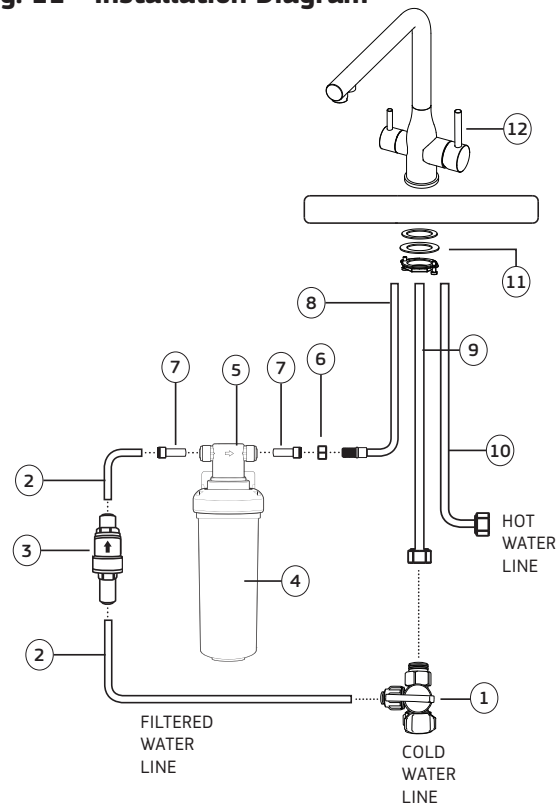
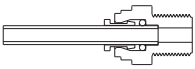
Fig. 11 - Installation Diagram



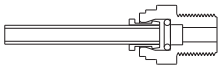
No.	DESCRIPTION
1	SmartTee™
2	White Tubing
3	Pressure Limiting Valve (Multivalve)
4	Z1-R Filter Cartridge
5	Mounting Bracket & Head
6	Tap Adaptor
7	⅜" Stem to ½" Tube Reducer
8	Filtered Water Flexible Hose - Plain
9	Cold Water Flexible Hose - Blue Streak
10	Hot Water Flexible Hose - Red Streak
11	Lock Nut and Washer
12	Mixer Tap

Fig. 12 - How To Use Quick Connect Fittings

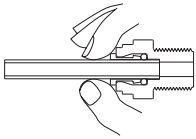
1. Cut the tube square and push in to the tube stop. For metal tube remove burrs and chamfer tube end to prevent O-Ring seal being damaged.



3. Tube is secured in position.



2. Fitting grips before it seals. Ensure tube is pushed in to tube stop.



DISCONNECTION PROCEDURE

4. Push collet against body and slide tube out of fitting.

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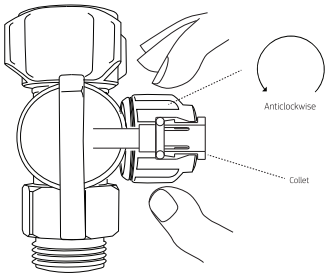
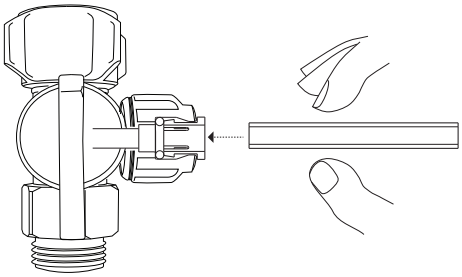
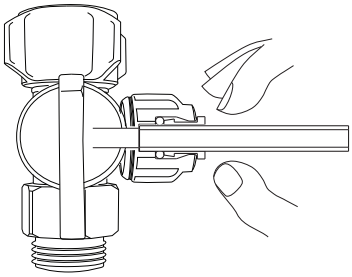
Figure 13 – SmartTee™ Quick Connect Fitting



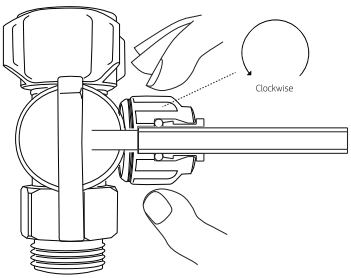
1. Turn the quick connect nut on the SmartTee™ anticlockwise to release the collet.



2. Cut the tube square and push into into the tube stop (inside the collet). For metal tube; remove burrs and chamfer tube end to prevent O-ring seal being damaged.



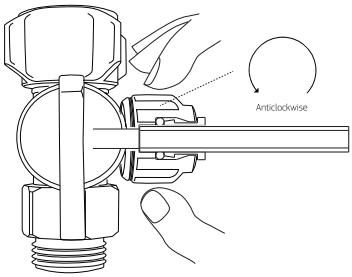
3. The fitting grips before it seals. Ensure the tube is pushed all the way into the tube stop.



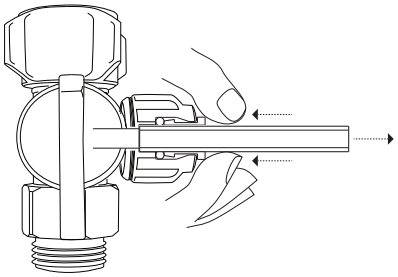
4. Once the tube is secured in position, turn the quick connect nut clockwise to secure.

   Note: Hand tighten only. Do not overtighten.

DISCONNECTION PROCEDURE



5. Turn the quick connect nut on the SmartTee™ anticlockwise to release the collet.



6. Push the collet against the quick connect nut and slide tube out of fitting.

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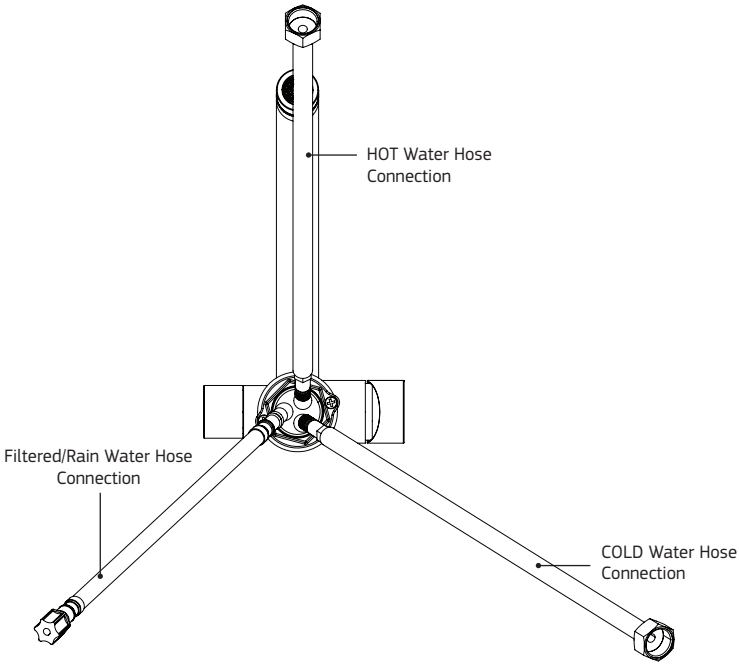
Fig. 4 - Water Connection Patterns



Installation Requirements

1. 15 mm (1/2" BSP) X 1/4" tube cold water line - mains only.
2. Mains water supply pressure: 172 - 500 kPa (when pressure exceeds 500 kPa, a pressure limiting valve must be installed).
3. Supply temperature 0° - 38°C (protect from freezing).
4. Suitable location for the mixer tap.

   Alternative fittings may be required if being connected to anything other than an existing 15 mm (½") copper pipe (copper pipe NOT included). This product does not have any electrical or drainage requirements.

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Use Guidelines

- Minimum operating pressure 172 kPa.
- Maximum operating pressure 500 kPa.
- Do not allow exposure to temperatures below 0°C, protect from freezing.
- Maximum operating temperature 38°C.
- Filter Nominal flow rate 5.5 Lpm.
- Tripla™ Elite-10 Series Tap flow rate 5 Lpm.
- Tripla™ Elite-20 Series Tap flow rate 8 Lpm.
- This system must be installed according to local plumbing codes on the cold water line.
- Replacement Cartridges: See Installation/Changeout
- This system requires regular replacement of the filter cartridge to maintain proper operation. Varying chlorine, sediment, or organic substance levels may affect replacement frequency.
- Be sure to change the filter cartridge at least every 30,000 litres or 6 months which ever occurs first; or whenever you detect a change in taste, odour, or decrease in flow.

Preparing Your System

Please read all instructions carefully as failures caused by incorrect installation or operation are not covered by warranty.

On removing your Z1 Tripla™ Elite system from its carton, you should check all the components to ensure all are present and have not been damaged in transportation.

You should have:

- Z1 Filter Kit with fittings needed for typical installation (see installation diagram for details).
- Tripla™ Elite Mixer Tap
- User Guide & Warranty Card

Remove all the packing materials prior to use. As a responsible manufacturer we care about the environment. We urge you to follow the correct disposal procedure for your product and packaging materials. You must dispose of this product and its packaging according to local laws and regulations.

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Tap Installation

1. Unscrew and remove the threaded tube. Connect each of the hoses to the faucet and tighten them as shown in Fig. 3. Screw the tap adaptor to the bottom of the filter hose. Screw the threaded tube back onto the faucet.

   Note: Ensure the hot and cold lines are in the correct orientation (refer to markings on mains handle cap). Only tighten the flexible hoses by hand. Do not overtighten. Don't use any tools.

2. Ensure the O-ring is seated correctly in the groove at the base of the tap.

3. Put the hoses through the Basin or Sink. Required through hole size is Ø35 mm.

4. Slip the rubber washer and the metal washer over the hoses as shown in Fig. 3. followed by the retaining plate.

5. To eliminate the air pocket, incline the tapware to the side and position the spout upward. Initiate the water flow to complete the air renewal process.

6. Screw the retaining plate up hand tight to secure the tap into position.

7. Finally, tighten each retaining plate screw against the metal washer to secure tap firmly into place.

Fig.5

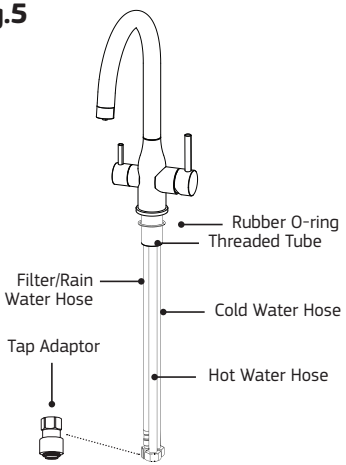


Fig.6

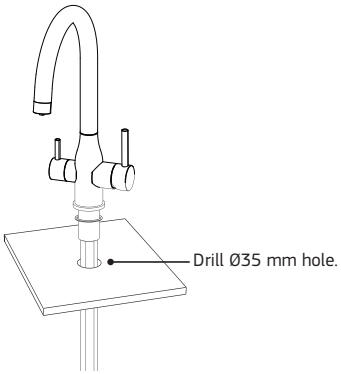
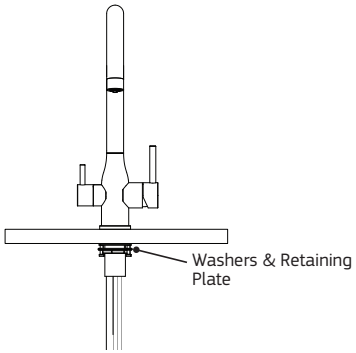


Fig.7



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Filter Installation

This system comes complete with an installation kit enabling it to be connected to 15 mm (½") male thread.

Installation Note: A water filter system/tap, like any product, has a limited life and may eventually fail. Also sometimes failure happens early due to unforeseen circumstances. To avoid possible property damage, this product should be regularly examined for leakage and/or deterioration and replaced when necessary. A drain pan, plumbed to an appropriate drain or outfitted with a leak detector, should be used in those applications where any leakage could cause property damage, and/or the water supply should be turned off if no one is home/present.

This product complies with the requirements of Lead-Free standards as defined in the National Construction Code Volume 3 and is suitable for use as part of Lead-Free installation. All installations must comply with the relevant AS/NZS 3500 Series.

INSTALLATION MUST BE COMPLETED BY A LICENCED PLUMBER. FAULTY OPERATION DUE TO UNQUALIFIED PERSONS WILL RESULT IN VOIDED WARRANTY COVERAGE.

1. Select suitable location that is close to the point of filtered water delivery (eg. sink). Remember to allow access room for changing filters and a suitable place where water spillage will not cause damage. Location should not be in direct sunlight.
2. Isolate water supply and cut existing copper pipe (copper pipe NOT included) ready to install the SmartTee™.
3. Connect the SmartTee™ to the multivalve with a piece of white tubing.
4. Install filter cartridge by positioning it in the desired location, marking the position of fixing hole and fixing with bracket screw. The Z1 Series can be mounted horizontally or vertically. Allow room for the connecting tubes. Ensure flow arrow on cartridge is in direction of water flow.
5. Fit the stem to tube reducers into either side of the filter head assembly by pushing the fittings into the 3/8"quick-connect fittings already installed on the filter head (for quick-connect fittings see Fig. 12).
6. Fit tubing into 1/4" connectors (stem to tube reducers). Allow slack in the tubing. Connect the tubing into the filtered water flexible hose securing with the nut found on the flexible hose (plain).
7. Connect cold water flexible hose (blue streak) to cold mains water supply and the hot water flexible hose (red streak) to the hot water supply.
8. Restore water supply & check for leaks, rectifying them, if any, before leaving the unit.
9. Run the system for at least 5 minutes to remove carbon fines. Water may appear milky, but this is normal and is only tiny air bubbles that will clear after a short period.

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Cartridge Installation/Changeout

This system requires regular replacement of the filter cartridge to maintain proper operation. Varying chlorine, sediment, or organic substance levels may affect replacement frequency.

Be sure to change the filter cartridge at least every 30,000 litres or 6 months which ever occurs first; or whenever you detect a change in taste, odour, or decrease in flow.

1. Turn off the water supply.
2. Rotate the old cartridge counterclockwise 1/4 turn, pull it out and dispose of it.
3. Remove all packaging from the new cartridge, including any wraps or caps (if applicable).

   Replacement cartridge: **Z1-R**
4. Insert the new cartridge into the filter head and rotate clockwise 1/4 turn.
5. Turn on the water and check for leaks. If leaks occur, repeat step 4. If leaks persist, discontinue use and call your supporting dealer.
6. Flush filter for 5 minutes before use or until water runs clear.

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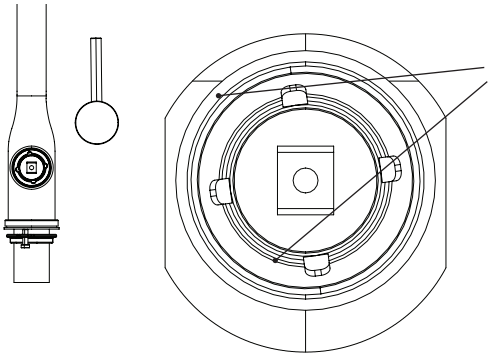
Replacement of Ceramic Disc Cartridge & Filter Spindle

Hot/Cold Ceramic Disc Cartridge

- Unscrew and remove the hot/cold water handle. Unscrew and remove the cartridge grub screw with an Allen key.
- Remove the handle cap. Unscrew and remove the dome cap.
- Using a pair of needle pliers, grip the inside of the hot/cold cartridge retaining plate to unscrew and remove it.

Fig.8



- Lift out old cartridge and clean the inside making sure no old O-rings are still stuck inside cartridge housing.
- Insert new cartridge making sure O-rings on bottom of new cartridge have not fallen off and lugs in bottom of cartridge line up with holes in cartridge housing.
- Seat the cartridge retaining cap back into position and tighten with the pliers. Reinstall the dome and handle caps, securing with the grub screw with the Allen key.
- Replace the handle (hand tighten only).

Filtered/Rain Spindle

- Unscrew and remove the filter handle. Unscrew and remove the filter grub screw with an Allen key.
- Lift out the old filter spindle by loosening the nut with a wrench and clean the inside of the spindle housing.
- Insert the new spindle, tightening with the wrench. DO NOT OVERTIGHTEN.
- Seat the handle cap back into position and secure the grub screw with the Allen key.
- Replace the handle (hand tighten only).

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Notes

The complete range of Puretec products are developed, refined and made to meet and exceed stringent specifications for the worldwide market.

Important Note: Sales of products are subject to our Terms & Conditions which are available upon request. All specifications, prices and photos are a guide only and are subject to change without notice. Please ring to confirm details. Do not use products with microbiological unsafe water without adequate disinfection. Under normal circumstances a pressure limiting valve is not required. If incoming water pressure is excessive it may however be necessary to install an approved pressure limiting valve. Maximum flow depends on cartridge, vessel, pressure, impurities etc.

Warranty

This warranty commences from the date of purchase. Puretec is renowned for its quality and after-sales support so if you have any issues please call 1300 140 140 (AU) or 0800 130 140 (NZ). To make a warranty claim, contact us directly or the place of original purchase. All costs relating to a warranty claim must be approved by Puretec prior to any work being carried out.

Residential 15 Year Warranty: Tap warranty is 2 years parts and labour, plus 13 years parts only. Finish warranty is 2 years. Flexible mixer tails are 5 Years warranty. Warranty excludes normal wear and tear and any misuse according to the user guide.

Commercial 2 Year Warranty: Warranty is 2 year parts and labour. Finish warranty is 1 year. Warranty excludes normal wear and tear and any misuse according to the user guide. Commercial installations are all non-residential installations including hotels, motels, schools, hospitals, restaurants and aged care facilities.

Filter Warranty: Warranty is 1 years parts and labour plus 9 years parts only. Excludes cartridges.

Puretec will pay your reasonable, direct expenses of claiming under this warranty. You may submit details and proof of your expense claim to place of purchase for consideration.

The warranty only applies if the product was used and/or installed in accordance with the user guide and/or installation instructions. This warranty is given in lieu of all other express or implied warranties and manufacturer shall in no circumstance be held liable for damages consequential or otherwise or delays caused or faulty manufacturing except as excluded by law.

Applicable to all above, is that the warranties need to be approved by Puretec to ensure product was not incorrectly used, installed or claimed. False and incorrect claims will be pursued at Puretec's discretion, including chargeable inspection and labour costs incurred.

All installation and service work should be completed by qualified tradespeople. Faulty operation due to unqualified persons will result in voided warranty coverage.

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Warranty/Australia

This warranty is given by Puretec Pty Ltd, ABN 44 164 806 688, 37-43 Brodie Road, Lonsdale SA 5160, telephone no. 1300 140 140 and email at sales@puretec.com.au.

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Australian Consumer Law. You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Warranty/New Zealand

This warranty is given by Puretec NZ LP, Reg. No 50081773, 178A Savill Drive, Favona, 2024, New Zealand, telephone no. 0800 130 140 and email at sales@puretec.co.nz.

This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Consumer Guarantees Act. You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Register Your Warranty Online

In order to register your warranty online you must do so within 30 days of your product purchase.

Follow these 3 simple steps:

1. Go to **puretecgroup.com/warranty**
2. Enter the required details and hit submit.
3. You will receive an email confirming your warranty.

Terms and conditions apply. Proof of purchase must be retained.

Go to **puretec**group.com for full details.

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