

Raymor

INSTALLATION AND OPERATING INSTRUCTIONS RAYMOR WATER FILTER HOUSING

PRODUCT CODE: 136567



SYSTEM INSTALLATION WARNINGS AND HELPFUL HINTS

For correct operation of this appliance, it is essential to strictly observe these installation and operating instructions.

1. Installation must comply with existing State or Local Plumbing codes.
2. The Raymor housing must only be used on water that is microbiologically safe. This is water that has been adequately chlorinated or disinfected for bacteria protection, either before or after the housing.
3. Should the filter housing not be used for one or more days, flush for one minute before consuming water.
4. To maintain high level of performance and protection provided by the Raymor water filter system, use only Raymor replacement cartridges and a maximum cartridge life of 12 months.
5. For a period of non-use of 2 weeks or more, it may be necessary to replace the cartridge.



Helpful Hint: The life and performance of the cartridge may vary, depending on volume and quality of water being filtered. An indication your cartridge may need replacing, is a reduced volume or flow from your faucet, or the return of an offensive taste and/or odour to the filtered water.

Installation Note: A water filter housing, 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 LICENSED PLUMBER. FAULTY OPERATION DUE TO UNQUALIFIED PERSONS WILL RESULT IN VOIDED WARRANTY COVERAGE.

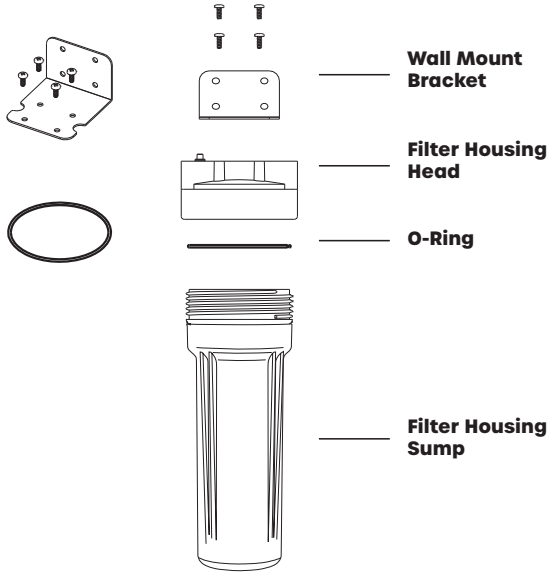
INSTALLATION REQUIREMENTS

- 3/4" BSP [20 mm] Cold water line.
- Max pressure: 860 kPa.

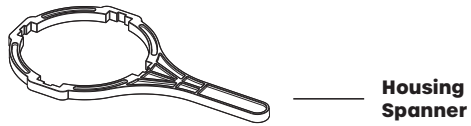
Note: Where line pressure exceeds 500 kPa, an approved pressure limiting device must be installed to comply with Australian & New Zealand Plumbing Standards. (Ref. AS/NZS 3500.1:2021, Clause 3.3.4).

- Min/Max temperature 0° - 52°C (protect from freezing).
- Suitable location for housing.
- Alternative fittings may be required if being connected to anything other than 20mm.
- For point of entry installations an approved dual check backflow prevention device must be fitted in accordance with national plumbing product codes. No electrical or drainage requirements needed.
- Avoid installing in direct sunlight.
- Use PTFE thread seal tape on all connections. Use of pipe sealants will void warranty.
- Protect the housing from water hammer.
- Allow enough room under the filter sump for cartridge changes.

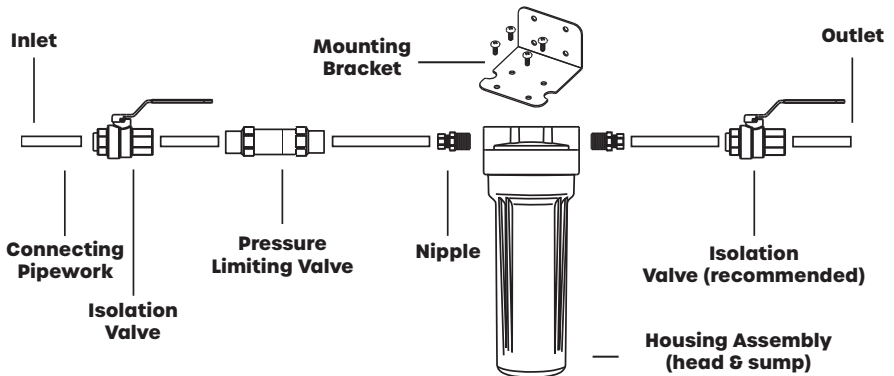
PARTS DIAGRAM



Note: Filter cartridges are not included (sold separately).



TYPICAL INSTALLATION



INSTALLATION INSTRUCTIONS

This water filter housing must be mounted vertically. Check that the water filter housing fits comfortably into the location you have selected for it to be installed and check that there is a suitable connection to the cold water supply.

Some installations have copper pipe exiting the wall and proceeding directly to a cold water tap on the sink with no plumbing fittings, and therefore does not allow for the disconnection and use of existing fittings to provide a water supply for the water filter housing.

In this situation, it is necessary to cut the copper pipe insert the housing.

This type of installation must, under all circumstances, be carried out by a qualified plumber.

1. Locate the cold water pipe. Turn the water off. If there is not an isolation tap handy, turn the water off at meter or point of the entry to building.
2. Find a suitable straight section of pipe where the housing can be inserted. Make two cuts using a pipe cutter or hacksaw, removing a sufficient length of copper pipe to insert the housing.



Warning: If this water filter housing is being installed onto metal water pipe, care must be taken not to receive an ELECTRIC SHOCK. Metal water pipes are often used to earth or ground the electrical and/or phone installation, this is particularly relevant to mains water with metal pipes.

Cutting a pipe in this situation can create an electrical open circuit, causing the water pipe to become alive and possible ELECTROCUTION could result. If it is suspected that this could be the case for this installation, contact your Electrical Contractor and have an approved permanent earth bypass installed prior to commencing installation of this water filter housing.

If installation of this water filter housing is to proceed without involving a qualified electrician to avoid the risk of ELECTROCUTION, it will be necessary to install an electrical earth bypass.

This can be done by thoroughly cleaning any surface coating (paint etc.) or debris from a section of pipe on each side of where this water filter housing is to be installed. Attach a 70 ampere stranded copper conductor to span the piece of pipe to be removed and with suitable cable clamps, connect the bypass cable to the two cleaned areas on the pipe.

Do not cut the metal pipe until the bypass has been installed. Immediately notify the person responsible for the management of the worksite (usually the householder) or the electrical supply authority, if any electrical fault is suspected.

3. Mount the housing with the mounting screws provided. Allow approximately 50 mm clearance under the filter housing for removal of the sump to change cartridge (cartridge not included).

Note: When affixing the mounting bracket to the filter housing head, only use the screws provided, to avoid damaging the filter housing head.

4. Using 3/4" tapered plumbing fittings, the filter housing can be connected to the cold water line.

Note: The threads in this housing are 3/4" BSP tapered, to ensure proper sealing. Only use plumbing fittings with 3/4" BSP tapered threads complying with AS/NZ Standard

1722-1. The use of plumbing fittings with straight threads will damage the filter housing head and void warranty. Tapered threads should not require the use of sealing tape. If thread sealing is necessary or preferred, only use thread seal tape. Do not use sealing compounds or hemp wicking.



Warning: Do not overtighten. Too much tape or over tightening may cause head to split. Do not use a heat torch near the plastic housing. All sweated joints should be made prior to assembling piping to the filter housing head.

5. Unscrew the housing sump and install the cartridge (not included) as per the Cartridge Installation instructions.
6. Turn the water supply on slowly while holding or opening up a downstream tap to release any air trapped in the housing.
7. Check that there are no leaks.



Helpful Hint: We recommend you continue to check for leaks for a day after installation.

8. Run the water through the system for 1 to 2 minutes after installation to flush superficial dust and fines from the system. Water may appear “milky”, this is normal and is caused by tiny air bubbles being expelled from the cartridge. Flush water through system until the water appears clear.

CARTRIDGE INSTALLATION / REPLACEMENT

Note: To maintain high level of performance and protection provided by the Raymor water filter housing, use only Raymor replacement cartridges and a maximum cartridge life of 6-12 months.

Cartridge suggestions:



PRE-FILTER

Model 010555

Extra fine sediment removal cartridge



PREMIUM FILTER

Model 010556

Carbon, taste and odour cartridge

1. Turn water supply off and relieve pressure by opening a downstream tap.
2. Unscrew the filter bowl. If difficult to undo, use the wrench supplied to make it easier. Dispose of the old cartridge.

3. Clean the sump with soap and warm water and rinse thoroughly. Check the O-Ring for damage and if there is any, replace it.
4. Check O-Ring lubrication and if necessary apply a light coating of food grade silicone lubricant (or similar).
5. Remove all packaging from the new filter cartridge and insert the cartridge into the housing sump, making sure the cartridge is properly seated over spigot in base of sump. Remember to record the model no. of the cartridge you use.
6. Hold the sump upright while screwing it onto the head. Make certain that the spigot in the housing head is located centrally to the cartridge to make a good seal.



Caution! Hand tighten only, do not overtighten. The spanner wrench is only used for loosening sumps and not tightening.

7. Open up a downstream tap and gently open up the water supply ,allowing all the air to be purged.
8. Allow the water to run for 2 minutes to flush the system until the water runs clear.
9. Close down stream tap and check for leaks. Flush the system 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 the cartridge.



Helpful Hint: After carrying out a cartridge replacement or any maintenance on the filter system, we recommend you observe the system for possible water leaks for a day after cartridge replacement. Seals and plumbing to the system may have been disturbed.

USE GUIDELINES

- Maximum operating pressure 860 kPa.

Note: Where line pressure exceeds 500 kPa, an approved pressure limiting device must be installed to comply with Australian & New Zealand Plumbing Standards. (Ref. AS/NZS 3500.1:2021, Clause 3.3.4).

- Do not allow exposure to temperatures below 0°C.
- Maximum operating temperature 52°C.
- Nominal flow rate 38 Lpm (depending on cartridge installed).
- This housing must be installed according to local plumbing codes on the cold water line.
- 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 6 - 12 months or whenever you detect a change in taste, odour, or decrease in flow.
- Do not use with water that is microbiologically unsafe, or of unknown quality, without adequate disinfection before or after the filter housing.

NOTES

The Raymor 136567 housing is exclusive to Tradelink and is designed, manufactured and supported by Puretec Pty Ltd. Copyright © Puretec Pty Ltd 2022. 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 2 years of the date of purchase of the product. This product is warranted to be free of defect of material and workmanship for 2 years from date of purchase. 2 year warranty is 1 year parts and labour, plus 1 year 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). 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.

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.

Raymor

**For more information contact
Raymor 1800 RAYMOR or visit our
website www.raymor.com.au**