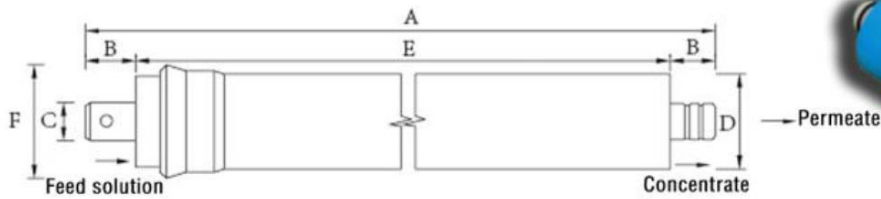


## Household RO Membrane Elements

**CM Residential RO Membrane**      Unit: mm

| Standard | A   | B    | C  | D    | E   | F    |
|----------|-----|------|----|------|-----|------|
| CM-1812  | 298 | 20.0 | 17 | 45.0 | 258 | 53.5 |
| CM-2012  | 298 | 20.0 | 17 | 48.0 | 258 | 55.5 |
| CM-3012  | 298 | 20.0 | 17 | 76.2 | 258 | 81.5 |
| CM-3013  | 330 | 20.0 | 17 | 76.2 | 258 | 81.5 |



单位:mm(inch)

**Usual type :**

| Model       | Membrane area (m <sup>2</sup> ) | Operating pressure (Psi/Mpa) | Average yield (GPD) | Water yield (ML/min) | Salt rejection (%) |
|-------------|---------------------------------|------------------------------|---------------------|----------------------|--------------------|
| CM-1812-50  | 0.4                             | 65 (0.45)                    | 50 (0.19)           | 130-160              | 95.8-97.3          |
| CM-2012-80  | 0.5                             | 65 (0.45)                    | 80 (0.3)            | 210-220              | 95.8-97.3          |
| CM-2012-100 | 0.5                             | 65 (0.45)                    | 100 (0.38)          | 220-240              | 95.8-97.3          |
| CM-2012-125 | 0.5                             | 65 (0.45)                    | 125 (0.47)          | 340-360              | 95.8-97.3          |
| CM-3012-200 | 1                               | 65 (0.45)                    | 200 (0.76)          | 540-580              | 95.8-97.3          |
| CM-3012-300 | 1.4                             | 65 (0.45)                    | 300 (1.1)           | 780-840              | 95.8-97.3          |
| CM-3013-400 | 1.5                             | 65 (0.45)                    | 400 (1.5)           | 1.2-1.4              | 95.8-97.3          |

**NF :**

| Model | Membrane area (m <sup>2</sup> ) | Operating pressure (Psi/Mpa) | Average yield (GPD) | Water yield (ML/min) | Salt rejection (%) |
|-------|---------------------------------|------------------------------|---------------------|----------------------|--------------------|
|       |                                 |                              |                     |                      |                    |

|             |     |       |           |         |       |
|-------------|-----|-------|-----------|---------|-------|
| CM-1812-50  | 0.4 | 0.2Mp | 50(0.19)  | 130-160 | 60-90 |
| CM-2012-80  | 0.5 | 0.2Mp | 80(0.3)   | 210-220 | 60-90 |
| CM-2012-100 | 0.5 | 0.2Mp | 100(0.38) | 220-240 | 60-90 |
| CM-2012-125 | 0.5 | 0.2Mp | 125(0.47) | 340-360 | 60-90 |
| CM-3012-200 | 1   | 0.2Mp | 200(0.76) | 540-580 | 60-90 |
| CM-3012-300 | 1.4 | 0.2Mp | 300(1.1)  | 780-840 | 60-90 |
| CM-3013-400 | 1.5 | 0.2Mp | 400(1.5)  | 1.2-1.4 | 60-90 |

**Specifications:**

Waste water ratio: 1:1

Filtration: 0.0001 micron

Material: TFC

Feed silt Density Index(SDI):  $\leq 4$

Free Chlorine Concentration(mg/l):  $\leq 2$ mg/L

Inlet water turbidity :  $< 1$

Inlet water(organiCS) :  $< 1.5$

Maximum Operating Pressure : 1MPa(150Psi)

Maximum Operating Temperature : 45°C

Maximum Feed Silt DensityIndex : 5

Maximum Inlet water turbidity :  $\leq 1$ NTU

pH range : 2 - 11

**Product features:**

1. Center tube with different colors. ◦
2. All products are from the latest production line.
3. Advanced quality control and test method.

**Core Advantage of Ro membrane:**

- 1、 Large water yield.
- 2、 The raw material use Food-Grade polymeric membrane, healthy and environmentally friendly
- 3、 Sage and reliable, Long service life.