



## HUF-200-50 ( 8'' ) ULTRAFILTRASYON MEMBRANI



### Specification

dimensiyon(mm)	1900
Weight (kg)	45
Fiber material	PS or PES
shell material	UPVC
Operation	in out
nominal MWCO (Daltons)	50000
Nominal membrane area (m <sup>2</sup> )	45
capillary quantity	70000-80000
capillary I.D./O.D. (mm)	0.8/1.3
permeate flow (m <sup>3</sup> /h)	≥200L/ (m <sup>2</sup> .h.bar) (25°C)
designed permeate flow (m <sup>3</sup> /h)	30~100L/ (m <sup>2</sup> .h.bar) (according to the quality of feedwater)
permeate pollution index (SDI <sub>15</sub> )	≤2.5
reduce turbidity	≤0.2NTU
TOC removal	20%-50%
remove >0.2µm grain (10wt%)	100%



## Application data

advised feedwater pressure (MPa)	≤0.2
maximum feedwater pressure (MPa)	0,4
maximum TMP (MPa)	0,2
maximum backwash TMP (MPa)	0,25
operating temperature range (°C)	5~45
PH range	2~13

## Typical process condition

backwash flux	100-150L/m <sup>2</sup> .h
backwash pressure (MPa)	0.1~0.2
backwash duration (sec)	30~60
backwash frequency (min)	20~60
disinfection chemical	0.1%NaClO
chemical clean frequency (day)	1
chemical clean duration (min)	60~90
cleaning chemical	1~2% CKS 500、0.4% CKS 300 0.1%CKS 600+0.2%CKS 200