



PRODUCT SPECIFICATION

8340 TurboClean® RO Element For Dialysis and High-Purity Applications

Model	Permeate Flow*	Average Salt Rejection	Minimum Salt Rejection
TurboClean® HP 8340-RO-O	10,000 GPD (38 m ³ /d)	99.5%	98.5%

* Performance is based on the following test conditions: 2,000 ppm NaCl, 225 psi, 77 °F (25 °C), 15% recovery, pH 8.0, 30 minutes operation. Individual element permeate flow may vary +25%/-15%.

OPERATIONAL AND DESIGN DATA

Membrane Type	ACM Fully Aromatic Polyamide Advanced Composite Membrane
Configuration	Spiral Wound, Sanitary Style Element
Active Membrane Area	400 ft ² (37 m ²)
Typical Applied Pressure	150 - 300 psi (10 - 21 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	113 °F (45 °C)
Feed pH Range	2 - 11 continuous
Chlorine Tolerance	<0.1 ppm
Maximum Feed Flow	80 GPM (18 m ³ /hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing
Maximum Feed SDI (15 minutes)	4.0
Maximum Feed Turbidity	1 NTU
Application	High Purity Water



Element Weight:	45 lbs. (20 kg)		
Length (A):	40.0" (1,016 mm)	Diameter (B): 8.3" (210 mm)	Permeate Tube (C): 1.139" (28.9 mm)
Permeate Tube:	Osmonics Style tube		
Feed Spacer:	0.031" thick diamond spacer		



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LENNTECH

info@lennotech.com Tel. +31-152-610-900
www.lennotech.com Fax. +31-152-616-289