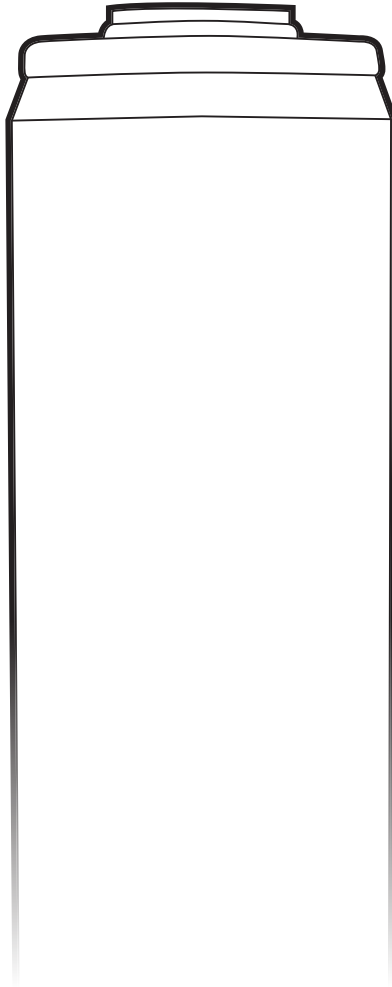




TR20MP2

Tannin Reduction Cartridge User Guide



Introduction

Thank you for purchasing a Puretec Tannin Reduction Cartridge. Your cartridge is a proven performer manufactured from only quality materials and components.

The TR Series cartridge is specifically for tannin/organics reduction from rainwater supplies only. It is not designed for sediment or taste/odour reduction, so is best used in conjunction with a two or three stage filtration system such as the HYBRID-G13. A 5 micron sediment prefilter is required to avoid premature blocking of the TR Series cartridge. Carbon post-filtration is required to reduce taste & odour.

The TR20MP2 is a brine regenerable drinking water cartridge that removes tannin through the use of tannin selective ion exchange resin.

Please follow the initial installation guidelines carefully. If you require any assistance, please contact our 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.

Specifications

Model:	TR20MP2
Min/Max Operating Pressure:	100 - 900 kPa
Min/Max Temperature:	0°C - 40°C (protect from freezing)
Min/Max Flow:	0 - 25 Lpm
Micron Rating:	20 micron

Activation Procedure (Prior to Use)

The TR Series cartridge will need to be activated prior to use, and regenerated whenever the colour in the water starts to return. After 12 months usage it is recommended to replace the cartridge.

It is important to note that the level of tannins/organics and the volume of water consumed are two factors which will impact the regeneration frequency. Puretec always recommends taking preventative measures including trimming back overhanging foliage, installing gutter mesh and devices to divert the first flush of rainwater away from the storage tank(s).

Do not remove/unscrew the cartridge caps at any time.

- Remove the cartridge from box, and free the cartridge from the plastic wrap and black plastic transit ends.
- Unscrew the filter bowl being used for the Tannin Reduction Cartridge from your water filter housing.
- Ensure the filter housing bowl is empty and add 400 grams of rock salt to the bowl.
- Fill to 1/4 with warm water and stir to dissolve the rock salt.
- Add the filter cartridge to the filter housing bowl.
- Top up the filter housing bowl with cold water and allow the cartridge to soak for 30 - 60 minutes.
- Empty the bowl and remove the cartridge, letting it drain for 1 - 2 minutes before placing it back into the housing bowl and screw the bowl into the housing head.
- Flush the salty water out of the cartridge for 1-2 minutes, by turning the water supply on and opening the tap closest to the filter system.
- The cartridge is ready for use.

Regeneration Procedure (As required)

The TR Series cartridge will need to be regenerated whenever the colour in the water starts to return. It is important to note that the level of tannins/organics and the volume of water consumed are two factors which will impact the regeneration frequency. Puretec always recommends taking preventative measures including trimming back overhanging foliage, installing gutter mesh and devices to divert the first flush of rainwater away from the storage tank(s). Replace the cartridge every 12 months, or sooner if significantly shortened capacity is observed.

Please follow the procedure below to regenerate the cartridge:

- Turn off the water supply and release pressure by opening a downstream tap.
- Unscrew the housing bowl and remove the filter cartridge (if already installed) and allow the cartridge to drain completely.
- Empty the filter housing bowl and add 400 grams of rock salt to the bowl.
- Fill to 1/4 with warm water and stir to dissolve the rock salt.
- Add the filter cartridge to the filter housing bowl.
- Fill with cold water to the top of the housing bowl and allow to soak for 30 - 60 minutes.
- Empty the bowl and remove the cartridge, letting it drain for 1 - 2 minutes before placing it back into the housing bowl and screw the bowl into the housing head.
- Flush the salty water out of the cartridge for 1-2 minutes, by turning the water supply on and opening the tap closest to the filter system.
- The cartridge is ready for use.

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