

EKO-TRADING CO., LIMITED

Residential Membranes



Ultrafiltration Residential Membranes

Ultrafiltration (UF) Membranes have pore sizes ranging from 0.01 to 0.1 µm.

Remove bacteria and most viruses, colloids, turbidity and silt.

| Model name | Permeate flow rate (GPD) | Molecular weightcut off (MWCO) | A inch (mm) | B inch (mm) | C inch (mm) | D inch (mm) | E inch (mm) |
|------------|--------------------------|--------------------------------|-------------|-------------|-------------|-------------|-------------|
| UE1810 | 200 | 100K | 0.67 (17) | 0.55 (14) | 10.08 (256) | 0.98 (25) | 1.77 (45) |
| UE2010 | 450 | 100K | 0.67 (17) | 0.55 (14) | 11.73 (298) | 0.98 (25) | 1.89 (48) |

Test conditions: Pure water (2 MΩ), Pressure 20 psi, Temperature 25 °C, pH 6.5-7.0, Recovery 100%

Chlorine Resistant Residential RO Membranes

CSM Chlorine Resistant Membrane (CRM) has 4 times the endurance to chlorine than standard RO.

CSM CRM simplifies RO systems by reducing the need for a Pre & Post Carbon Filters.

| Model name | Permeate flow rate (GPD) | NaCl rejection (%) | A inch (mm) | B inch (mm) | C inch (mm) | D inch (mm) | E inch (mm) |
|-------------|--------------------------|--------------------|-------------|-------------|-------------|-------------|-------------|
| RE1812-CE50 | 50 | 98 | 0.67 (17) | 0.87 (22) | 11.73 (298) | 0.87 (22) | 1.77 (45) |
| RE2812-CE | 220 | 98 | 0.67 (17) | 0.87 (22) | 11.73 (298) | 0.87 (22) | 2.93 (74.5) |

Test conditions: NaCl 200 mg/l, Pressure 60 psi, Temperature 25 °C, pH 6.5-7.0, Recovery 15%