

## *Reverse Osmosis – Pressurised Water Storage Tanks*



### *Features*

- Patented stainless steel connection for RO permeate inlet and draw-off
- Virgin polypropylene liner
- Butyl diaphragm to separate the permeate water and air pre-charge
- Smooth internal surface
- Two-part epoxy finish
- Pre-tested and Maintenance free
- Temperature range 0.5°C to +40°C
- Maximum working pressure 700kPa

The volume of water that can be contained in the tank will vary with the initial air pressure used to pressurise the tank and the permeate pressure used to fill the internal tank reservoir. The actual volume of water that the tank is capable of holding is referred to as the draw-down volume. When sizing a storage tank, consideration must be given to this draw-down volume, permeate pressure from the RO system and your patterns of use.



Pressurised storage tanks extend the applications for the QRO and similar types of smaller reverse osmosis systems to cater for high peak demands that exceed the production capacity of the system. Tanks are available with capacities between 7.6 litres to 326 litres.

## Reverse Osmosis – Pressurised Water Storage Tanks

<i>Model</i>	<i>Total litres/Draw down @140kPa</i>	<i>Colour</i>	<i>Connection size/thread</i>	<i>Thread Material</i>	<i>Diameter (mm)</i>	<i>Height (mm)</i>	<i>Shipping Weight</i>
RO-2/ROT-120	7.6/3.3	Blue	¼" thread	SS	201	317	2.3kg
RO-3/ROT-122	12.1/5.2	White	¼" thread	SS	244	366	2.9kg
RO-4/ROT-132	17.0/7.2	White	¼" thread	SS	279	368	3.65kg
RO-6/ROT-152	24.0/14.5	White	¼" thread	SS	290	390	4.73kg
RO-14/ROT-1070	53.0/22.9	Blue	¾" thread	SS	390	626	11.0kg
RO-20/ROT-2000	76.0/21.8	Blue	1" thread	SS	390	790	15.0kg
RO-34/ROT-129	129/34.4	Blue	1" thread	SS	500	850	20.5kg
RO-44/ROT 176	176/48	Blue	1.25" thread	SS	550	900	26.0kg

Using of a pressurised storage tank eliminates possible re-contamination of treated water during storage. No pumps are required to deliver the water to your points-of-use. Post-treatment stages such as deionisation, ultra-filtration, sub-micron filtration or UV sanitation are easily added to this pressurised treated water supply if required.