

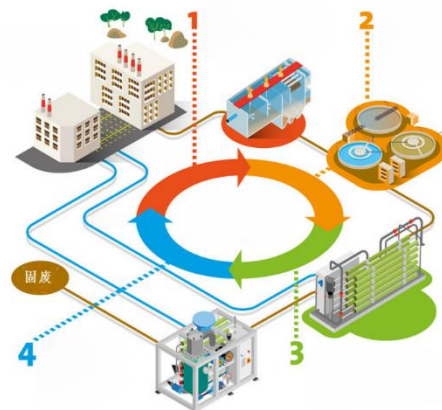


INTRODUCTION

3ENF-10 series is nanofiltration membrane with high water flux and impurity removal rate, suitable for residential applications.

It can be used for:

- Remove COD from water and reduce organic pollution of reverse osmosis membrane
- Removing hardness to reduce hair and skin irritation during showering.
- Removing viruses and bacteria in tap water treatment and transpiration to ensure drinking water health.
- Retaining beneficial body minerals for health.
- Low energy consumption and cost systems, easy for end-users.



APPLICATIONS

- Zero liquid discharge
- Material separation, plant extraction and purification
- Household water softener (whole-house water purification)
- Feed water pretreatment for seawater desalination, etc.



PARAMETERS

Mat'l	Module No. (Size, mm)	Eff. Mem. Area: m ²	Permeate Flow Rate m ³ /day	Salt Rejection (%) 2000ppm MgSO ₄	Max Free- Chloride Resistance; ppm	Max Opt. Pressure / (Max pH Range)
PES	3ENF-10m2012 (Ø200×1200)	35.5±0.5	49.6±5.0	18.0±5.0	1000	8.5bar/(2-12)
	3ENF-10m2020 (Ø200×2000)	63.0±0.5	88.0±8.0	18.0±5.0	1000	8.5bar/(2-12)
Test Conditions	1) Water temperature 25°C; pH 7.5-8.0, test pressure 4.8 bar; 2) Outside-in membrane module, operating temperature 5-40°C, Max. operating 8.5 bar; 3) Maximum osmotic flush (backwash) pressure: 0.5-0.8 bar; 4) ID/OD: 0.50/0.98mm (Comes with membrane shell of high-temperature resistance, which can operate at high temperature)					

Note: For engineering design parameters and information, please consult with our technical staff and obtain the latest version of the technical manual.

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