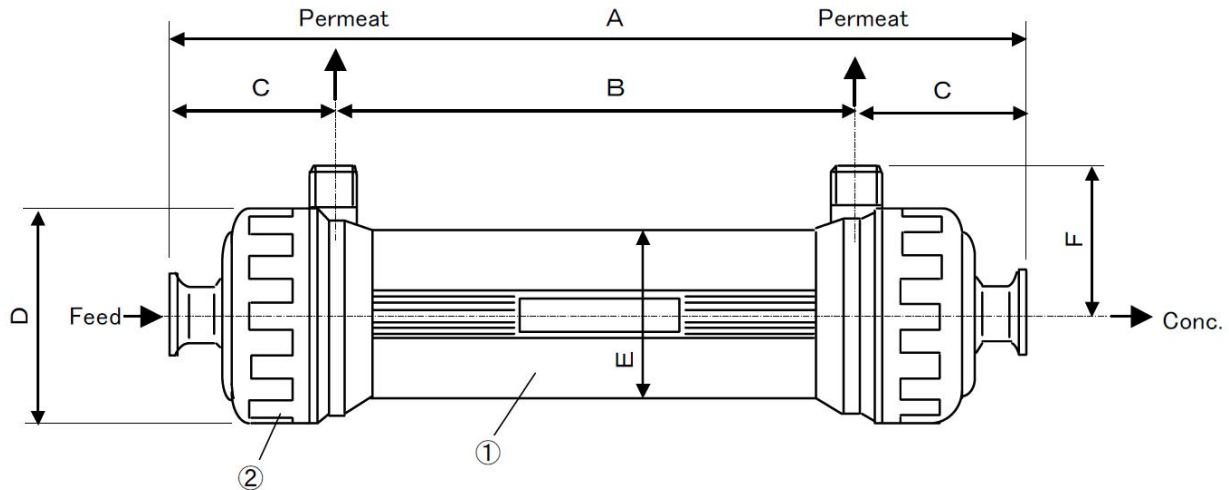


# ULTRADYN PRODUCTS SPECIFICATION

## - HOLLOW FIBER UF MEMBRANE MODULE -

### FS03-FC-FUS0181



Module	A	B	C	D	E	F
Dimension mm	407	249	79	Ø109.2	Ø 92	66.6

Module components			
Article	Name	Material	Num.
①	Hollow Fiber	Polyethersulfone	-
②	Case	Polysulfone	1
③	Cap	Polysulfone	2
④	O-Ring Type WG-17	FPM	2
-	Potting Resin	Epoxy resin	-

FPM: Fluoro Rubber

Standard configurations		
Filtration type	Ultrafiltration	
Membrane material	Polyethersulfone	
Molecular cutoff	10,000	Dalton
Hollow fiber inner diameter	0.8	mm
Membrane area	1.4	m <sup>2</sup>
Standard water flux <sup>(1)</sup>	470	l/h
Shipping water flux range <sup>(1)</sup>	330	l/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>	3.7	m <sup>3</sup> /h
Weight at operation	2.9	kg
Weight at shipping	0.9	kg
Standard preservative	1000 ppm Benzoic acid	
Connectors	Feed/Conc.: 1S Ferrule	
	Permeate: G1/2	

<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.

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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