

## MASE-CL 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 <sup>2</sup> (m <sup>2</sup> )	Permeate Flow GPD(m <sup>3</sup> /d)	Stable Rejection %
MASE-CL 80	370 (34.5)	9500 (35.9)	95
<b>Testing Conditions</b>	Operating pressure 100 psi (0.69Mpa) Temperature at 25°C Tested in 2000 mg/L MgSO <sub>4</sub> solution pH 7.0 ± 0.5 Recovery rate at 15%		
<b>Operation</b>	Maximum operating pressure Maximum feedwater flow Maximum feedwater temperature Maximum feedwater flow SDI <sub>15</sub>	1200psi (8.28Mpa) 75gpm (17 m <sup>3</sup> /h) 45°C 5	
<b>Limits &amp; Conditions</b>	Allowed pH range for feedwater in operation Allowed pH range for chemical cleaning Maximum concentration of free chlorine Maximum pressure drop per element	3~10 2~12 <0.1ppm 15psi (0.1Mpa)	

**Size of Membrane Element:** 1.0 inch = 25.4 mm

