

## FFM-WUF-485

### Hollow Fiber Ultrafiltration Cylinder with external pressure

<b>PRODUCT DESCRIPTION</b>	Membrane Chemistry:	Proprietary PVDF
	Housing Shell:	PVC
	Nominal membrane aperture:	0.03um
	Operation mode:	Vacuum suction filtration

PRODUCT SPECIFICATIONS	Typical design flux GPD (lmh)	Membrane Area ft <sup>2</sup> (m <sup>2</sup> )	Nominal membrane aperture um
	50~136 (30~80)	485ft <sup>2</sup> / (45.0)	0.01-0.03

### OPERATION PARAMETERS

Backwash water flow:	1.5-4.0m <sup>3</sup> /h
Gas washing flow rate:	≤2.5m <sup>3</sup> /h
Maximum suction pressure:	-80Kpa
Service temperature:	≤120 °F (45°C)
Maximum backwashing pressure:	21 psi (1.5 bar)
Maximum Operating Permeable Membrane Pressure Difference (TMP) :	12 psi (0.8 bar)
PH tolerance range:	2-11 (When cleaning: 1-12)
For special applications, please contact FFM Inc	

### Important Information

- (1) The membrane module is made of plastic and polymer materials, and it should not be damaged due to falling;
- (2) It is not allowed to pull the hollow fiber membrane wire by hand during installation, otherwise the hollow fiber membrane may break or crush.
- (3) Do not make the membrane module contact with the liquid medicine which is easy to cause the aging of the membrane module, especially the liquid with oxidation;
- (4) Please do not bend or press the membrane wire;
- (5) When moving the membrane module, do not take the membrane wire part. Take the water collecting pipe part on both sides with both hands. Avoid taking only one side of the water collecting pipe to prevent shaking, so that the membrane wire is stretched under stress, causing damage;
- (6) When installing, using or moving membrane components, be sure not to let tools, piping and machines damage the hollow fiber membrane;
- (7) When cleaning with chemicals, please do it under suitable conditions. If the agent is used incorrectly, the performance of the membrane module will decline, or the membrane wire will be damaged. Please pay attention;
- (8) Do not dehydrate and store the membrane components after use. In the process of changing from wet state to dry state, the membrane structure will change, and the membrane pores will close and lose water permeability.
- (9) In cold areas, be careful not to freeze the water in the sink.

