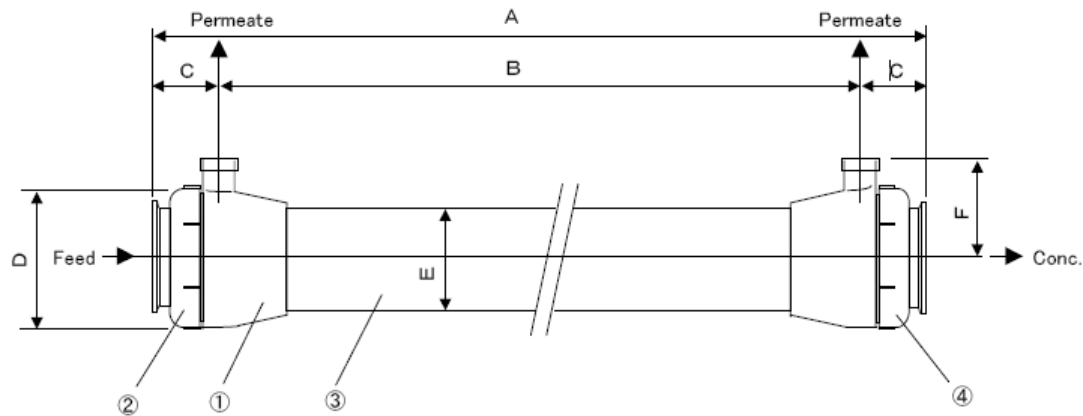


# ULTRADYN PRODUCTS SPECIFICATION

## - HOLLOW FIBER UF MEMBRANE MODULE -

### FE10-FC-FUS5082



Module		A	B	C	D	E	F
Dimension	mm	1,126	985	70.5	130	89	85

Module components			
Article	Name	Material	Num.
①	Nozzle cap	Polysulfone	2
②	Cap	Polysulfone	2
③	Case	Polysulfone	1
④	O-Ring type WG-21	FPM	2
-	Potting resin	Epoxy resin	-

Accessoires			
Article	Name	Material	Num.
1)	Feed/Conc. port joints	PVC, TS 40	2
2)	Permeate port joints	PVC, TS 25	2
3)	O-Ring type G-95 for V-band fitting	FPM	2

FPM: Fluoro rubber

PVC: Polyvinyl chloride

Standard configurations			
Filtration type	Ultrafiltration		
Membrane material	Polyethersulone		
Molecular cutoff	500,000	Dalton	
Hollow fiber inner diameter	0.8	mm	
Membrane area	5.0	m <sup>2</sup>	
Standard water flux <sup>(1)</sup>	5.3	m <sup>3</sup> /h	
Shipping water flux range <sup>(1)</sup>	4.4	m <sup>3</sup> /h	
Feed inlet pressure, max. <sup>(3)</sup>	0.6	MPa	
Transmembrane pressure, max.	0.3	MPa	
Temperature, max.	98	°C	
Applicable pH range	1 ~ 13		
Standard inlet feed flow <sup>(2)</sup>	3.8	m <sup>3</sup> /h	
Weight at operation	9.0	kg	
Weight at shipping	3.0	kg	
Standard preservative	1000 ppm Benzoic acid		
Connectors	Feed/Conc.: V band coupling Permeate: 25 A		

<sup>(1)</sup> Initial water flux by dead end filtration with pure water under T.M.P. 0.1 MPa at 25°C

<sup>(2)</sup> Standard condition is adjusted to 1 m/sec feed velocity. Please notice that the optimum velocity is different for each application.

<sup>(3)</sup> This value is for room temperature.

**Note:** Applicable max. pressure depends on operating temperature. Ensure instruction manual.

DAICEN Membrane Systems Ltd. is the manufacturer of the ULTRADYN modules and markets and distributes them under the registered trademark MOLSEP®.

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We reserve the right to change specifications without prior notification.

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