



PRODUCT SPECIFICATION

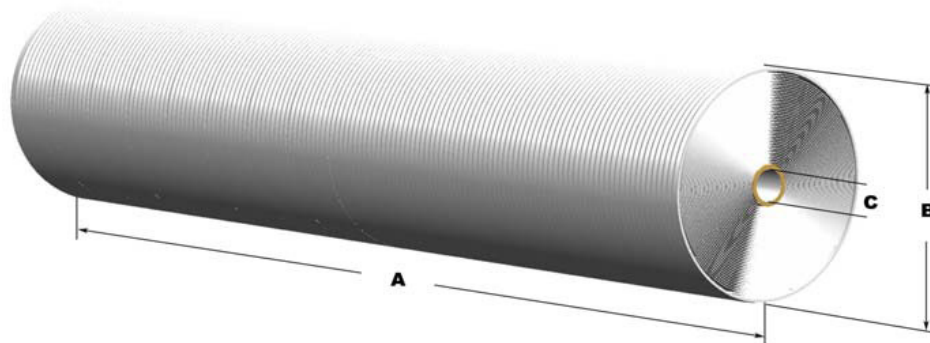
8" XN45 Sanitary TurboClean® Element

Model	Permeate Flow GPD (m ³ /day)*	Average Salt Rejection (%)	Minimum Salt Rejection (%)
TurboClean® NF 8038-XN45-31	9,000 (34)	95.0	92.0

* Performance is based on the following test conditions: 2,000 ppm MgSO₄, 110 psi, 77°F (25°C), 15% recovery, pH 8.0, 30 minutes operation. Individual element permeate flow may vary +/- 20%.

OPERATIONAL AND DESIGN DATA

Membrane Type	XN45 Advanced Polypiperazine Amide Nanofiltration Membrane
Configuration	Spiral Wound, Sanitary Element
Active Membrane Area	355 ft ² (33 m ²)
Typical Applied Pressure	200 - 400 psi (14 - 28 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	122°F (50°C)
Feed pH Range	3 - 10 continuous
Chlorine Tolerance	<0.1 ppm
Maximum Feed Flow	100 GPM (23 m ³ /hr)
Maximum Pressure Drop	15 psi (1 bar) per element; 60 psi (4 bar) across housing
Replaces Model	8040-N2F7U8



Element Weight:	45 lbs. (20 kg)
Length (A):	38.0" (965 mm)
Diameter (B):	7.9" (200 mm)
Permeate Tube (C):	1.125" (28.6 mm)
Permeate Tube:	FilmTec Style polysulfone tube; Interconnect and ATDs not included with element
Feed Spacer:	0.031" thick diamond spacer



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