



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@lenntech.com Tel. +31-152-610-900

www.lenntech.com Fax. +31-152-616-289