

## FAQ'S Reverse Osmosis

*Reverse Osmosis is also referred to as "RO" in this document*

### 1. Installation requirements:

- Water supply. This is preferably the same water supply that goes to the kitchen mixer.
- Power Supply. This needs to be a standard wall plug so that one can easily disconnect & switch off the power supply.
- Reverse Osmosis Tap:
  - New Kitchens. If the kitchen is new, one can choose any option for the tap. One may use a RO tap (see image A below) combined with any kitchen mixer alternatively one can opt for a dual function mixer which gives you both functions in one tap (see image B below).
  - Existing Kitchens. If your kitchen is already in use, we can install a RO tap (Image A) on worktops made from postform or directly into Stainless Steel Kitchen Sinks. If your work top is made from Natural stones such as Granite, Marble, Quartz or any other hard materials including seamless tops, once will have to replace their kitchen mixer and opt for Image B.
  - One can see the full range of RO mixers on [Bridgepoint - Dual Function Kitchen Mixers](#)



### 2. Dimensions. (Domestic Model BPW30180) [Bridgepoint RO Dimensions](#)

Height 50cm x Width 36cm X Projection 18.5cm. 10 Litre Pressure Vessel has a 22cm Diameter.



### 3. Water Production

- **How Much water can the BPW301801 produce?**
  - The domestic model can produce up to 180 litres of water in a 24-hour period, which equates to 7.5 Litres per hour. The pressure vessel also contains an additional 10 Litres of water which is readily available. So, during high water demand the system can deliver around 17 litres of water in 60 minutes.
- **How Much water does the RO waste?**
  - Depending on the TDS (Total dissolved solids part per million) found in the tap water in your area, the RO will waste anything between 30% to 60%
- **What is the true cost of the water produced?**
  - If we were to use a RO which wastes 90% of the water the cost per litre is worked out as follows. 1 cubic meter of tap water cost €2.18. So, if 900 litres are thrown out the 100 litres left over will cost €2.18, which works out to €0.022c per litre which is €0.055c per 2.5 litre of bottled water based on 90 % wastage. (This is never the case)
- **Can I recycle the wasted water?**
  - Yes, you can recycle the waste water especially if you have a yard, as this would only require the water pipe to be fed outside to collect the water. If you want to place the water back into the roof tank this can be a bit more complicated as it will compromise the pump and membrane unit of your reverse osmosis. Although the RO unit generates enough pressure to lift the water to the roof you will automatically void the warranty cover of the pump.
  - The true cost based on a realistic 50% wastage and using three, 2.5 litre bottles a day, the cost of produced and wasted water combined is €0.04c per day. Water produced is 7.5 litres, and water thrown out is 7.5 litres.
- **How Much do the filters cost?**
  - The BPW301810 is a 5-stage system, which has 5 filters. The first filter needs to be replaced every six months and the second 2 need to be replaced every year. This can be done via a maintenance agreement with Bridgepoint which is charged at €60.00 annually. This service charge includes 2 yearly visits and the cost of the filters. You can also opt to change the filters yourself and these would cost €20.75 annually. Every two years the last two stages need to be replaced and these have a combined cost of €76.00. If however, you opt for the maintenance agreement these will cost only €57.00 for both.