

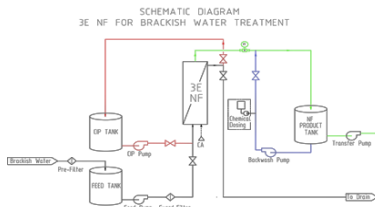
Application:

- Material separation
- Brackish water treatment
- Municipal wastewater reuse
- Industrial wastewater reuse
- Food and beverage industry wastewater treatment
- Reuse of condensate tower wastewater
- Boiler water purification
- Coal mine industrial wastewater department

3E-NF80 series have the characteristics of high separation rate and excellent separation performance in the field of brackish water purification and wastewater reuse. It is widely used in material separation and industrial and municipal wastewater treatment which rich in organic pollutants. It can not only remove TDS in water, but also remove biological pollutants and greatly improve the quality of effluent.

3E-NF60 series have been applied in the following fields:

- 1) Safely and efficiently intercept ammonia nitrogen and heavy metals for zero discharge of low energy consumption and high concentration wastewater (Singapore);
- 2) Reduce the TDS and organic pollution of the system, reduce the amount of chemicals, increase the CoC of the condensate tower system, and reduce the amount of discharged water (Singapore);
- 3) Industrial wastewater reuse (UK);
- 4) Zero discharge of concentrated wastewater (Singapore).



Specification parameters

Mat'l	Series	Eff. Mem. area, m ²	Water Flux T/day	Salt rejection 2000ppm MgSO ₄	Max operating pressure; bar	Max pH range	Max Free-chloride resistance; ppm
PES	3E-160NF80 (Ø 160x1200)	22.4±0.5	2.2±0.5	80.6±5.0	7	2-12	1000
	3E-200NF80 (Ø 200x2000)	60.0±0.5	5.2±0.5	80.6±5.0	7	2-12	1000
Test conditions		1) Feed water temperature: 25°C; pH: 7.5-8; Test pressure: 6.0 bar 2) External pressure membrane module, operating temperature range 5-40°C. Maximum cleaning transmembrane differential pressure: 0.5 bar 3) Acid and alkali resistance (5% NaOH solution; 20% sulfuric acid solution)					

Note: For technical enquiries, please consult with our technicians and ask for the latest version of the technical manual.

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