



Meet Your Filtration Needs Is Our Goal.

Model: SEG-UF-4020
E-Coat Ultrafiltration Membrane Element

PRODUCT DESCRIPTION

| | |
|----------------------------|--|
| Membrane Chemistry: | Polyvinylidene Fluoride (PVDF) |
| Backing Material: | Polyester |
| Permeate Tube: | Unplasticized Polyvinyl Chloride (UPVC) |
| Seal Carrier: | ABS Plastic |
| Brine Seal: | EPDM |
| Construction: | Spiral wound element with fiberglass outerwrap |

SPECIFICATION

| Model | Diameter (in) (mm) | Overall Length (in) (mm) | Active Area (ft ²) (m ²) |
|-------------|-----------------------|-----------------------------|---|
| SEG-UF-4020 | 3.9 (99) | 20 (508) | 34 (3.2) |

Consult Process Engineering Group for specific information.

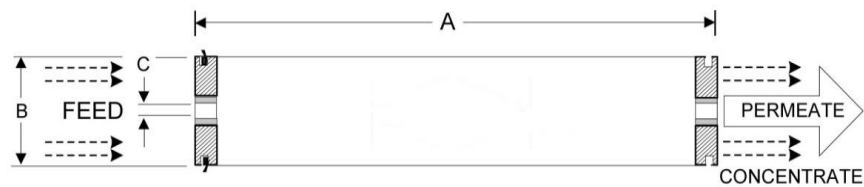
OPERATION SPECIFICATIONS

| | |
|---|-------------------------|
| Maximum Inlet Pressure: | 65 psi (4.4 bar) |
| Recommended Inlet Pressure: | 44-60 psi (3.0-4.1 bar) |
| Recommended Outlet Pressure: | 15-40 psi (1.0-2.7 bar) |
| Maximum Operating Temperature: | 122°F (50°C) |
| Allowable pH – Continuous Operation: | 2.0-10.0 |
| Allowable pH – Short Term Cleaning: | 2.0-11.5@50°C, 30min |

DESIGN PARAMETERS

| | |
|---|---------------------------|
| Feed: | 20-24 gpm (76-91 lpm) |
| Permeate Flow on Fresh Lab Paint Baths | 0.3-0.5 gpm (1.1-1.9 lpm) |

DIMENSIONS



| Model | A inches (mm) | B inches (mm) | C inches (mm) |
|-------------|------------------|------------------|------------------|
| SEG-UF-4020 | 20.0 (508) | 3.9 (99) | 0.625 (15.8) |