

REVERSE OSMOSIS SYSTEM

Point of use treatment reverse osmosis systems can deliver your residence purer, cleaner water, leveraging pressure to feed water through a semipermeable membrane that rids it of contaminants.

The water flows from the more concentrated side of the membrane, which features more contaminants, to the less concentrated side. This is the opposite of traditional osmosis, which sees water become more concentrated as it passes through a membrane in order to reach equilibrium on both sides.



REVERSE OSMOSIS CAN RID YOUR WATER OF HARMFUL CONTAMINANTS, BAD TASTE AND ODORS. THIS SYSTEM CAN EASILY BE INSTALLED AND MAINTAINED.

REVERSE OSMOSIS SYSTEM	
MODEL	WRO-50-R
DAILY PRODUCTION RATE	29.8 gpd (113 lpd)
RECOVERY RATE	36.5%
PRESSURE DROP @ RATED FLOW	5 psi
EFFICIENCY RATING	18.6%
OPERATING PRESSURE (PSI)	40-100
OPERATING TEMPERATURE	40-100°F (4-38°C)
PRODUCTION STORAGE CAPACITY	2.7 GALLONS (10 LITERS)
DRAIN FLOW RATE	0.125 gpm (0.473 lpm)
WIDTH	14" (36 cm)
DEPTH	6" (15 cm)
HEIGHT	16" (41 cm)
WEIGHT	30 lbs (13.6 kgs)

PART NUMBER	DESCRIPTION	QTY	REPLACEMENT CYCLE
7010020	FILTER HOUSING & O-RING	1	AS NEEDED BASIS
7010021	5 MICRON SEDIMENT FILTER	1	6 MONTHS
7010022	CARBON SEDIMENT FILTER	1	6 MONTHS
7010023	RO MEMBRANE	1	2-5 YEARS
7010024	INLINE CARBON FILTER	1	6 MONTHS
7010025	MEMBRANE HOUSING	1	AS NEEDED BASIS
7010026	STORAGE TANK	1	AS NEEDED BASIS
7010027	SUPPLY FEED COMPONENTS	1	AS NEEDED BASIS
7010028	AIR GAP FAUCET	1	AS NEEDED BASIS
7010029	AUTOMATIC SHUT OFF VALVE	1	AS NEEDED BASIS
7010030	STORAGE TANK BALL VALVE	1	AS NEEDED BASIS
7010031	DRAIN CONNECTOR	1	AS NEEDED BASIS
7010032	FLOW RESTRICTOR	1	AS NEEDED BASIS
7010033	TUBE FITTINGS	1	AS NEEDED BASIS
7010034	TUBING	1	AS NEEDED BASIS
7010035	PERMEATE CHECK VALVE	1	AS NEEDED BASIS
7010036	TDS MONITOR	1	AS NEEDED BASIS
7010061	MEMBRANE HOUSING CLAMP	1	AS NEEDED BASIS
7010062	POST FILTER CLAMP	1	AS NEEDED BASIS
7010063	FILTER WRENCH	1	AS NEEDED BASIS
7010064	FILTER HOUSING & O-RING	1	AS NEEDED BASIS
7010065	MEMBRANE HOUSING O-RINGS	1	AS NEEDED BASIS
7010066	COMPLETE FILTER REPLACEMENT (INCLUDES SEDIMENT FILTER, 2X CARBON FILTERS, & INLINE CARBON FILTER)	1	6 MONTHS