

PersaFlux™ 40

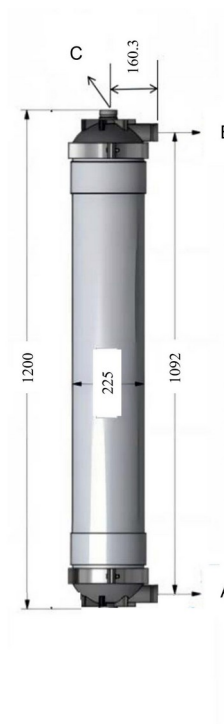
Inside-out pressurized | Product specification

Cross-Reference: Hydranautics HYDRAcap40

Persalt module specifications and dimensions

PARAMETER	SPECIFICATION
Effective membrane area	30 m ²
Module diameter	225 mm
Overall length	1200 mm
Connection spacing	1092 mm
A/B/C Port Size	2" Coupling

Hollow Fiber material PES. Housing material U-PVC/ABS. Potting material Epoxy resin.
Sealing type material O-ring/EPDM. Weight - empty 28 Kg. Nominal pore size 0.02 µm. Fiber I.D./O.D. 0.08/1.4 mm.



Operating parameters

Reference membrane: Hydrophilic PES, 150,000 Da MWCO.

PARAMETER	SPECIFICATION
Temperature: maximum	40 °C
pH: filtration / cleaning	4–10 / 1.5–13
Feed pressure: maximum	5.0 bar
Filtration / backwash TMP: maximum	1.4 / 1.4 bar
Filtration flux: typical	59–145 L/m ² /h
Backwash flux / duration / interval	170–255 L/m ² /h / 30–60 s / 20–60 min
Chlorine: instantaneous	100 ppm for ≤15 min
H ₂ O ₂ : instantaneous	200 ppm for ≤15 min
Chlorine: cumulative	200,000 ppm·h
Feed turbidity: maximum	100 NTU