

XTNK Series

Reverse Osmosis System Low Volume Storage Tanks



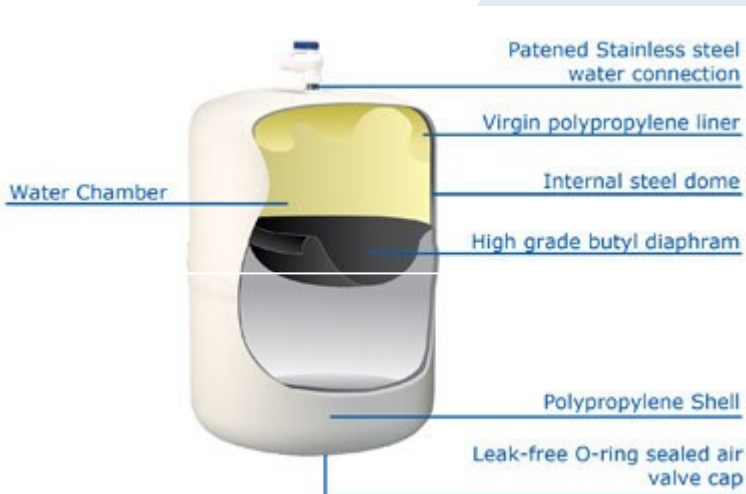
All Xsential reverse osmosis systems come with a storage tank. A pressurized storage tank for reverse osmosis product water is needed to deliver reverse osmosis water to the faucet or appliance using air pressure within the tank. Water is stored in a bladder within the tank vessel opposite pressurized 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 impurities inside the tank .

Model	Dimension	Base	Volume (L)
XTNK12	36cm (H) X 24cm (Dia)	NA	12
XTNK19	40cm (H) X 28cm (Dia)	NA	19



Remark

All Tanks are Pre-charged with pressure.
No pressure adjustment is required.

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