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PP Membrane UF Inner Element / Domestic

PS Membrane UF Inner Element / Domestic

In-line Element (Domestic)

UF Element (Commercial)

UF Element (Industrial)

**PP / PS Membrane UF Inner Element
(Domestic / Commercial / Industrial)**



PP Membrane UF Inner Element

(Domestic)

MEMBRANE MATERIAL	Polypropylene (PP)					
DESCRIPTION	1/4" screw thread UF	1812 membrane housing UF	Post In-line inner UF	In-line inner UF	10" standard UF cartridge	20" standard UF cartridge
TYPE	UF-120S86-G	UF-120R-G	UF-75R-t33-G	UF-120R-T33-G	UF-180C-G / UF-180P-G	UF-350C-G / UF-350P-G
PORE SIZE	0.01*0.1μm					
MEMBRANE AREA	1.2sqm	1.5sqm	0.7sqm	1.5sqm	2.0sqm	4.0sqm
FLOWRATE	2L/min	2L/min	1.5L/min	2L/min	3L/min	6L/min
ESTIMATED TOTAL FLOW	3000-4000L	5000-6000L	2000-3000L	5000-6000L	7000-8000L	12000-15000L
PICTURE						

PS Membrane UF Inner Element (Domestic)

MEMBRANE MATERIAL	Polysulfone (PS)				
DESCRIPTION	3570 UF	3570 UF (Gravity)	Post In-line inner half UF	In-line inner PS UF	UF Cartridge Used in CTO
TYPE	UF-700PSB-ZL	UF-650PSW-ZL	UF-700PSB-ZL with double cases	UF-950PSH-XHS	UF-300PSB-CTO
PORE SIZE	0.1-0.2μm				
MEMBRANE AREA	0.13sqm	0.12sqm	0.13sqm	0.45sqm	0.21sqm
FLOWRATE	1.5L/min	150-200mL/min	1.5L/min	4L/min	2L/min
ESTIMATED TOTAL FLOW	1000-1500L	200-300L	1000-1500L	4000-5000L	2000-3000L
PICTURE					

In-line Element (Domestic)

MEMBRANE MATERIAL	Polypropylene (PP)			Polysulfone (PS)			
DESCRIPTION	Post In-line UF element	In-line UF element	T11 In-line UF element	5" In-line UF element	Φ25KC UF element	QC Post In-line UF element	M6 In-line UF element
TYPE	UF-75RK-t33-G	UF-120RK-T33-G	UF-120RK-T11-G	UF-700PSB-5"QCK	UF-250PSW-Φ25KC	UF-700PSB-t33Q	UF-950PSH-M6
PORE SIZE	0.01*0.1μm			0.1-0.2μm			
MEMBRANE AREA	1.2sqm	1.5sqm	1.5sqm	0.13sqm	0.07sqm	0.4sqm	0.45sqm
FLOWRATE	1.5L/min	2L/min	2L/min	1.5L/min	1L/min	4L/min	4L/min
ESTIMATED TOTAL FLOW	2000-3000L	5000-6000L	5000-6000L	1000-1500L	700-1000L	3000-4000L	4000-5000L
PICTURE							

UF Element (Commercial)

PERFORMANCE ITEM	UF-500R	UF-1000R	UF-500	UF-1000	UF-4040	UF-90
Membrane Material	PP (Polypropylene)				PVC (Polyvinyl Chloride)	
Membrane Specification	OD: Φ450~500μm Thickness: 40~50μm				OD: Φ1.6mm ID: Φ0.9mm	
Membrane Pore Size	0.01*0.1μm (Ellipse Shape)				0.1-0.2μm (Circle Shape)	
MWCO	50000~80000				100000	
Filtration Mode	Out to In				In to Out	
Operation pressure	0.1~0.3 MPa				0.1~0.2 MPa	
Operation temperature range	4~40℃				4~40℃	
pH range	0~14				2~12	
Membrane Area (s.q.m.)	8.0	16.0	10	20	4.0	4.0
Rated Flowrate (L/H)	500	1000	600	1200	800	800
Membrane Condition	Packed in wet, with protection liquid.		Wet membrane		Dry membrane	
Applied Housing	4021 RO Housing	4040 RO Housing	With case	With case	4040 RO Housing	With case
Picture						

UF Element (Industrial)

PERFORMANCE ITEM	UF-2500	UF-160	UF-200	UF-250
Membrane Material	PP (Polypropylene)	PVC (Polyvinyl Chloride)		
Membrane Specification	OD: Φ450~500μm Thickness: 40~50μm	OD: Φ1.6mm ID: Φ0.9mm		
Membrane Pore Size	0.01*0.1μm (Ellipse Shape)	0.1-0.2μm (Circle Shape)		
MWCO	50000~80000	100000		
Filtration Mode	Out to In	In to Out		
Operation pressure	0.1~0.3 MPa	0.1~0.2 MPa		
Operation temperature range	4~40℃	4~40℃		
pH range	0~14	2~12		
Membrane Area (s.q.m.)	40.0	15.0	30.0	50.0
Rated Flowrate (L/H)	2800	3000	6000	10000
Membrane Condition	Wet membrane	Dry membrane		
Applied Housing	With case	With case	With case	With case
Picture				