

## FFM-TUF-12

Suitable for medium-sized experimental equipment / water treatment equipment / juice concentration / material separation, etc

PRODUCT DESCRIPTION	Membrane material:	PVDF/PES
	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
12	19	3	1.5	1.13	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	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.