



The Specialty Membrane Company

PRODUCT SPECIFICATION

TurboClean® UF Element For Beverage Applications

Model	Permeate Flow*	Nominal M.W.C.O.
TurboClean® Bev 8040-UF	14,000 GPD (53 m ³ /d)	10,000 Da.

* Performance shown is based on the following test conditions: 500 ppm PEG, 30 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	AUM Advanced Ultrafiltration Membrane
Configuration	Spiral Wound, Sanitary Style Element
Active Membrane Area	355 ft ² (32.6 m ²)
Typical Applied Pressure	30 - 60 psi (2 - 4 bar)
Maximum Applied Pressure	600 psi (41 bar)
Maximum Operating Temperature	122°F (50°C)
Feed pH Range	2 - 11 continuous
Chlorine Tolerance	5,000 ppm-days
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 SDI (15 minutes)	5.0
Maximum Turbidity	1 NTU
Application	Water Purification for Beverages
Part Number	163040841
Replaces Models	8040-N6E6Q2



Element Weight: 50 lbs. (23 kg)

Length (A): 40.0" (1,016 mm)

Diameter (B): 7.9" (200 mm)

Permeate Tube (C): 1.125" (28.6 mm)

Permeate Tube: Polysulfone tube

Feed Spacer: 0.031" thick diamond spacer



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