

MASE-SL 80 Membrane Element

Brief Introduction

MASE 80 Series high-pressure nanofiltration membrane element is applicable to the purification, separation and concentration of hi-concentrated brine, and can work under pressure as high as 80 bar.

Model	Active Membrane Area ft ² (m ²)	Permeate Flow GPD(m ³ /d)	Stable Rejection %
MASE-SL 80	370 (34.5)	8200 (31.0)	98
Testing Conditions	Operating pressure 100 psi (0.69Mpa) Temperature at 25°C Tested in 2000 mg/L MgSO ₄ solution pH 7.0 ± 0.5 Recovery rate at 15%		
Operation	Maximum operating pressure 1200psi (8.28Mpa) Maximum feedwater flow 75gpm (17 m ³ /h) Maximum feedwater temperature 45°C Maximum feedwater flow SDI ₁₅ 5		
Limits & Conditions	Allowed pH range for feedwater in operation 3~10 Allowed pH range for chemical cleaning 2~12 Maximum concentration of free chlorine <0.1ppm Maximum pressure drop per element 15psi (0.1Mpa)		

Size of Membrane Element: 1.0 inch = 25.4 mm

