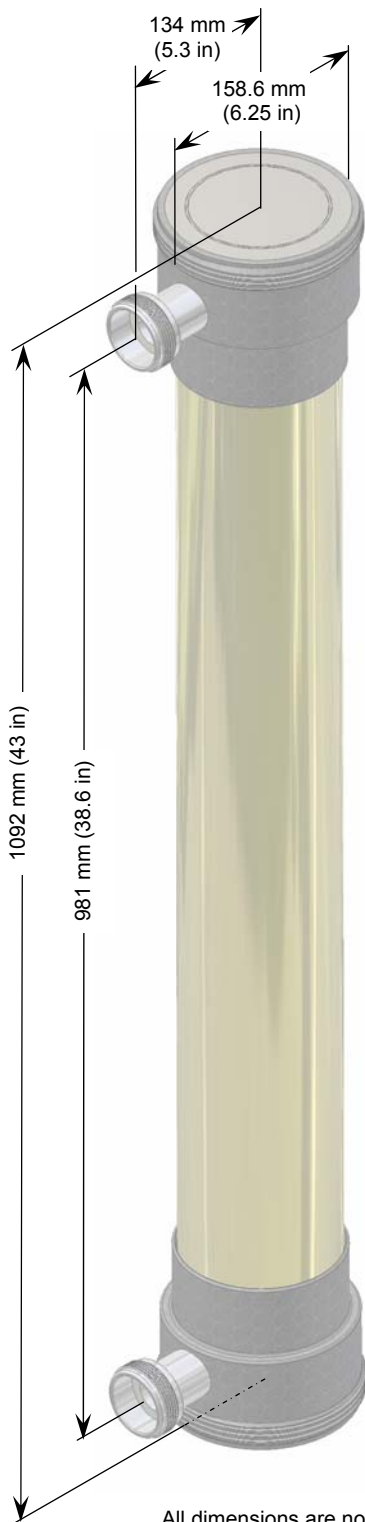


## Liqui-Flux® B 22 BEVERAGE FILTRATION PRODUCT DATA SHEET



Membrane Characteristics	
Membrane type	Hollow Fiber, Inside-Out
Membrane material	ACCUREL® Polypropylene 300/1200
Pore size (nominal)	0.2 µm
OD / ID	1.80 mm / 1.20 mm
Burst pressure	≥500 kPa (72.5 psi)
Implosion pressure	≥ 300 kPa (43.5 psi)

Module Characteristics	
Membrane surface area	9.5 m <sup>2</sup> (102.3 ft <sup>2</sup> )
Housing material	Polysulfone
Potting material	Polyurethane
Sealing Material (optional*)	Silicone
Port connections	Threaded*
Maximum working temperature/pressure	40°C, 150 kPa (104°F, 22 psi) 20°C, 400 kPa (68°F, 58 psi)
Pressure drop through filter	Approx. 80-100 kPa (11.6-14.5 psi)
pH-range during operation	2-10
pH-range during short term cleaning	2-13
Recommended cut off prefiltration	200 µm
Weight	
Liquid full	21 kg (46.3 lbs.)
Shipping weight (max)	10 kg (22 lbs.)

\* Connecting set optional available (sealing included)

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Typical application / Operating data **:		
Operating mode		Dead-End / Cross-Flow
Inlet liquid volume flow (for velocity of 1 m/s)	m <sup>3</sup> /h	9.7 (43 gpm)
Typical flux range, filtration**	l/(m <sup>2</sup> *h)	50 – 150
Filtrate volume flow range per module **	m <sup>3</sup> /h	0.5– 1.4
Typical flux range, backwash	l/(m <sup>2</sup> *h)	150 – 250
Typical transmembrane pressure, filtration	kPa (psi)	20 - 70 (2.90 - 10.15)
Max. transmembrane pressure	kPa (psi)	150 (22 psi)
Typical transmembrane pressure, backwash	kPa (psi)	20 - 100 (2.9 – 14.5)
Backwash frequency	h <sup>-1</sup>	4-20
Backwash duration	sec.	5 – 30
Cleaning frequency***	d <sup>-1</sup>	1 – 4
Cleaning duration***	min	15 – 90
Max. instantaneous hydrogen peroxide tolerance	ppm	200
Typical cleaning chemicals		NaOH, H <sub>2</sub> O <sub>2</sub> , Citric acid

\*\* depending on feed quality (turbidity, temperature etc.)

\*\*\* for cleaning see the Operating Manual

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