

AFC99 MEMBRANES

TECHNICAL DATA



AFC99 Membranes

Membrane Type	Polyamide film
Membrane Configuration	Tubular, Series connection
Permeate Flow ¹	90 l/h (2.16 m ³ /d)
Salt Rejection ³	99% (Minimum)
Salt Rejection (with Foam Ball) ³	95% +/- 1% (Nominal), 93% (Minimal)
Membrane Area	2.6 m ²
Tube Diameter	12.3mm ID (Nominal)
Number of Tubes	18

Notes:

1. Normal performance at 40 Bar, 15°C, 5000 ppm NaCl feed and 6 l/min feed flow
2. Rated operating pressure does not vary with feed water temperature
3. For operation outside of this range please consult PCI Membranes

AFC99 Membranes (continued)

Feed Flow		20 l/min (4.0 m/s inlet velocity)
Rated Operating Pressure ¹		50 Bar (Nominal), 64 Bar (Maximum)
Temperature Range		60°C (Nominal), 80°C (Maximum)
pH Range		3-11 (Operating), 1.5-12 (Cleaning)
Chlorine Tolerance		Nil
Shell Dimensions (Approximate)		102mm x 3700mm
Shell Material		1.4404 Stainless Steel
End Caps		Stainless Steel
Connections		12mm Oval Flange (Square Section Seal)
Module Weight (approximate)	- Dry	34 kg
	- Wet	62 kg