



Meet Your Filtration Needs Is Our Goal.

**Model: SEF-UF-7640**  
**E-Coat Ultrafiltration Membrane Element**

**PRODUCT DESCRIPTION**

|                            |  |
|----------------------------|--|
| <b>Membrane Chemistry:</b> | Polyvinylidene Fluoride (PVDF)                           |
| <b>Backing Material:</b>   | Polyester  |
| <b>Permeate Tube:</b>      | Unplasticized Polyvinyl Chloride (UPVC)                  |
| <b>Gasket:</b>             | EPDM   |
| <b>Construction:</b>       | Spiral wound element with hard overwrap and flanged seal |
| <b>Active Area</b>         | 230ft <sup>2</sup> (21.37m <sup>2</sup> )                |

**OPERATION SPECIFICATIONS**

|   |                         |
|---|-------------------------|
| <b>Maximum Inlet Pressure:</b>              | 65 psi (4.4 bar)        |
| <b>Minimum Outlet Pressure:</b>             | 10 psi (0.7 bar)        |
| <b>Recommended Inlet Pressure:</b>          | 44-60 psi (3.0-4.1 bar) |
| <b>Recommended Outlet Pressure:</b>         | 15-40 psi (1.0-2.7 bar) |
| <b>Maximum Operating Temperature:</b>       | 122°F (50°C)            |
| <b>Allowable pH – Continuous Operation:</b> | 2.0-10.0                |
| <b>Allowable pH – Short Term Cleaning:</b>  | 2.0-11.5@50°C, 30min    |

**DESIGN PARAMETERS**

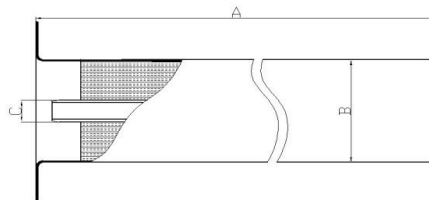
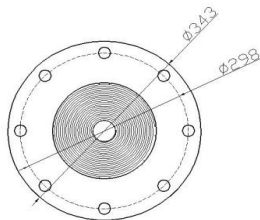
|   |                            |
|---|----------------------------|
| <b>Feed:</b>                                  | 63-77 gpm (238-291 lpm)    |
| <b>Permeate Flow on Fresh Lab Paint Baths</b> | 2.4-4.0 gpm (9.1-15.1 lpm) |

\*Above data are based on water @77°F (25°C) and a specific gravity of 1.0.

**REPLACEMENTS REFERENCE**

Koch 7533-M183-LPF; Koch 7533-M300-LPF; AMT EDUF-7640-HF  
 Consult Process Engineering Group for specific information.

**DIMENSIONS**



| Model       | A<br>inches (mm) | B<br>inches (mm) | C<br>inches (mm) |
|-------------|------------------|------------------|------------------|
| SEF-UF-7640 | 39.3 (998)       | 7.49 (190)       | 1.66 (42.2)      |