



## Opal Series

### RO Water Treatment Systems

- High capacity filters that eliminate foul tastes and odors in the water.
- High dirt removing capacity.
- Perfect tasting drinking and cooking water
- More cost effective and eco-friendly than using regular or dispenser sized bottled water
- 100% factory tested, sterile and ready to install.
- Compact and stylish design.
- 1 or 2 units of 36 Volt RO Motor
- Low Pressure Sensor
- High Pressure Sensor
- Flow Limit
- Specially Designed Alluminum Chassis
- Pressure Gauge
- Optional:
  - 11 or 20 gallon plastic water storage tank that meets NSF Standards

Reverse Osmosis (RO) is the fastest-developing water treatment technology of today. This system works by artificial reversion of the naturally occurring osmosis phenomenon.



MODEL	FLOW RATE (L/day)	MEMBRANE (L x dia)	MEMBRANE QTY	DIMENSIONS LxWxH (mm)
OPAL-202	500	20 x 12	2 x 100 gpd	450 x 250 x 760
OPAL-201	500	20 x 12	1 x 200 gpd	450 x 250 x 760
OPAL-303	750	20 x 12	3 x 100 gpd	450 x 250 x 760
OPAL-402	1000	20 x 12	2 x 200 gpd	450 x 250 x 760
OPAL-603	1500	20 x 12	3 x 200 gpd	450 x 250 x 760

## Filter stages

Stage	Cartridge Filter	Explanation	Filter Replacement Interval	
			3-6 Months	1-2 Years
1	5 µm Sediment Filter	This stage filters rust, sand, other larger particles and solid impurities suspended in the water.	✓	
2	Granule Active Carbon Filter	GAC filter effectively absorbs chlorine, mould, disinfection by-products, odors, discolorations and other materials in the water.	✓	
3	Block Active Carbon Filter	This filter further removes smaller particles, suspended solids, colloids, etc. within the water.	✓	
4	R.O. Membrane Filter	It can effectively remove bacteria, viruses, heavy metals, pesticide residue, and other harmful substances and realizes microbiological and chemical purification.		✓
5	Inline Carbon Filter	The inline cartridge filter that is manufactured from coconut shells adds flavor to your water and makes your treated water more pleasant to drink.		✓

## Installation accessories



## Opal with 2 RO motors

