State of the art RO Membrane Technology

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Eco-Friendly
Reverse Osmosis Element

Longer
Pre-filter life time

Compact
system

EFRO ECO

Less
waste water

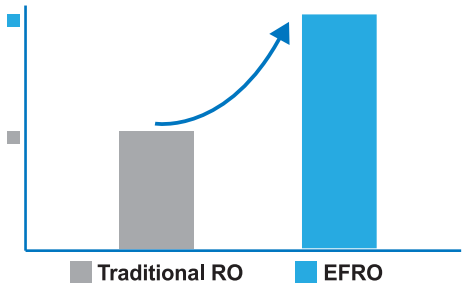
More
product water

EFRO ECO

World wide patent pending

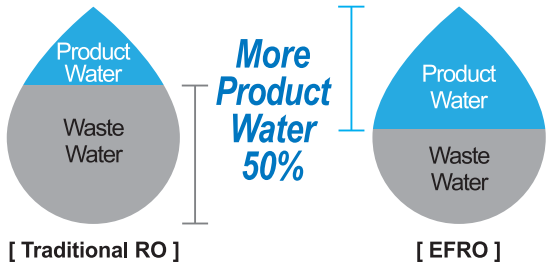
Eco-Friendly
Reverse Osmosis Element

< Pre-filter Life Time >



As EFRO requires less feed water, it Increases the life time of Pre-filters

< Efficiency >

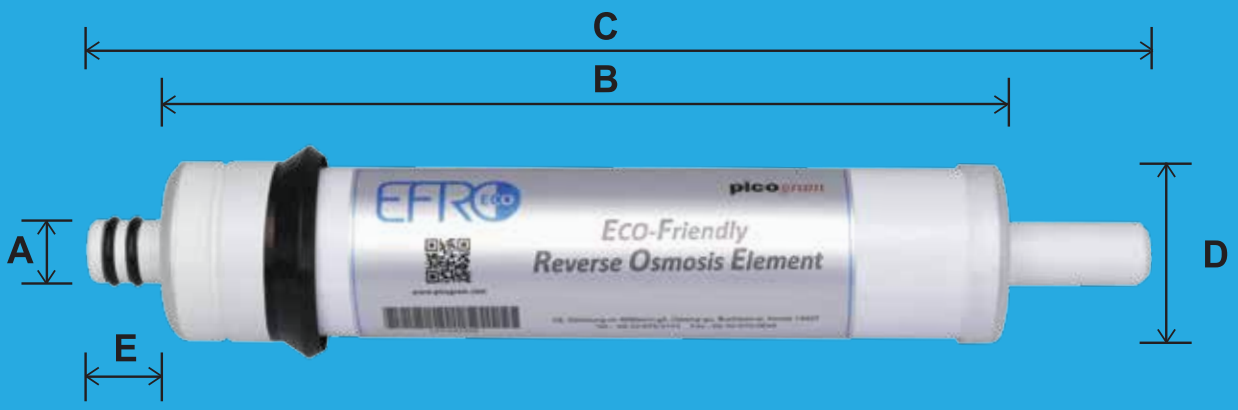


The traditional R/O Membrane wastes 75% of water

Optimized RO module structure of EFRO allows brine water to flow faster inside, which provides various and effective advantages to RO membrane performance and helps improve the efficiency of water purifiers. In addition, as this EFRO has the same flow structure as the traditional RO membrane modules, it can also replace current RO system without any trouble.

- Reducing the ratio of waste water to 50% of feed water
- Preventing the clogging problems of the RO Filters
- Improving the life time of the RO membrane
- Increasing the life time of Pre-filters
  (EFRO requires less feed water)
- Helping develop RO system with more compact size
- Capable of replacing Traditional RO module with EFRO
  (Flow restrictor change required)
- Eco-Frendly RO Membrane that contributes to a sustainable environment through reducing water consumption

● Dimensions & Specifications



Model name	A(inch)	B(inch)	C(inch)	D(inch)	E(inch)	Permeate Flow rate GPD(L/day)	Salt Rejection (%)
EF-50G	0.67	9.61	11.73	1.63	0.87	50(189)	96
EF-80G	0.67	8.54	11.73	1.89	0.87	80(303)	96
EF-100G	0.67	9.61	11.73	1.89	0.87	100(379)	96

※ The stated product performance is based on data taken after 30minutes of operation at 50% of recovery

※ The following flow restrictors are recommended; EF-50G(150ml/min), EF-80G(200ml/min), EF-80G(300ml/min)

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