

KÖHLER

Reverse Osmosis Membrane Elements

SW Series

Model: KM-SW 4040-LE

- **APPLICATION** Seawater desalination, desalination of brackish water with high concentration, boiler replenishment water in power plants, wastewater reuse, concentration and recovery of high value-added substances such as food and pharmaceuticals, etc.

Model	Active Membrane Area ft ² (m ²)	Average Permeate Flow GPD(m ³ /d)	Stable Rejection Rate(%)	Feed Spacer Stable Thickness mm
KM-SW 4040-LE	95 (8.8)	1900 (7.2)	99.7	28
Testing Conditions	Operating pressure 800 psi (5.52Mpa) Temperature at 25°C Tested at 32000mg/L NaCl solution pH 8 Recovery rate at 8%			
Operation Limits & Conditions	Maximum operating pressure Maximum feed water flow Maximum feed water temperature Maximum feed water flow SDI ₁₅ Allowed pH range for feed water in operation Allowed pH range for chemical cleaning		1200psi (8.28Mpa) 16gpm (3.6 m ³ /h) 45°C 5 2~11 1~13	
	Maximum concentration of free chlorine		<0.1ppm	
	Maximum pressure drop per element		15psi (0.1Mpa)	

DIMENSUONS:	Model	A	B	C
	KM-SW 4040-LE	inches (mm) 40.0 (1016)	inches (mm) 3.9 (99.7)	inches (mm) 1.05 (26.7)

