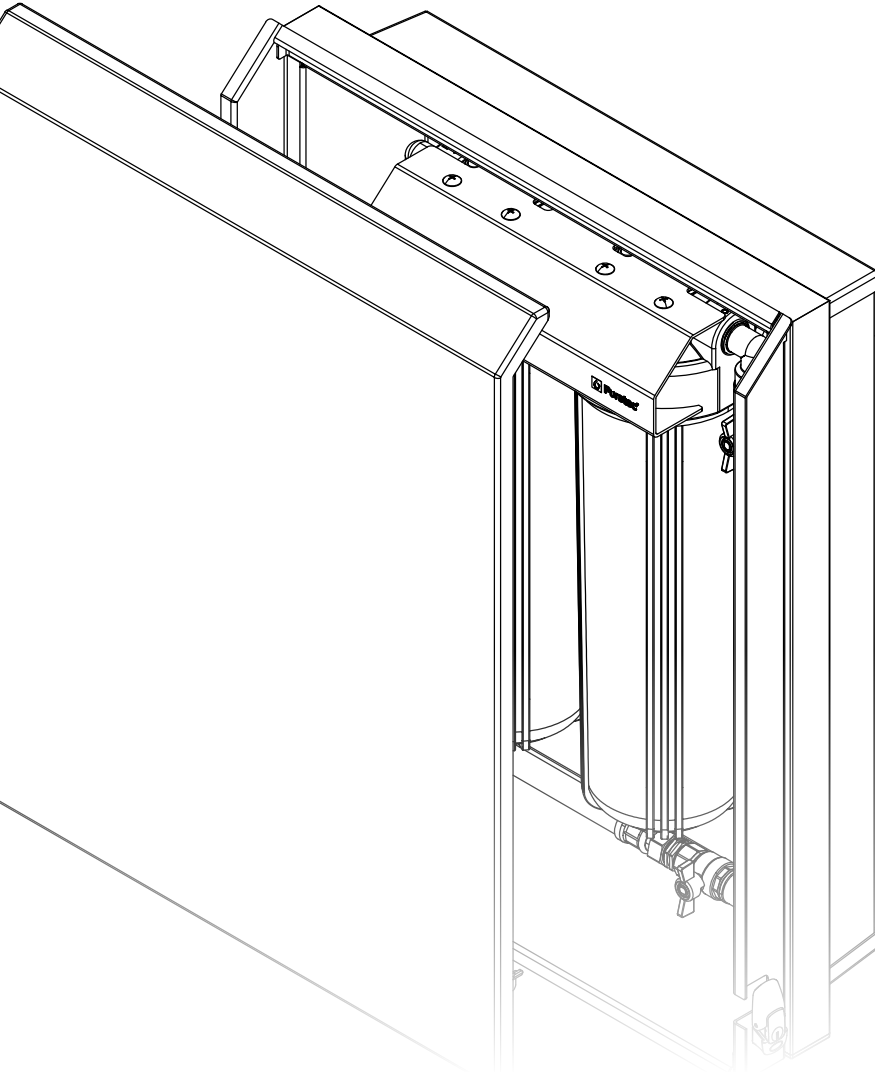




*FilterWall*TM

IMF2 Series System User Guide



What's Inside

Important Information	3
Preparing Your System	4
Installation Requirements	5
Installation Record	5
Fig. 1 - Parts Diagram, Enclosure	6
Fig. 2 - Parts Diagram, Filter Assembly	7
Fig. 2, 3 & 4 Internal Wall Installation (Builder Plans)	8
Fasica Assembly Instructions	11
Mounting The Fascia Frame To The FilterWall™ Enclosure	12
Installation	13
Cartridge Replacement	14
Bypass Shut Off Valve	15
Warranty	16



WaterMark

AS3497

Licence No. WM 74617

Pro-Switch Pty Ltd

IMPORTANT INFORMATION!

Use Guidelines

- Use for mains water supply only.
 - Do not expose the system to temperatures below 0°C, protect from freezing.
 - The system must be installed according to local plumbing codes on the cold water line only.
 - This system requires regular replacement of the filter cartridges to maintain proper operation. Varying chlorine, sediment, or organic substance levels may affect the replacement frequency.
 - Be sure to change the filter cartridges every 6 - 12 months, or whenever you detect a change in taste, odour or a decrease in flow.
 - Minimum operating pressure: 200 kPa
 - Maximum operating pressure: 875 kPa
- Note:** Where line pressure exceeds 500 kPa, an approved pressure limiting device must be installed to comply with Australian & New Zealand Plumbing Standards. A 500 kPa pressure limiting device has been included in the FilterWall™ system.
- Maximum operating temperature: 52°C
 - Nominal flow rate: 55 Lpm



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

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.

Preparing Your System

Thank you for purchasing a Puretec quality product. Puretec systems are designed to run economically for many years, dependent on the initial installation and periodical maintenance.

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

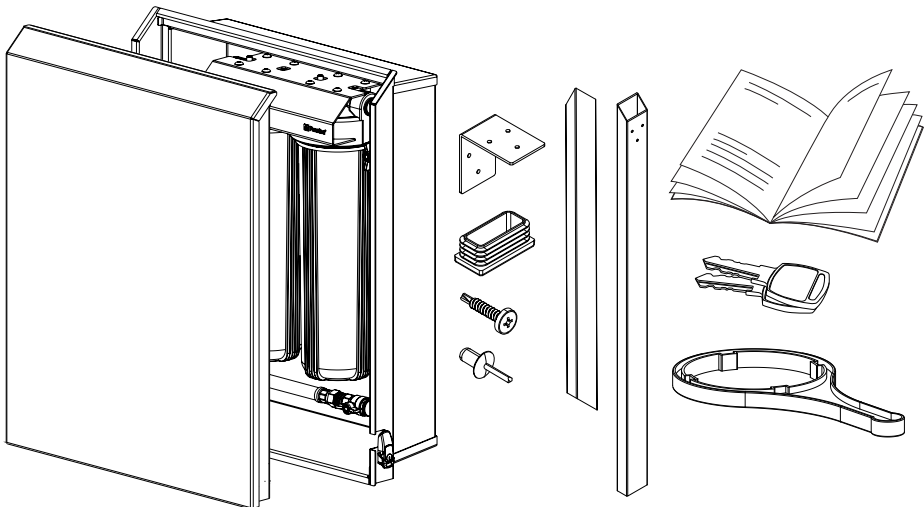
On removing your system from its carton, you should check all the components to ensure all are present and have not been damaged in transportation.

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 and the disposal of any material according to local laws and regulations.

You should have the following;

- FilterWall™ System Enclosure & Filter Assembly (pre-assembled with bypass)
- User Guide
- Spanner
- Set of Keys (for latches)
- Fascia Kit (located in the packing corners of the carton)
- Fasteners and sundries for assembling the fascia kit) : 2 x Angled Brackets, 2 x Poly Plugs, 12 x Rivets & 4 Tek Screws



Installation Requirements

- Suitable installation position on the housing frame between studs and joints (refer to the Builder Plans section and identify the installation option type).
- Connect to the cold water line only (20 mm copper or PEX).
- Ensure supply pressure is between 200 - 875 kPa

Note: Where line pressure exceeds 500 kPa, an approved pressure limiting device must be installed to comply with Australian & New Zealand Plumbing Standards. A 500 kPa pressure limiting device has been included in the FilterWall™ system.

- Select a suitable inlet connector 20 mm BSPF (not supplied)
- Select a suitable outlet connector 20 mm BSPM (not supplied)

Installation Record

For future reference, fill in the following data:

Product Information	
Model Number:	
Purchased from:	
Date of Installation:	
Installer / Plumber Details:	

Fig. 1 - Parts Diagram, Enclosure

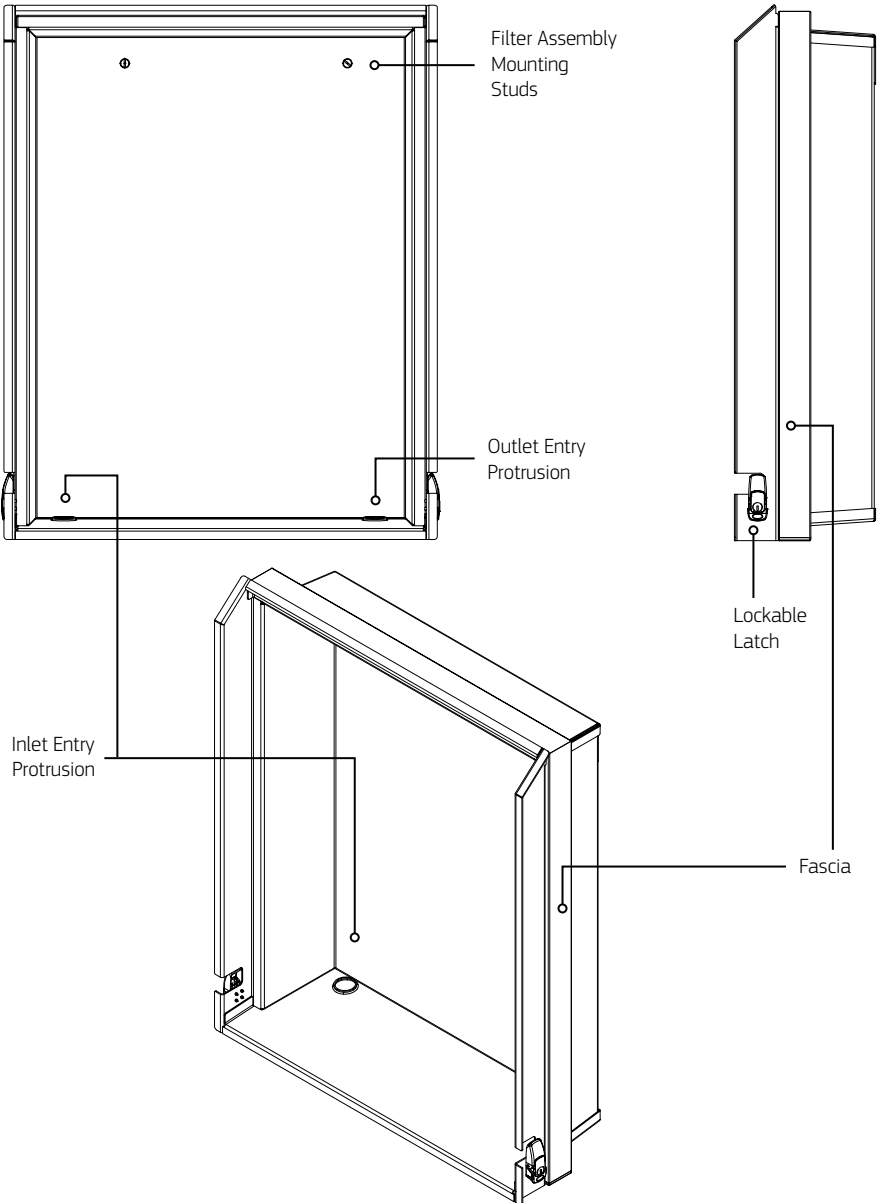


Fig. 2 - Parts Diagram, Filter Assembly

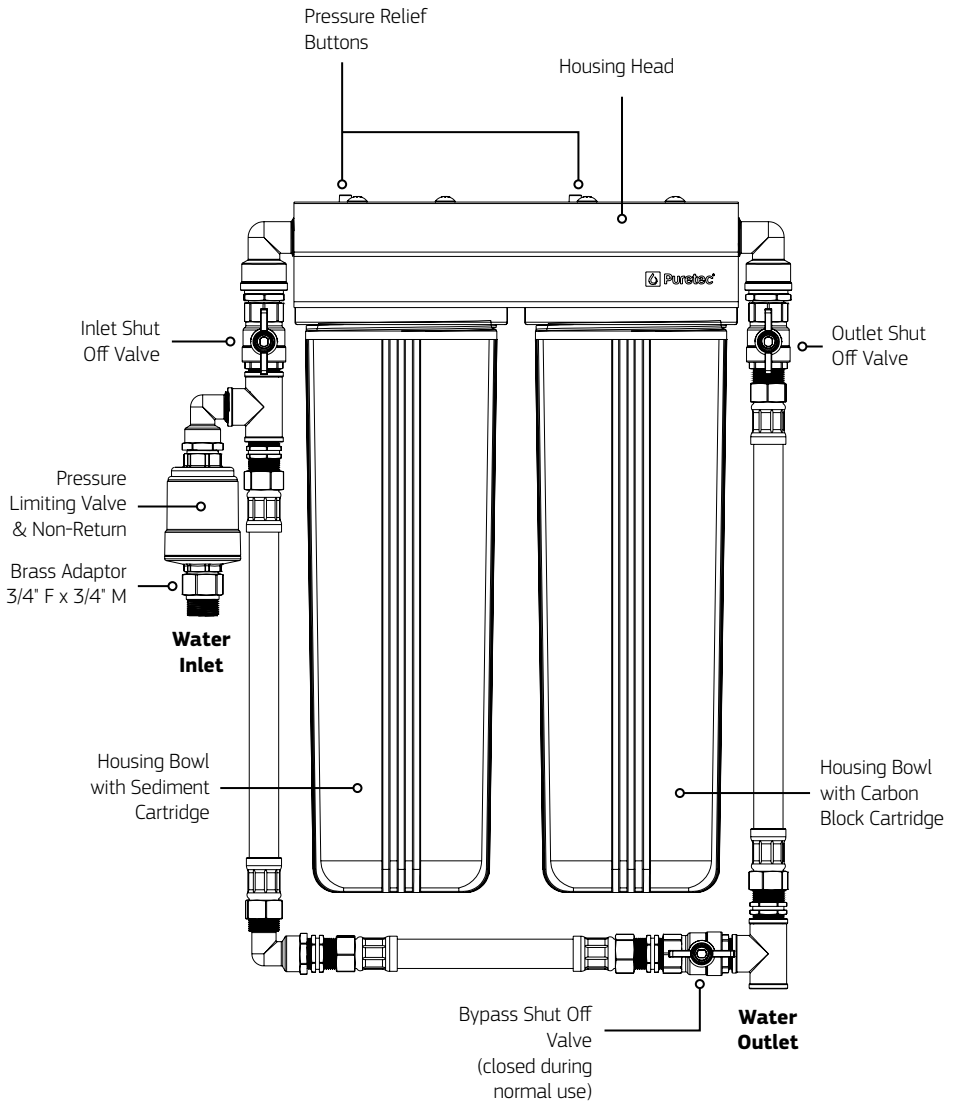


Fig. 3 - Internal Wall Installation

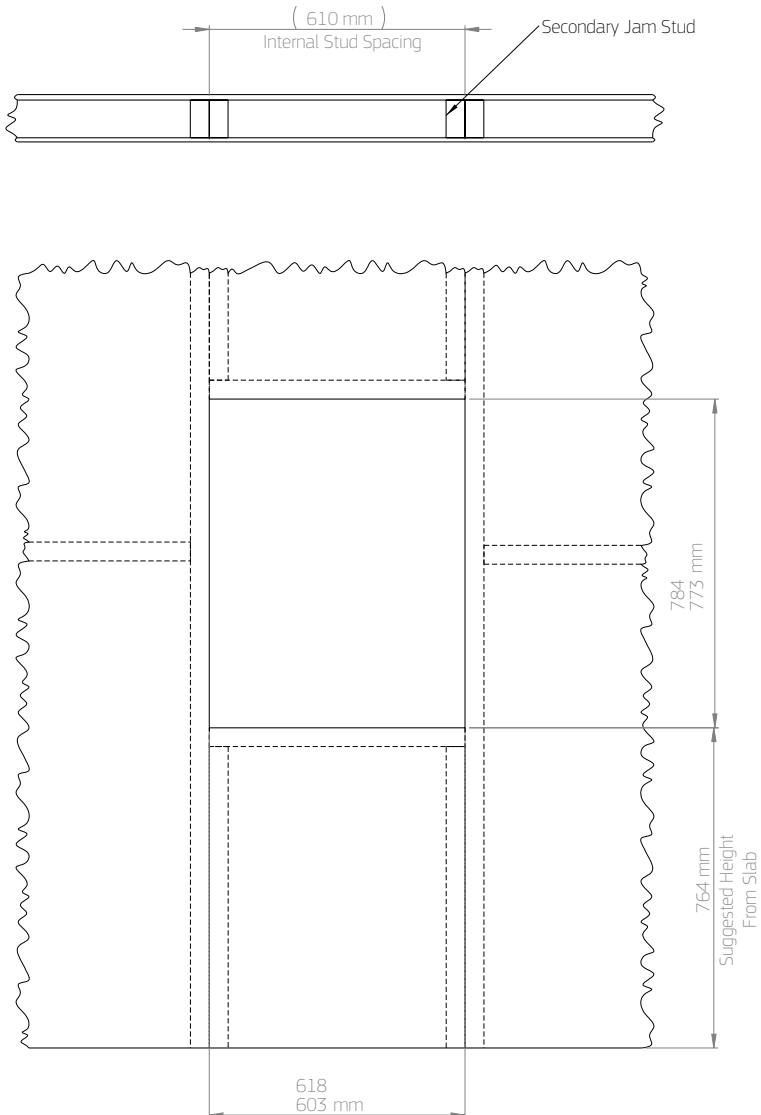
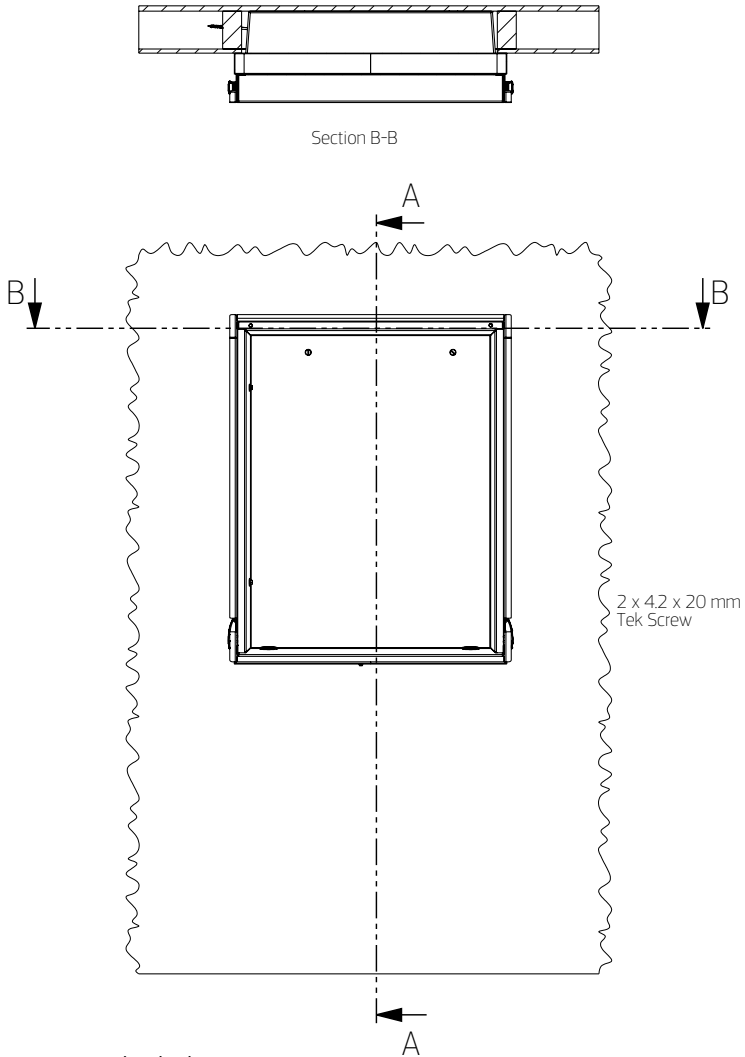
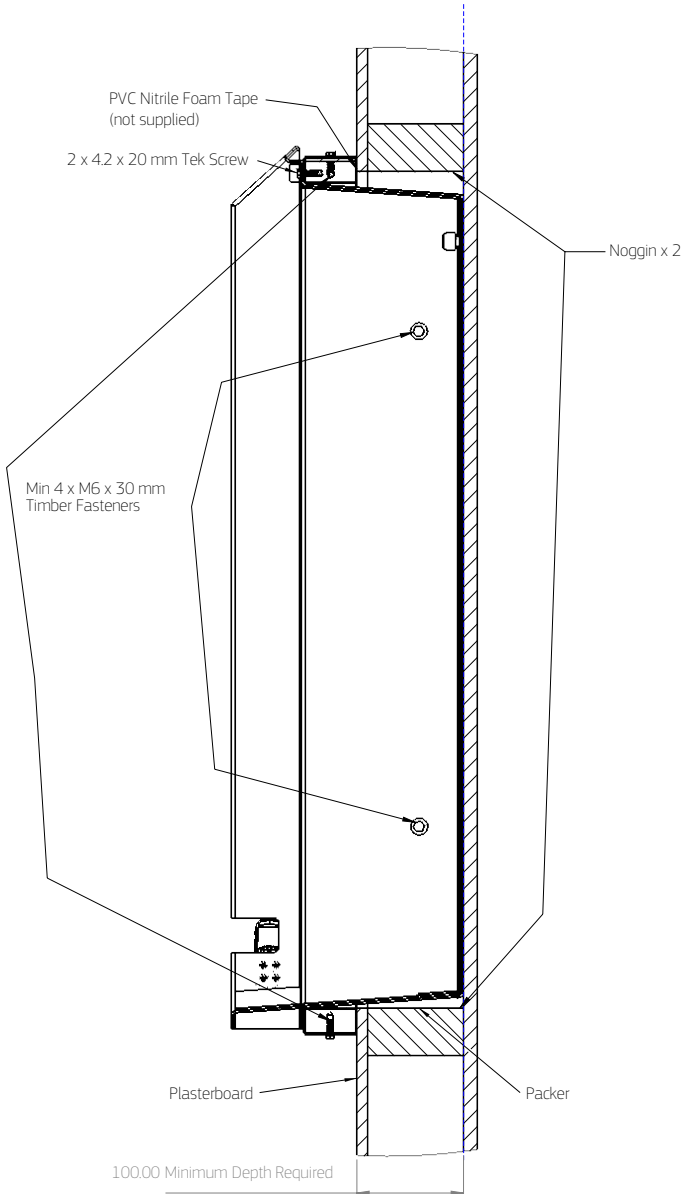


Fig. 4 - Internal Wall Installation



100 mm minimum depth shown.

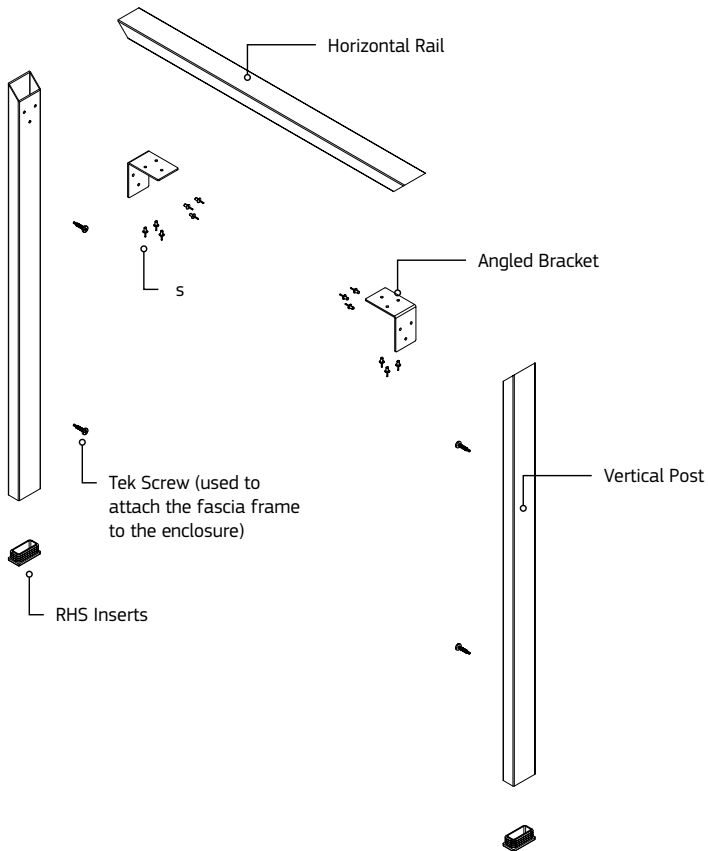
Fig. 5 - Internal Wall Installation



Fascia Assembly Instructions

Required Tools:

- Pop Rivet Gun (manual or battery operated)
- Drill
- #2 Phillips Head Drill Bit
- 3-4 mm metal drill (optional)
- Rubber Mallet (optional)



Once you have unpacked the frame components from the system carton and ensured all items are present you will need to assemble the frame.

This consists of 1 x Horizontal Rail (mitred at each end), 2 x Vertical Posts (mitred at one end), 2 x Angled Brackets, 2 x RHS Inserts, 12x Aluminium 5-3 Rivets (3.2-4.8 grip), and 4 x Wafer Head Tek Screws 10-16x16.

1. Insert an angled bracket into the mitred end of one of the vertical posts.
2. Align the fastening holes and insert 3 rivets.
3. Fasten the rivets using either a manual or battery operated rivet gun.
4. Repeat with the other angled bracket and vertical post.
5. Slide the angled bracket of a prepared vertical section into one end of the horizontal rail, aligning the fastening holes.
6. Insert 3 rivets and fasten the rivets with your rivet gun.
7. Repeat with the other prepared vertical post.
8. Turn the frame assembly upside down onto the horizontal rail.
9. Insert the RHS tube inserts into the open ends of the vertical posts.

Note: These are press-fit and may require the use of a rubber mallet (or similar) to be fully inserted into the open tube end.

Mounting The Fascia Frame To The FilterWall™ Enclosure

1. Stand the FilterWall™ enclosure upright.
2. Slide the prepared fascia frame over the enclosure.
3. Position the fascia frame centrally.
4. Fix the fascia frame to the enclosure through the face of the enclosure using the supplied Tek screws .
Tip: Pre-drill pilot holes using a small drill bit (3-4 mm) to reduce the likelihood of damage to the enclosure.
5. Now that the fascia frame has been installed onto your FilterWall™ enclosure, it is ready to be mounted.

Installation

The following instructions are a guide but the installer is responsible for compliance with any local regulations that may be applicable to this type of installation.

1. Ensuring all packaging has been removed, inspect the front panel of the enclosure to ensure it has not been damaged in transport. Also inspect the latches on the enclosure for any damage.
2. Unlock the latches on the front panel and remove the front cover (keys supplied in spanner bag).
3. Remove internal packaging from the FilterWall™ enclosure.
4. Inspect the filtration system for any damage that may have been caused in transit.
5. Remove the filter assembly from the enclosure by pushing up on the filter bracket and pulling the filter assembly forward over the mounting studs. The filter assembly should be placed in a clean, secure location while the enclosure is installed and secured in position.
6. Before installing the enclosure, refer to the internal wall installation building drawings and ensure all specifications are met. This system needs to be supported within the housing frame.
7. Locate a suitable position for the enclosure to be installed, ensuring the position is inline with accessible incoming mains water lines. Avoid areas exposed to excessive heat, direct sunlight, saltwater spray, snow, direct contact with water and avoid freezing. Install only on a flat wall, level and well supported position
8. Prepare the wall cut-out and reinforce the housing frame where necessary, ensuring the wall mounting does not compromise the frame or structural integrity in any way.
9. Prepare the inlet and outlet water lines for connection to the system.
10. Measure and mark the fixing points on the enclosure for fastening into the frame.
11. Insert the prepared enclosure into place using a suitable fixing method (Tek screws for example).
12. If installing in a new unoccupied home where the system will not be use, remove the filter cartridges from the filter housings before installing and testing the system (take note of the cartridge order). This ensures the capacity and performance will not be impacted prior to the homeowner residing in the home. Re-install the housing bowls.
13. Check that all pre-installed connections on the system are secure and have not loosened in transit.
14. Feed the mains water inlet pipe (Copper or PEX, not supplied) through the entry protrusion on the LEFT side of the enclosure.

15. Use approved Copper, PEX (or other) suitable fittings (not supplied) to connect to the mains water inlet line to the system inlet.
16. Feed the treated mains water inlet pipe (Copper or PEX, not supplied) from the system outlet through the entry protrusion on the RIGHT side of the enclosure.
17. Use approved Copper, PEX (or other) suitable fittings (not supplied) to connect to the mains water outlet line to the system outlet.
18. Loosen the ball valves of the bypass assembly by rotating the valve handle from open to closed, 2-3 times.
19. Ensure housing bowls are firmly connected to the head assembly using the supplied spanner.
20. Turn on the water supply and change the shut-off valve positions to allow water to flow through the system.
21. Test the system by opening an upstream tap.
22. Inspect the system connections for leaks, ensuring to check all connections including the bypass assembly. If required, retighten any connections and retest.
23. Once the system has been verified, turn the water supply off and install the filter cartridges in the correct order. Filter cartridges should only be installed when the water inside the home is going to be used on as daily basis.
24. Turn on the water supply. Your system is now ready for use.

Cartridge Replacement

To maintain high quality purified water, the filter cartridges need to be replaced every 6-12 months, depending on water quality and usage. An indication your filters need replacing is a decrease in water flow (filters are blocked with sediment and other containments) or bad taste and odour return. You can obtain replacement cartridges from your local Puretec dealer. To maintain performance standards and system warranty, use only genuine Puretec replacements.

Replacement Cartridge Codes;

Cartridge	Purpose	Size	Order Code
Polyspun	Sediment	20" x 4.5" MaxiPlus	PX05MP2
Carbon Block	Chemical, Taste & Odour	20" x 4.5" MaxiPlus	CB10MP2

Cartridge Replacement Procedure

1. Isolate the water supply by ensuring the inlet shut off valve is in the CLOSE position. Open up a downstream tap to relieve pressure to the system.
2. Unscrew the filter bowls, using the spanner provided. **CAUTION:** Bowls will be heavy.
3. Remove and discard the used cartridges according to local laws.
4. Clean the bowls with soap and warm water, then rinse thoroughly.
5. Check the O-rings for damage and lubrication. If necessary, apply a light coating of food grade silicone lubricant (or similar).

Note: Puretec recommends replacing the O-rings every 3-5 years to ensure the seal remains watertight and prevents any leaks.

Replacement O-ring ordering code: **MPOR-G**

6. Remove all packaging from the cartridges, including any wraps.
7. Place each cartridge into the filter bowl (see parts diagram for cartridge order), ensuring the cartridges are centrally located in the bowl.
8. Hold the each filter bowl upright from the bottom of the bowl while screwing into the filter head. Ensure the spigot in each housing head is located centrally to the cartridge to make a good seal and hand-tighten the bowl until firm. Use the supplied spanner to secure firmly (approx 1/4 turn), **DO NOT OVERTIGHTEN**.
9. Turn on the water supply by returning the inlet and outlet shut off valves to the OPEN position.
10. Check the system for leaks.
11. If leaks occur, repeat the steps to check cartridge alignment and bowl O-rings. If leaks persist, turn the inlet and outlet shut off valves to the CLOSE position and the bypass isolation to the OPEN position and call Puretec on 1300 140 140 (AU) or 0800 130 140 (NZ).

Note: Water will be unfiltered

12. When the system has been verified, allow the water to flow through the system by opening a downstream tap for 2 minutes to flush the system (this allows any air to be purged). Close the downstream tap. Your system is now ready for use.

Bypass Shut Off Valve

The bypass shut off valve should only be used during system failure/repair OR if the water supply cannot be disrupted. Using the bypass will mean the incoming water to the home/ building will be unfiltered.

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.

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.

10 year warranty is 1 year 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.

Warranty/Australia

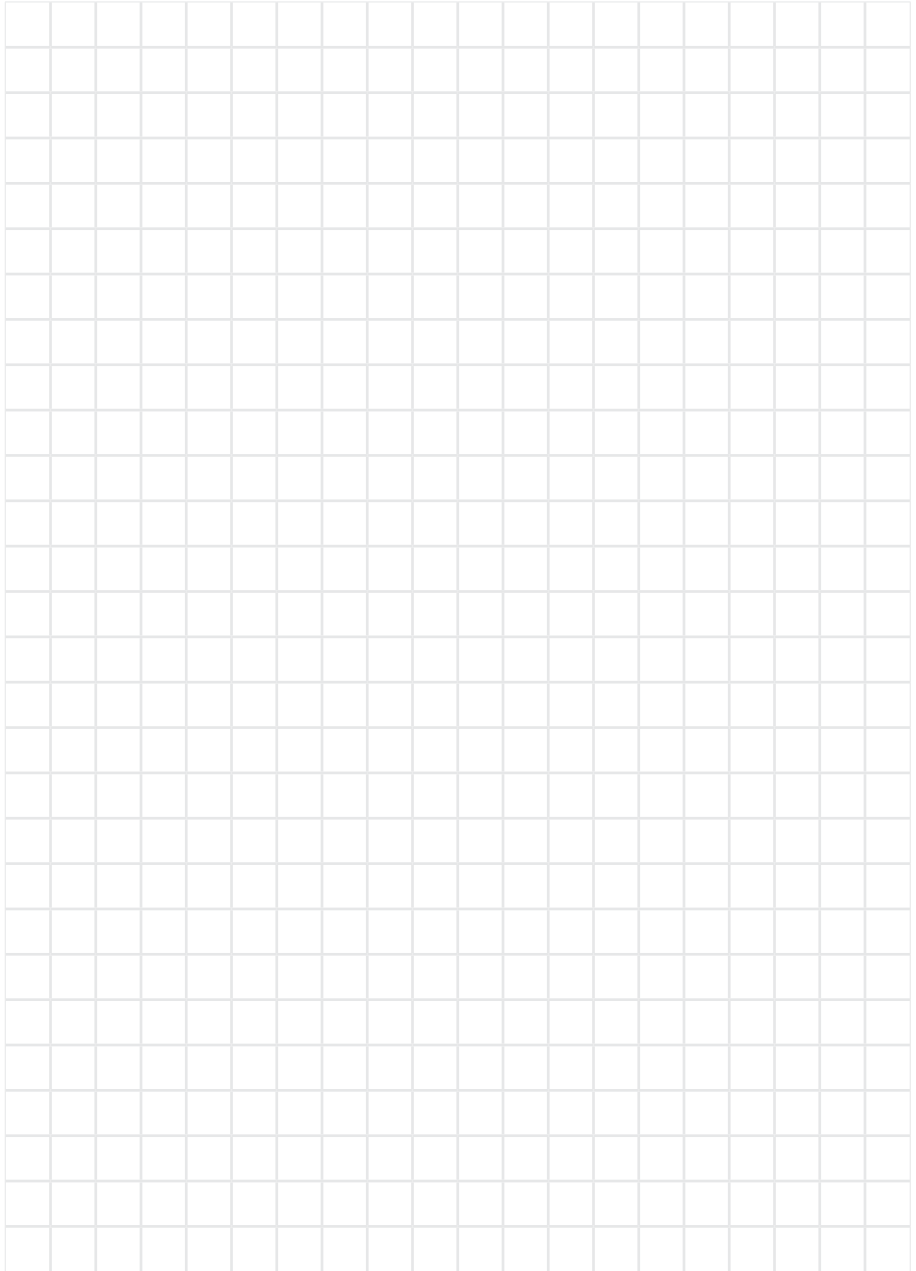
This warranty is given by Puretec Pty Ltd, ABN 44 164 806 688, 37-43 Brodie Road, Lonsdale SA 5160, telephone no. 1300 140 140 and email at sales@puretec.com.au.

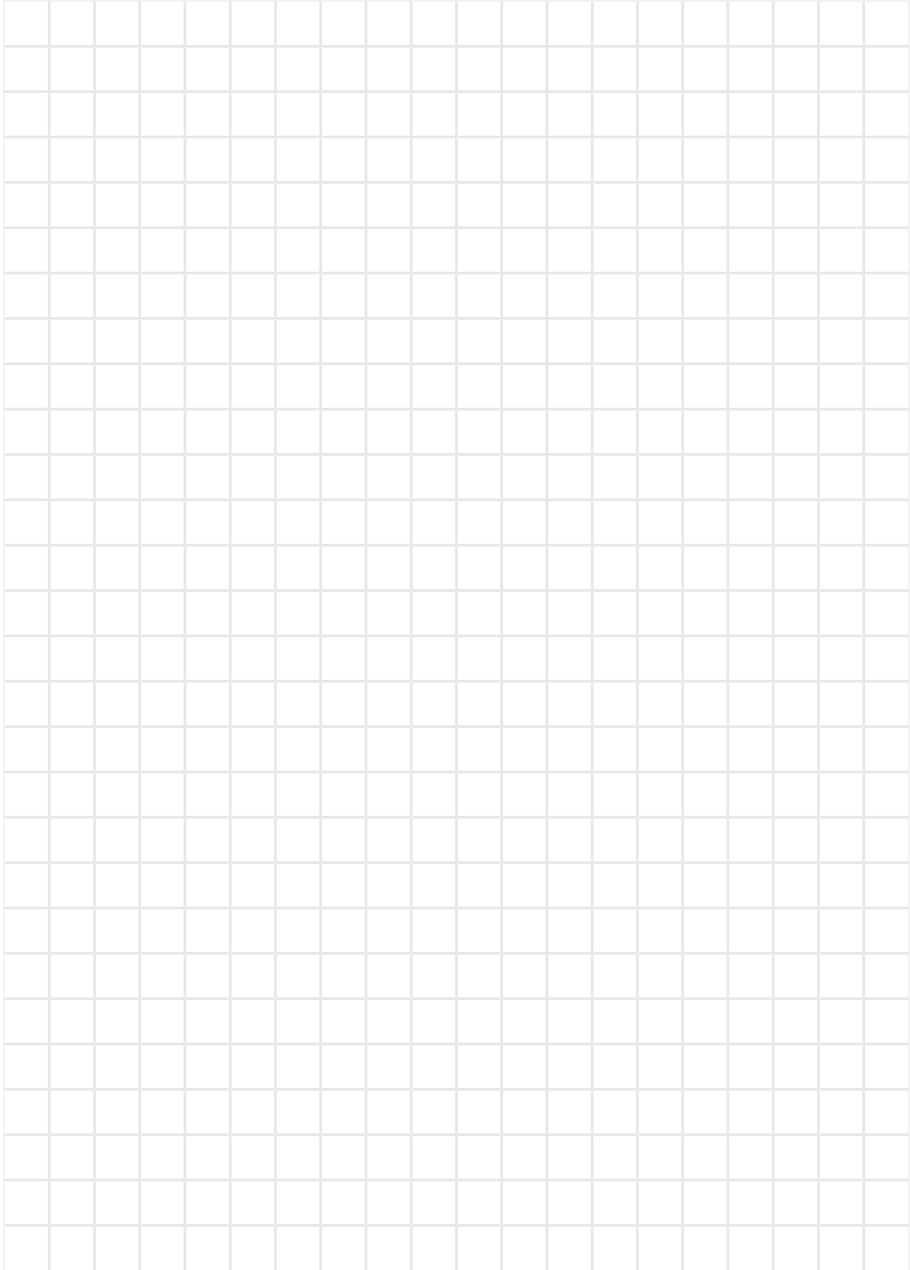
This warranty is provided in addition to other rights and remedies you have under law: Our goods come with guarantees which cannot be excluded under the Australian Consumer Law. You are entitled to replacement or refund for a major failure and to compensation for other reasonably foreseeable loss or 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.

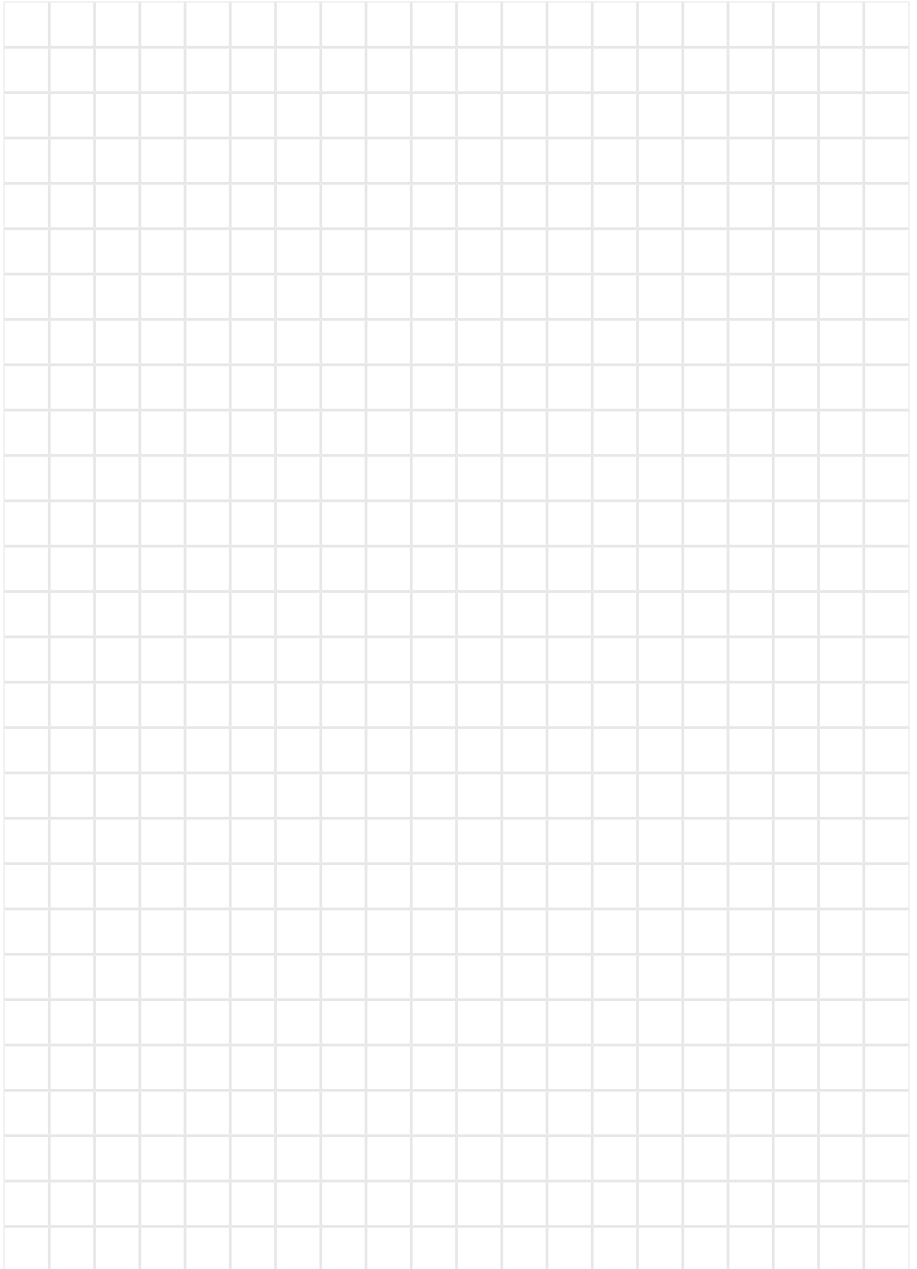
Warranty/New Zealand

This warranty is given by Puretec NZ LP, Reg. No 50081773, PO Box 875 Cambridge 3450 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.









AUSTRALIA

P 1300 140 140

E sales@puretec.com.au

W puretec.com.au

NEW ZEALAND

P 0800 130 140

E sales@puretec.co.nz

W puretec.co.nz