

XTNK Series

Reverse Osmosis System High Volume Storage Tanks

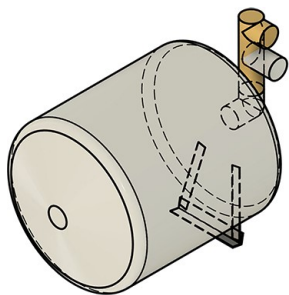


All Xsential reverse osmosis systems come with a storage tank. A pressurized storage tank for reverse osmosis product water is needed to deliver reverse osmosis water to the faucet or appliance. It does this by using the air pressure within the tank to push the water to where it needs to go. Water is stored in a bladder within the tank vessel opposite pressurized air.

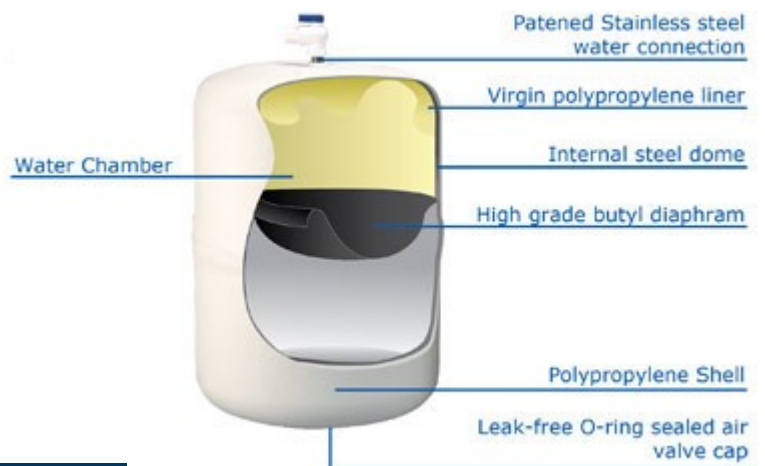
As the bladder fills, the back pressure increases until it reaches a pre-set pressure limit (as determined by the shut-off valve, sold separately), causing the shut-off valve to cut off the feed supply to the reverse osmosis system. Water will remain in the bladder until the faucet/ appliance solenoid is opened, the air pressure surrounding the bladder will force the water out of the storage tank and a directed point of use. As water is used, the pressure will drop until the shut-off valve disengages, allowing feed water to the RO system to resume until the tank is refilled.

Xsential reverse osmosis system pressure tanks use a butyl diaphragm and polypropylene liner to separate the water and air.

These materials limit the growth of germs and prevent



XTNK40 With Horizontal Setup Design is now available



Model	Dimension	Base	Volume (L)
XTNK40	60cm (H) X 40cm (Dia)	13cm	40
XTNK96	80cm (H) X 50cm (Dia)	13cm	96
XTNK150	95cm (H) X 55cm (Dia)	13.6cm	150

Remark

All Tanks are Pre-charged with pressure. So further pressure adjustment is required.