



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

