

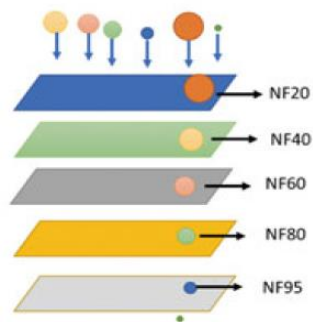
07 3ENF-60 NF MEMBRANE

Introduction

3ENF-60 nanofiltration membrane series has high water flux and medium desalination rate, widely used in wastewater treatment of dyeing and industrial/municipal wastewater rich in organic pollutants. It removes not only total dissolved solids but also biological pollutants, greatly improving permeate quality.

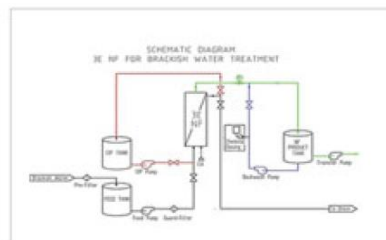
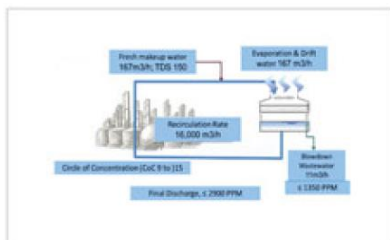
3ENF-60 has been applied for:

- ZLD: Efficient removal of ammonia-nitrogen and heavy metals in high concentration wastewater
- Cooling tower water recycle: reducing TDS, COD, chemical usage, increasing system CoC, reducing effluent amount.



Applications

- Reclaimed water reuse
- Material separation
- Textile wastewater treatment
- Colliery wastewater treatment
- Cooling tower wastewater reuse
- Petroleum wastewater treatment
- Salt separation technology to recycle sulfate



Parameters

Mat'l	Module No. (Size, mm)	Eff. Mem. Area: m ²	Designed Water Flux t/module/day	Salt Rejection (%) 2000ppm MgSO ₄	Max Free-Chloride Resistance; ppm	Max Opt. Pressure / (Max pH Range)
PES	3E-160NF60F (Ø160×1200)	23.5±0.5	6.5±0.5	60.0±5.0	1000	5.0bar/(2-12)
	3E-200NF60F (Ø200×2000)	63.0±0.5	18.0±0.5	60.0±5.0	1000	5.0bar/(2-12)
Test Conditions	1) Water temperature 25°C; pH 7.5-8.0, test pressure 3.0bar; 2) Outside-in membrane module, temperature 5-40°C, max. backwash pressure 0.5bar, max. operating 3.0bar 3) ID/OD: 0.50/0.98mm					

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