

Standard Specifications

- SS304 stainless steel backwash pump
- 200 µ prefilter
- UPVC piping
- Microprocessor control panel
- Electric actuated control valves
- Flowmeter
- Pressure switch
- Pressure gauges

Optional Specifications

- CEB Chemical enhanced backwash
- CIP Membrane cleaning unit
- Inline turbidity analyser
- Stainless steel feed booster pump
- PLC control panel
- Product and backwash reserve tanks
- Blower for backwash



UF membrane group

Operating Conditions	
Energy requirement	380 V / 3 Faz / 50 Hz
Feed water turbidity	<50 NTU Max: 300 NTU
Feed water TSS	<50 mg/l Max: 100 mg/l
Feed water TOC	<10 mg/l Max: 40 mg/l
Feed water COD	Max: <40 mg/l
Feed water pH	6-9 (2-11 backwash)
Feed water pH	25 °C Max: 40 °C
Feed water chlorine Cl ₂	0,5 ppm (2000 backwash)
Backwash period	20 – 60 min



UF membrane fibers

TECHNICAL SPECIFICATIONS				
Model	UF Module Quantity	Flowrate (m3/hour) Surface water & Grey Water Flux : 40 lmh	Flowrate (m3/hour) Seawater Flux : 60 lmh	Flowrate (m3/hour) Well water Flux : 90 lmh
UF-1	1	1,5	2,5	4
UF-2	2	3	5	8
UF-4	4	6	10	16
UF-6	6	9	15	24
UF-8	8	12	20	32
UF-10	10	15	25	40
UF-12	12	18	30	48
UF-16	16	24	40	64
UF-20	20	30	50	80
UF-26	26	38	65	104
UF-30	30	45	75	120
UF-40	40	60	100	160