

FFM-AUF-540E

External pressure of hollow fiber ultrafiltration membrane

PRODUCT DESCRIPTION	Membrane Chemistry:	Proprietary PVDF
	Housing Shell:	PVC
	Potting Material:	Proprietary Epoxy Compound
	Through liquid tube:	PVC

PRODUCT SPECIFICATIONS	Typical design flux GPD (lmh)	Membrane Area ft ² (m ²)	Filtration accuracy um
	30~60 (40~102)	540ft ² / (50.5)	<0.1

OPERATION PARAMETERS

Maximum operating pressure:	45 psi (3.1bar)
Service temperature:	≤104 °F (40℃)
Maximum backwashing pressure:	30 psi (2.0 bar)
Maximum operating transmembrane pressure (TMP):	30 psi (2.0 bar)
Maximum intake pressure:	15 psi (1.0 bar)
Air volume:	3-12 Nm ³ /hr
PH tolerance range:	1.5-13

For special applications, please contact FFM Inc

Important Information

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, it shall be ensured 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 the impact damage to membrane components caused by the instantaneous rise of pressure and flow.
4. The membrane element should always be kept wet once water enters.
5. Back pressure on the water producing side should be avoided at all times.

