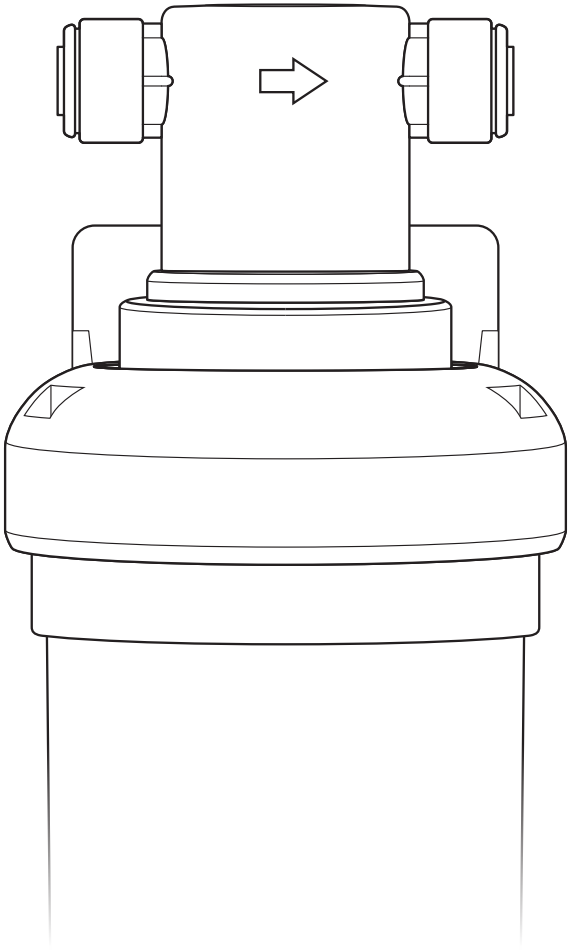
Z Series

PureMix Z2 User Guide



Puretec
PERFECTING WATER

MAINS WATER

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Pro-Switch Pty Ltd

Puretec Customer Service

Thank you for purchasing a Puretec PureMix Inline Water Filter System. Your system is a proven performer manufactured from only quality materials and components and will give years of 'spring fresh' water, if maintained properly.

The Puretec PureMix Inline Water Filter System cartridge needs replacing regularly to maintain optimum performance. This is a simple procedure when following instructions. For cartridge replacements contact your nearest Puretec stockist.

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

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Operation

The Puretec PureMix Inline Water Filter 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.

The **PureMix Z2** Inline Water Filter System is designed to operate with mains, rain, harsh and rural water.

Important Information

CAUTION: THIS SYSTEM MAY INCREASE THE BACTERIAL CONTENT OF THE WATER UNLESS SUPPLEMENTARY TREATMENT IS PROVIDED.

CAUTION: DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR WITH WATER OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM. SYSTEMS CERTIFIED FOR CYST REDUCTION MAY BE USED ON DISINFECTED WATER THAT MAY CONTAIN FILTERABLE CYSTS.

WARNING: FOR THE CORRECT OPERATION OF THIS APPLIANCE, IT IS ESSENTIAL TO OBSERVE THE MANUFACTURER'S INSTRUCTIONS.

Installation

This system comes complete with an installation kit enabling it to be connected to 15mm (½") male thread to an existing tap or mixer tap (cold supply only - hot water should be filtered prior to heating). Also includes extending kit, where extra length is required.

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.

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

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Installation Requirements

1. 15mm (½") cold water flexi-connector to tap.
2. Water supply pressure: 200 - 520 kPa.

   Note: Where line pressure exceeds 500 kPa, an approved pressure limiting device must be installed to comply with Australian & New Zealand Plumbing Standards.
3. Water supply temperature: 0° - 38 °C (protect from freezing).

Alternative fittings may be required if being connected to anything other than 15 mm (½") copper pipe. No electrical or drainage requirements.

Installation Procedure

1. Select a suitable location that is close to the existing tap. Remember to allow access room for changing filter and a suitable place where water spillage will not cause damage. Location should not be in direct sunlight.
2. Isolate water supply and release water pressure by operating faucet lever. Disconnect existing braided hose connections from the cold water line.
3. Install filter cartridge to the head assembly (see Fig. 2-4). Please note the arrow on the cartridge label indicates Undo and Install directions.

   Warning: Ensuring the cartridge is in the correct lock position is critical prior to operating the system. Not being seated in the correct position can cause the locking tabs to shear and damage the head and/or water leakage. See Fig 4 for the correct position.
4. Push one of the joint stem adaptors into the outlet of the cartridge head, ensuring it is pushed in all the way.
5. Install system assembly by positioning it in the desired location, marking the position of fixing holes and fixing with mounting screws (PureMix Z Series can be mounted horizontally and vertically). Allow room for the connecting tubes and for removing the cartridge (70 mm).

   Note: Knocking the cartridge can cause the cartridge to come out of the locking position. To limit the likelihood of this occurring it is best not to store items too close to the system to avoid accidental dislodgement of the cartridge.
6. Connect the braided hose (cold water line) to the other stem adaptor.

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7. Connect the inlet stem adaptor to the supplied pressure limiting valve (multivalve) , then connect the pressure limiting valve to the cartridge head assembly inlet with the supplied piece of high pressure tubing (white). See Fig. 1.

   Note: The arrow on the head indicating the direction of the water flow. A hose extension kit has been provided if necessary, this can be used to extend the hose either side of the system. Ensure the hose is kink free.

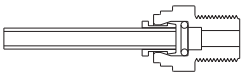
8. Connect the mixer tap's braided hose to the stem adaptor on the head outlet. Make sure all fittings are tight and braided hose is kink free.

9. Restore the water supply and check for leaks. If leaking occurs then undo cartridge and check the cartridge is seated properly.

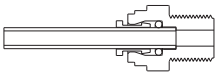
10. Run the system for at least 10 minutes (turn on mixer tap to run cold water) to remove carbon fines. Water may appear milky, but this is normal and is only tiny air bubbles that will clear after a short period.

Figure 1 – How To Use Quick Connect Fittings

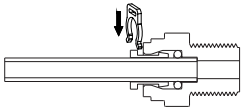
1. Cut the tube square and push in to the tube stop. For metal tube remove burrs and chamfer tube end to prevent O-Ring seal being damaged.



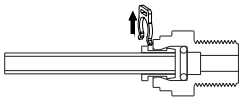
2. Fitting grips before it seals. Ensure tube is pushed in to tube stop.



3. Tube is secured in position.

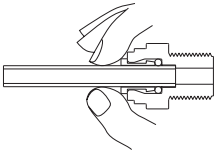


4. Insert red locking clip between fitting and collet.



DISCONNECTION PROCEDURE

5. Remove red locking clip.



DISCONNECTION PROCEDURE

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

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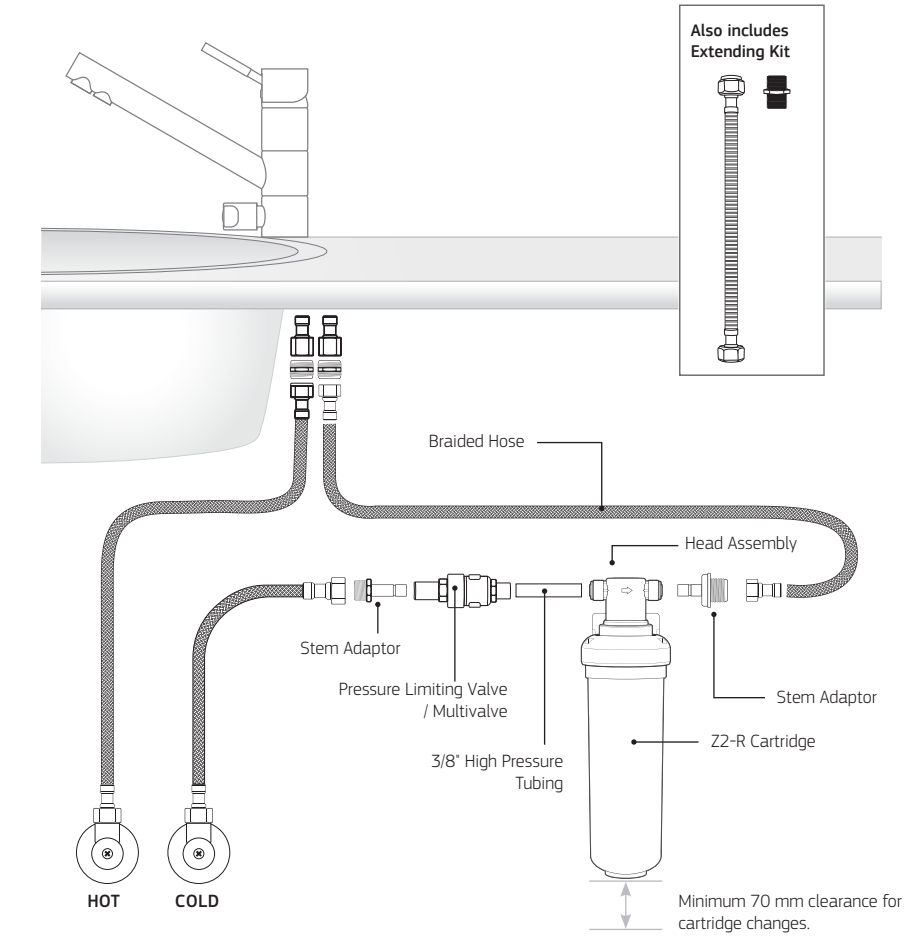
Figure 2 - Vertical Installation Diagram



Note: Allow extra free space around the system to avoid accidental impact.

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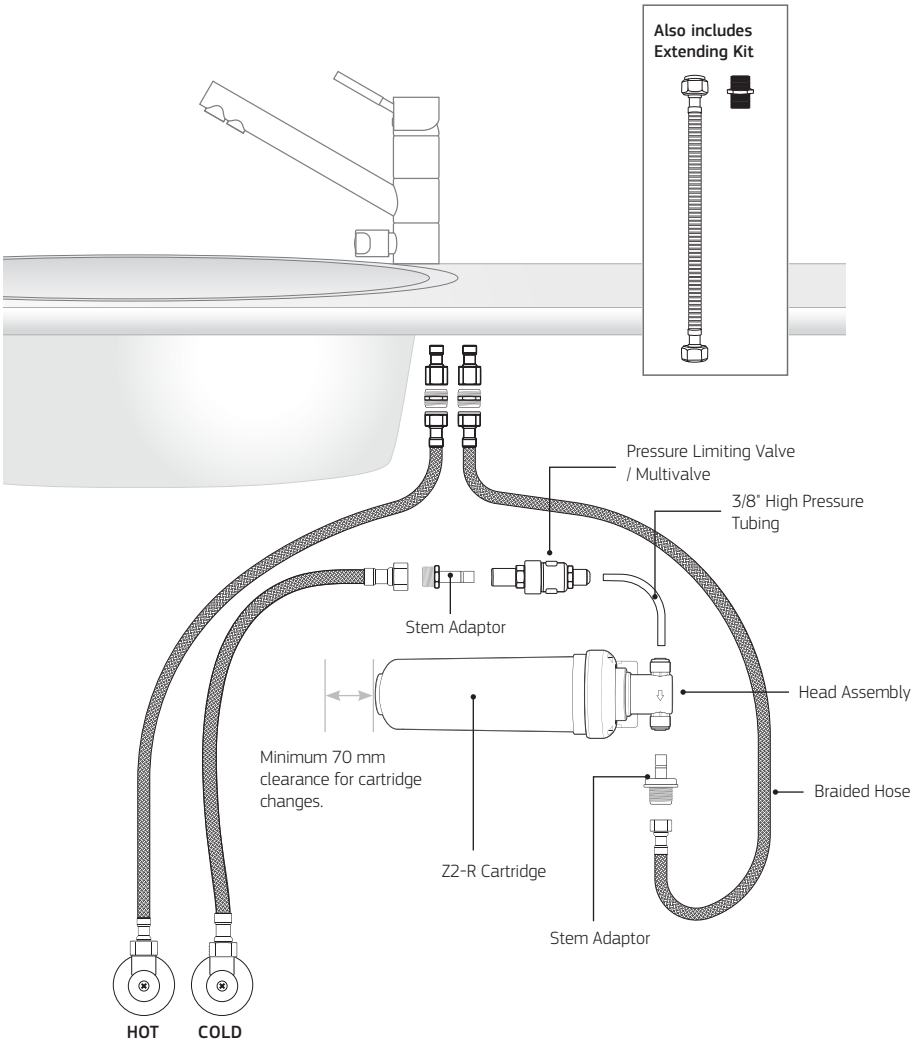
Figure 3 - Horizontal Installation Diagram



Note: Allow extra free space around the system to avoid accidental impact.

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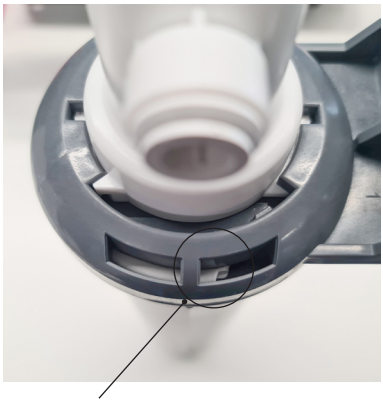
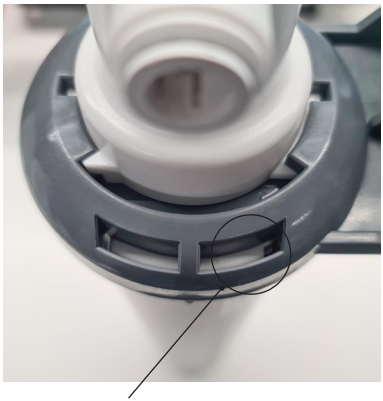
Figure 4 – Fitting the Cartridge Correctly

Ensuring the cartridge is in the correct lock position is critical prior to operating the system. Not being seated in the correct position can cause the locking tabs to shear and damage the head and/or water leakage.

When the cartridge is seated in the correct position the arrows on the cartridge and the head will align.



Cartridge NOT in the correct position.



Cartridge is in the lock position and will not rotate any further. Arrows on the side of the cartridge are aligned.

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Cartridge Replacement

1. Shut off water supply and release the water pressure by opening up the tap.
2. Remove all packaging from the new cartridge, including any wraps or caps (if applicable).

   Replacement cartridge code for **Z2** model: Puretec **Z2-R**.
3. Rotate the old cartridge counterclockwise 1/4 turn, pull it out and dispose of it.
4. Insert the new cartridge into the filter head and rotate clockwise 1/4 turn until the arrows on the head and cartridge align.
5. Turn on the water and check for leaks. If leaks occur, repeat step 2 & 3. If leaks persist, discontinue use and call your supporting dealer.
6. Flush filter for 5 minutes before use or until water runs clear.

Use Guidelines

- Use for mains water supply.
- Minimum operating pressure 200 kPa.
- Maximum operating pressure 520 kPa.

  Note: Where line pressure exceeds 500 kPa, an approved pressure limiting device must be installed to comply with Australian & New Zealand Plumbing Standards.
- Do not allow exposure to temperatures below 0 °C, protect from freezing.
- Maximum operating temperature 38 °C.
- Max flow rate 8 Lpm at 200-520 kPa.
- This system must be installed according to local plumbing codes on the cold water line only.
- 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 38,000 litres or every 6 - 12 months which ever occurs first; or whenever you detect a change in taste, odour, or decrease in flow. Capacity is based on inlet chlorine @2ppm ±10%.

  Caution: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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Notes

Puretec water care products are designed, manufactured and supported by Puretec Pty Ltd the name you can trust for viable and proven water solutions. The complete range of Puretec products are developed, refined, made to meet and exceed stringent specifications for the worldwide market.

Important: Sales of products are subject to our Terms and Conditions which are available upon request. All specifications, information and photos are a guide only and are subject to change without notice. Please ring to confirm details. Warning: For correct operation of this appliance it is essential to observe manufacturer's instructions.

Warranty

Any claim under this warranty must be made within 10 years of the date of purchase of the product. This product is warranted to be free of defect of material and workmanship for 10 years from date of purchase. 10 year warranty is 1 year parts and labour plus 9 years parts only. Excludes cartridges.

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.

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, PO Box 13116, Hillcrest, Hamilton 3251 NZ, 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.

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