

## FFM-TUF-5

Applicable to small-scale experimental equipment, small-scale test evaluation, medium-sized test equipment, and specific fields

PRODUCT	Membrane material:	PVDF/PES
DESCRIPTION	Diameter of membrane tube:	5mm, 8mm, 12mm etc
	Aperture size:	MF、UF、NF
	Shell material:	PVC/SUS
	Connection mode:	Stainless steel clamp

### PRODUCT SPECIFICATIONS

Diameter (mm)	Core number	Nominal (inch) diameter	Component (m) length	Effective (m <sup>2</sup> ) membrane area	Shell material
8	2	2	1.5	0.47	PVC/不锈钢

Not all combinations are covered. Our company can customize special specifications of membrane components for users

### Membrane performance index

Index	Membrane series	Membrane materials	Retained molecular weight	pure water flux	Desalination rate		Operating pressure	Maximum operating temperature	PHRange	Chlorine tolerance		
Company			Dalton	L/m <sup>2</sup> .h	%		Kpa	°C		ppm.h		
					MgSO4	NaCL						
parameter	MF	PDF	0.1	1200			50-600	75	2-11	250,000		
			0.2	1500								
			0.45	2000								
	UF	PVDF	PES	100,000			1000					
				50,000			400					
				30,000			210					
				10,000			80					
	NF	PA/PVDF Reunitewith		6,000			60					
				80			80	10	300-1000	75	3-10	
				75			95	20				
65	98	30										

### Important Information

In order to maximize the performance of membrane components, please note the following.

1. Before the installation of membrane components, the system and pipelines shall be completely cleaned to ensure that there is no mechanical impurity causing damage to the membrane.
2. Before the operation of the system, ensure that the pre-treatment is completed.
3. During the start-up, shutdown, cleaning and other processes of the system, the water inflow shall be slow, from low pressure to high pressure, from low flow to large flow, so as to avoid impact damage to membrane components due to the instantaneous rise of pressure and flow.
4. Overpressure operation is prohibited, which may cause rupture of membrane tube.
5. Avoid back pressure on the water producing side at any time.
6. In cold areas, be careful not to freeze the water in the module.