

Ultra-Filtration (UF) Membrane Cartridges

U770 Hollow Fibre UF Membrane Inserts

Specification*

Configuration	Hollow fibre with inserts
Material	Hydrophilic modified PAN, PVDF, or PTFE (Teflon)
Fibre size (ID / OD)	1.0 mm / 1.8 mm; 0.7 mm / 1.2 mm
Recovery*	> 95%
U770 surface area	54 m ² (581 square feet) / membrane
Pore size, nominal	0.02 - 0.05 micron
Flow rate / Cartridge	City water: 1.7 - 2.2 m ³ /hr
Dimension, weight	30 x 24 x 225 cm, 35 kg / membrane

*Subject to feed water condition

Operating Process

Temperature	< 50°C
Pressure (TMP)	< 1 bar - Feed; < 2 bar - Backwash / purge
Maximum pressure	< 3 bar
pH Range	3 - 9 (operating); 2 - 11 (CIP)
Filtration (Out-to-In)	Feed and product in dead-end / cross-flow mode
Re-generation (In-to-Out)	Backwash purge / CIP

