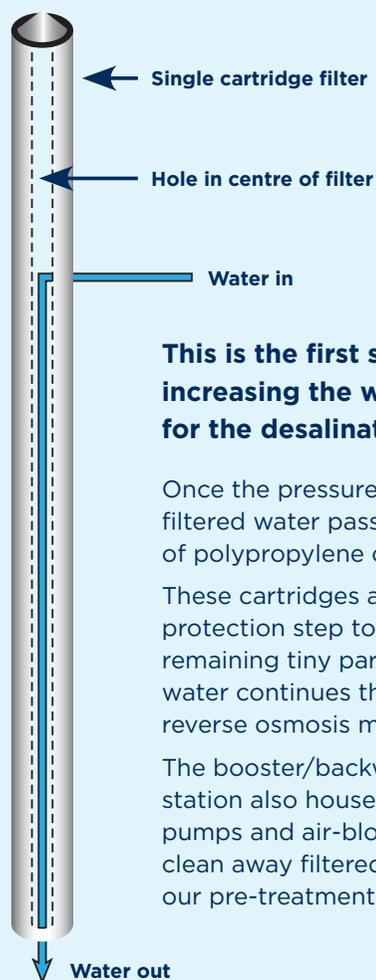
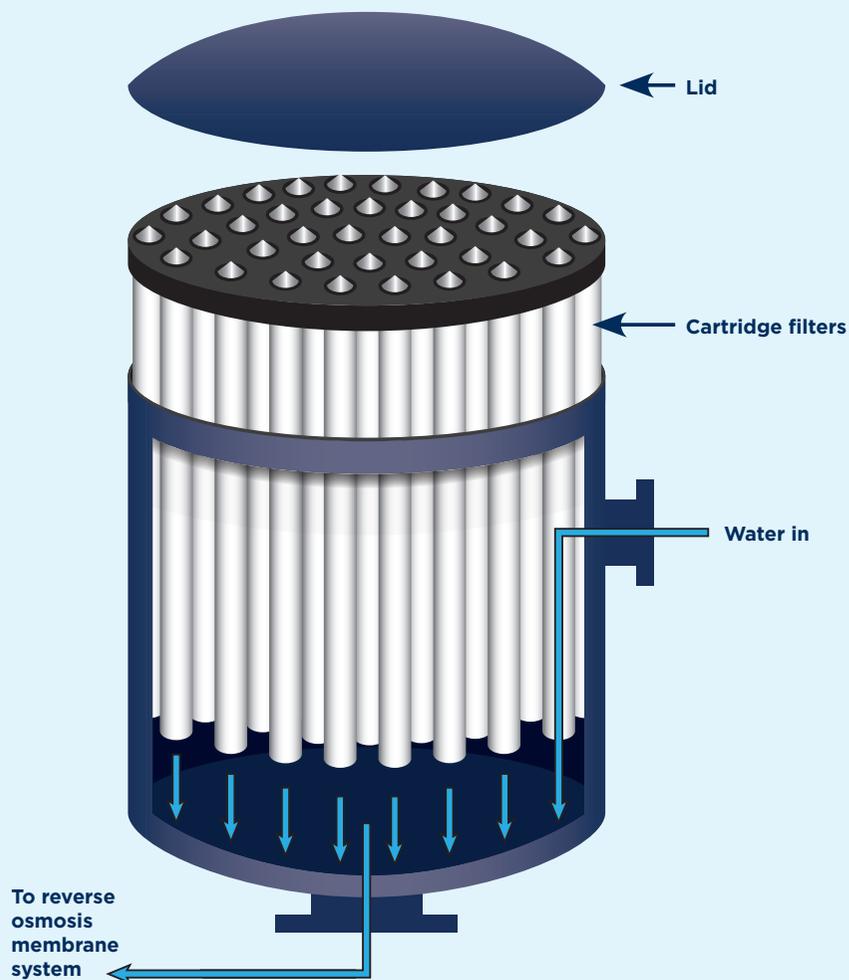




Booster pumps & cartridge filters

Filtered seawater from the pre-treatment facility arrives here at the Booster Pump Station, where the water pressure is boosted up to 10 bar (enough to shoot water up to a height of 100 metres).



This is the first step in increasing the water pressure for the desalination process.

Once the pressure is increased, the filtered water passes through a set of polypropylene cartridge filters.

These cartridges act as a final protection step to catch any remaining tiny particles before the water continues through to our reverse osmosis membrane system.

The booster/backwash pump station also houses the backwash pumps and air-blowers, which clean away filtered material from our pre-treatment filters.



Did you know?

Our desalinated drinking water tastes the same as water provided by Sydney's other drinking water sources.