

Back washable Micro filter System



Tubular type



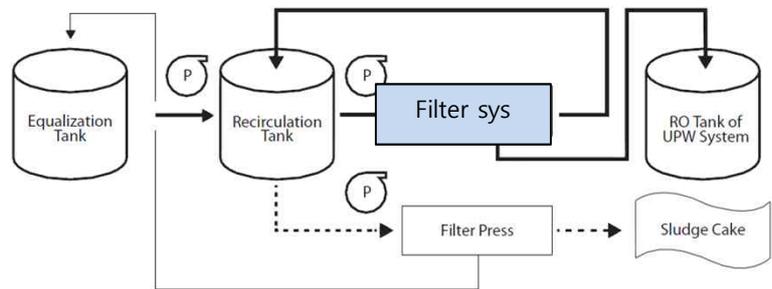
SUS316 Mash type

시스템 소개



파이프 형태의 다공질 여과막을 통하여 내측부에 원수를 통과시키면 관을 형성하고 있는 다공질 분리막을 통하여 여과 배출되는 원리로서 계속적으로 반복 순환시켜 정수를 하는 필터 시스템이다

작동 원리



원수의 90~97%까지 회수!

적용분야

- Heavy metal removal in metal finishing fluids
- Pre-reverse osmosis filters for water treatment
- High solids removal in electroplating solution baths
- High solids removal from completion fluids
- Food and beverage processing
- Cutting fluids recycling in silica grinding and slicing
- Heavy metal removal from incinerator scrubber water
- Cooling tower blow-down recycling and/or side stream filtration
- Brine recycling in water treatment systems
- Wastewater processing from the chemical, micro-electronics and pulp and paper industries



경기도 화성 ㄹ 음료회사 설치

정직한 제품으로 고객과 평생을 함께 하는 동반자가 되겠습니다

Hi -Screen Back washable Filter

Characteristics

HI-SCREEN Module of out to in operation type
Micro Filtration for suspended solids and particle removal
Pretreatment of UF, RO
High Flux up to 2.5 m³/hr per 10" element
Foulant resistant screen of auto Back-washing

Element Specifications

Model	Permeation m ³ /hr	ActiveArea m ²	Module Dimension (m/m)			Weight kg
			L	D	Port Sz.	
HSF1010	2.5	0.05	250	65	25	1.2
HSF2010	5	0.1	500	65	25	1.8
HSF3010	7.5	0.15	750	65	32	2.4

Condition : fouling-free water at 1.5 Kg/cm², 25 °C
Filtration Type Dead-end filtration of out to in
Outer cap : STS316L
Port : 1 port of Permeate (FNPT)
Membrane Material: STS316
Screen Mesh Material: STS316

Operating and CIP Parameters

Maximum Operating Pressure 80 psi
Maximum transmembrane Pressure 60 psi
Maximum back-washing Pressure 40 psi
Typical Operating Flux 2.0 m³/hr.10"
Maximum Operating Flux 2.5 m³/hr.10"
Typical Operating Temperature 5 ~ 75 °C
Typical Air consumption for BW 1 ~ 5 Nm³/hr
Chlorine tolerance 1000 ppm for Cleaning, 10 ppm for Dosing
PH Range (Operating) maximum (3-12), optimum (4-12)
PH Range (Cleaning) maximum (2-12)
Temperature below 80 °C

정직한 제품으로 고객과 평생을 함께 하는 동반자가 되겠습니다