

Info@lenntech.com Tel. +31-152-610-900

www.lenntech.com Fax. +31-152-616-289

FLUID SYSTEMS TFC® - FR 8"

Fouling Resistant, Low Pressure, Brackish Surface Water or Wastewater Treatment, RO Elements

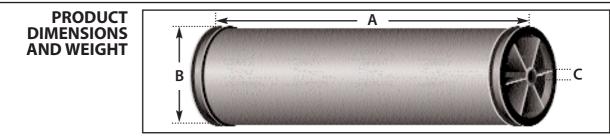


PRODUCT DESCRIPTION	Membrane Chemistry: Membrane Type: Construction: Applications: Options:	Proprietary TFC® polyamide TFC® - FR, fouling resistant Spiral-wound with fiberglass outerwrap Fouling resistant membrane for surface water and wastewater treatment 40" (1,016 mm) length with standard or high area construction, or 60" (1,524 mm) Magnum® length.			
SPECIFICATIONS	Model	Permeate Flow	Chloride Rejection	Membrane Area	

CATIONS	Model	Permeate F	e Flow Chloride Rejection		Membrane Area		
		gpd (m³	³/d)	percent	ft ²	(m ²)	
	TFC [®] 8822 FR-365	9,500 (36	5.0)	99.5	365	(33.9)	
	TFC [®] 8822 FR-400	10,500 (39	9.7)	99.5	400	(37.2)	
	TFC [®] 8832 FR-575 Magnum [®]	15,000 (56	5.8)	99.5	575	(53.4)	

Test Conditions: 2,000 mg/l NaCl solution at 225 psi (1,550 kPa) applied pressure, 15% recovery (20% recovery for Magnum® elements) 77°F (25°C) and pH 7.5.

OPERATING & DESIGN INFORMATION	Typical operating pressure: Maximum operating pressure: Maximum operating temperature: Maximum cleaning temperature: Maximum continuous free chlorine: Allowable pH - continuous operation: Allowable pH - continuous operation: Allowable pH - short term cleaning: Maximum differential pressure per 40"/60" element: Maximum differential pressure per vessel: Maximum feed turbidity: Maximum feed SDI (15 minute):	225 - 450 psi (1,550 - 3,100 kPa) 600 psi (4,140 kPa) 113°F (45°C) 113°F (45°C) <0.1 mg/l 4 - 11 2.5 - 11 10/15 psi (69/104 kPa) 60 psi (414 kPa) 1 NTU 5
	Feed spacer thickness standard/high area:	31/28 mil (0.8/0.7 mm)



Model	Α	В	C	Weight	Part Numbers
	inches (mm)	inches (mm)	inches (mm)	lbs (kg)	Interconnector O-ring Brine Seal
TFC [®] 8822 FR-365	40 (1,016)	8 (203.2)	1.125 (28.6)	40 (18)	0035260 0035464 0035705
TFC [®] 8822 FR-400	40 (1,016)	8 (203.2)	1.125 (28.6)	44 (20)	0035260 0035464 0035705
TFC® 8832 FR-575 Magnum®	60 (1,524)	8 (203.2)	1.125 (28.6)	64 (29)	0035260 0035464 0035705

The information contained in this publication is believed to be accurate and reliable, but is not to be construed as implying any warranty or guarantee of performance. We assume no responsibility, obligation or liability for results obtained or damages incurred through the application of the information contained herein. Refer to Standard Terms and Conditions of Sale and Performance Warranty documentation for additional information.