

## GENERAL INFO

## COMMERCIAL / INDUSTRIAL WATER FILTRATION

The Puretec ROS2700 Series features continuous-flow water production operates on line pressure, which eliminates the need for an electrical booster pump in most applications. It uses water pressure to reverse a natural physical process called osmosis. Water under pressure, is forced to a semi-permeable membrane to filter out minerals and impurities. The treated water goes to the faucet, minerals and other impurities are sent to the drain with RO waste water. The patented high production, low-energy membrane purifies up to 2,725 liters (720 gallons) of water per day!

## FEATURES & BENEFITS

- Continuous flow.
- Uses line pressure only (>40 psi/2.76 bar).
- Compact design - fits easily under sink.
- Stand alone system, inlet/outlet fittings are not included.
- Consistant, high recovery system means less water going to drain.
- Up to 2,725 litres per day.
- Maximum inlet TDS 2000mg/L, limits apply.

### Important System Note:

Reverse osmosis systems are unique in that they flush the impurities away. Therefore every RO system has both pure PRODUCT water and dirty REJECT water. The ratio of product to reject is generally about one to two. The Reject water is usually dispensed down the drain although it can be directed to the garden if desired.

To be environmentally friendly, the Puretec RO system has a built in shut off valve so that when the storage tank is full it stops producing water.



ROS2700

1/2" connection, max. flow: 2,725 Lpd

## SPECIFICATIONS

Ordering Code:	ROS2700
Replacement parts and cartridges:	
Carbon Pre-Filter:	ROS-CB01
RO Element:	ROS-RET (2 x required)
Flow Rate:	2,725 Lpd
Min/Max Temperature:	4 - 38°C (protect from freezing)
Min/Max Pressure:	275 - 520* kPa
Connection:	1/2" Tube (Inlet), 3/8" Tube (Drain), 3/8" Tube (Product)
Micron Rating:	0.0005
Warranty:	1 year^

Important Note: Use only genuine Puretec replacement cartridges. \* 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). ^1 Year warranty is 1 year parts and labour. Excludes consumables.

**FILTER/MEMBRANE PERFORMANCE SPECIFICATION**

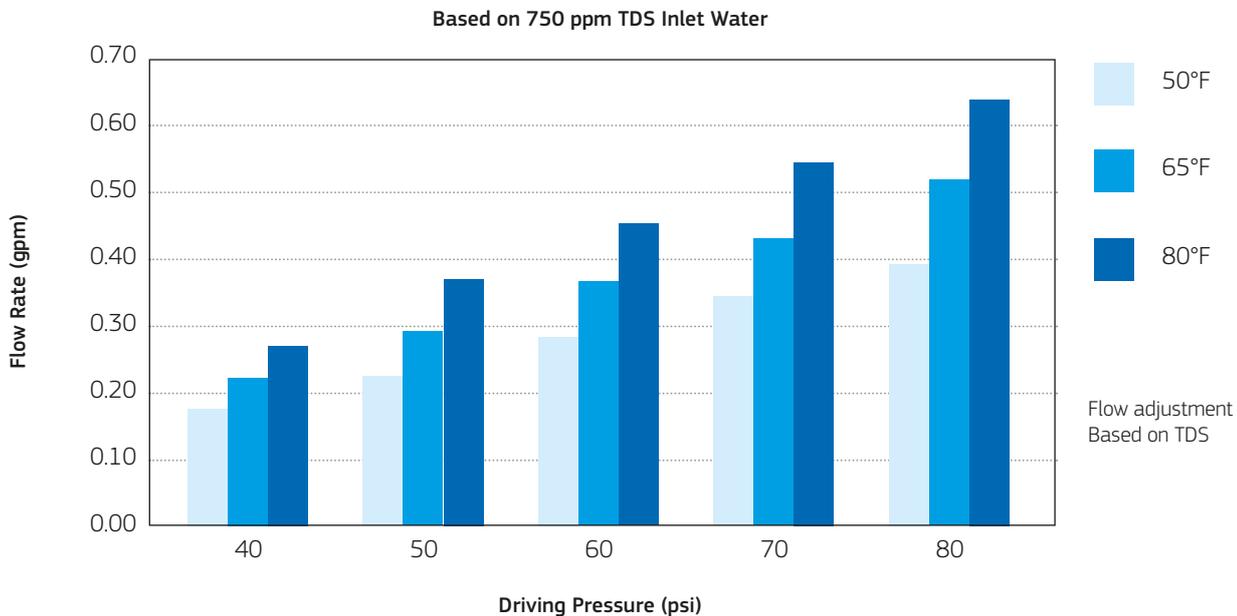
Model	Quantity	Filter Type	Flow Rate*	Average Life
<b>ROS-CB01</b>	1	Carbon Pre-filter	14.2 Lpm	6-12 months, 37,850 litres
<b>ROS-RET</b>	2	RO Element	0.95 Lpm	2-4 years

\*Based on internal testing data.

**MINIMUM AND MAXIMUM OPERATING CONDITIONS**

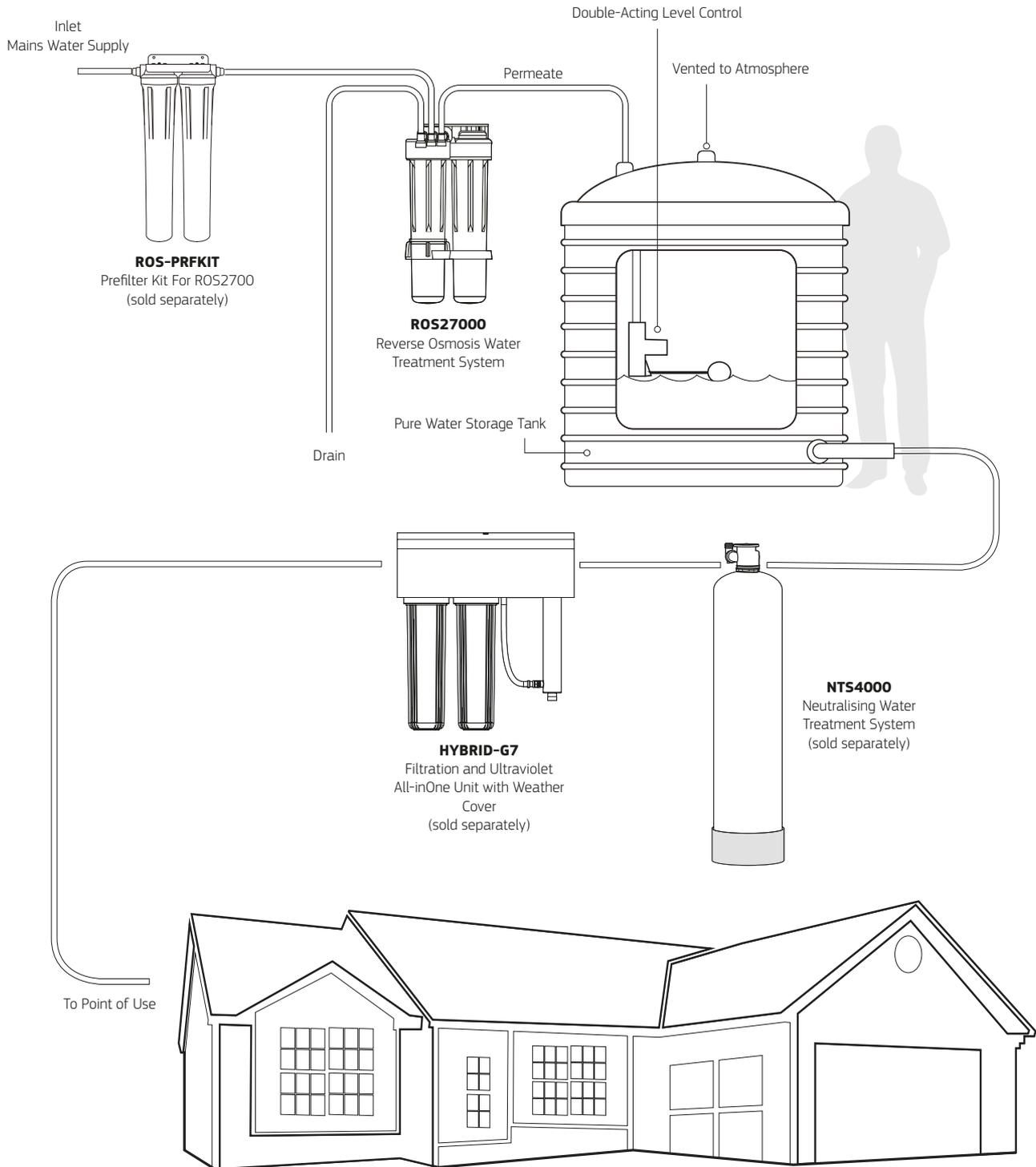
Condition**	Minimum	Maximum
Inlet Pressure	2.76 bar [40 psi]	5.52 bar [80 psi]
Inlet Temperature	4°C	38°C
Inlet TDS	50 mg/L	2,000 mg/L (limits apply)
Inlet Hardness	0 mg/L - (0 grain)	171 mg/L - (10 grain)
Inlet Chlorine	0 mg/L	1.0 mg/L
Inlet Silt Density Index (SDI)	0	5 NTU
Inlet Manganese	0 mg/L	0.05mg/L

\*\*Systems are designed for use on potable water sources only.

**PERFORMANCE - FLOW RATE CHARACTERISTICS\*\*\***


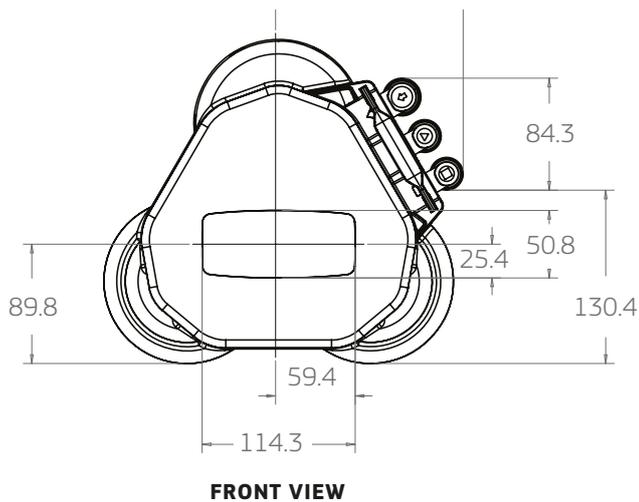
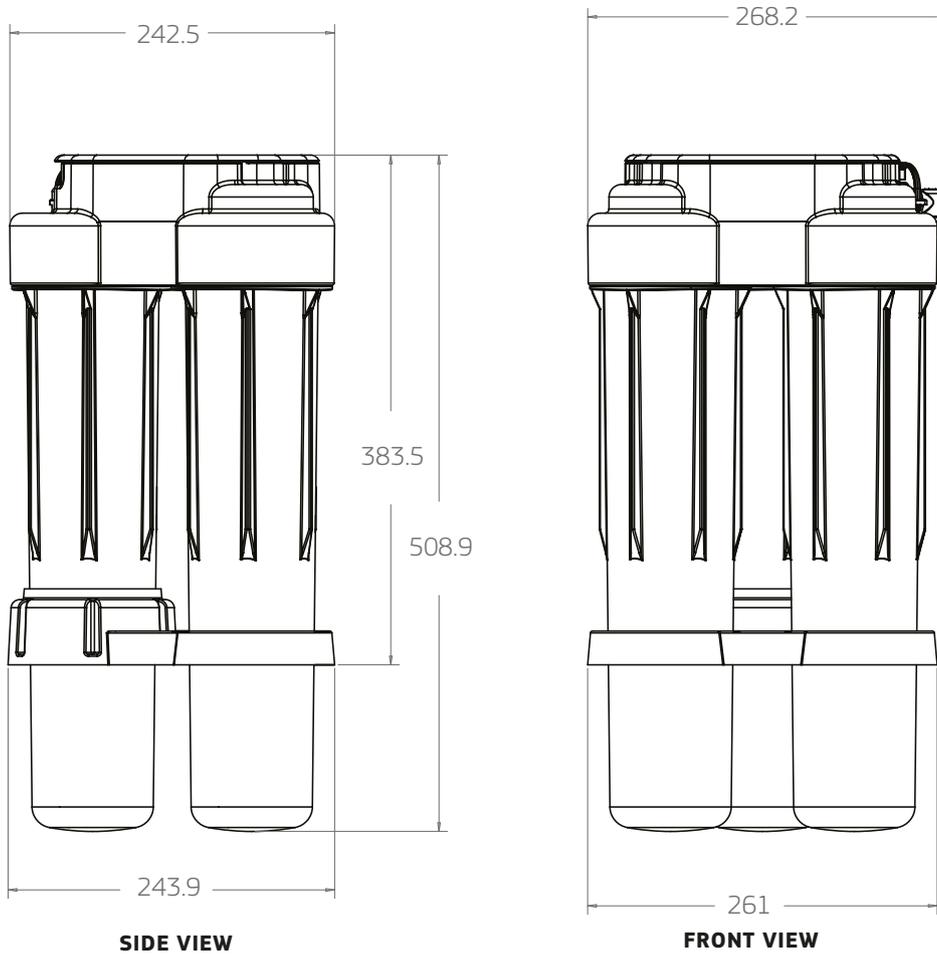
\*\*\*Estimated flow based on internal test data. Actual performance may vary.

**WHOLE HOUSE INSTALLATION DIAGRAM**



**Note:** The ROS2700 is a stand alone system, installation fittings are not included.

**PRODUCT DIMENSIONS** Measurements in Millimeters (mm)



**Note:**

1. No claims can be made based on the specifications and images in this document. The design, technology, colours, features and prices are subject to change.
2. This document and all its contents are copyright protected. All rights are reserved, particularly alteration, translation and reproduction using electronic systems.
3. ^Warranties in this document cover parts for the period stated and include cover for parts and labour for the first year where applicable, subject to approval. Excludes consumables.

Our Water Filtration Specialists can provide you with advice to suit your needs.