UF
(ULTRAFILTRATION)
SYSTEMS

- Standard Aqualine UF Systems
- Professional Aqualine UF Systems
- Grey Water Aqualine UF Systems

UF 860

UF 2272

PAUF 160

STANDARD SPECIFICATIONS

UF modules are used for pre-treatment of sea water osmosis systems, wastewater recycling Project and enables conventional biologic and chemical treatment water to feed reverse osmosis systems.

Moreover UF systems are used successfully for sea water treatment, food sector and beverage process, natural drinking water factories, removing bacteria and disinfection of water projects. It constitutes pivots of systems of special design of wastewater recycling and processing of recycling of water origin MBR.

Chlorine dosage method is the most applied method for removing microbiological pollution in drinking water. Its impects are really much but although not %100 efficient on microorganisms. Some of microorganisms with spor which can resist to disinfectants can be kept only with Ultrafiltration membranes. This is also mean that membranes pore diameter which is using in Ultrafiltration systems is smaller than microorganisms diameter so can safely provide as %100 water treatment. In addition, Organic substances react with chlorine compounds in water and creates THM' (trihalometans) and this THM's effect on human structure is known as toxic and that can cause disease. Ultrafiltration don't cause any additives in water, don't produce waste, any unwanted oxidative substances that is the most important advantage of it.

MORE INFO

UF (ULTRAFILTRATION) SYSTEMS

MODEL	MODUL QTY	TOTAL MEMBRANE AREA (m²)	INLET FLOW m³/hour @ 2,5 BAR	NET PERMEATE FLOW m³/hour @ 2,5 BAR	MIN. CEB/BW TANK VOLUME (m³)
STANDARD AQUALINE UF SYSTEMS					
SAUF16	1	6	0,55	0,5	*
SAUF26	2	12	1,1	1	*
SAUF36	3	18	1,65	1,5	*
PROFESSIONAL AQUALINE UF SYSTEMS					
PAUF160	1	60	5	4,5	1
PAUF260	2	120	10	9	2
PAUF360	3	180	15	13,5	3
PAUF480	4	320	27	24	4
PAUF680	6	480	40	36	6
PAUF880	8	640	53,5	48	8
PAUF1080	10	800	67	60	10
PAUF1280	12	960	80	72	12
PAUF1480	14	1120	93,5	84	14
PAUF1680	16	1280	107	96	16
PAUF1880	18	1440	120	108	18
GREY WATER AQUALINE UF SYSTEMS					
GAUF16	1	6	0,28	0,25	*
GAUF26	2	12	0,55	0,5	*
GAUF36	3	18	0,83	0,75	*

AQUALINE® WATER AND WASTEWATER TREATMENT SYSTEMS

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