



ADVANCED HIGH FLUX FILTRATION



Euroclean - Advanced High Flux Filtration™ is an improved system and process for the elimination of suspended solids from water and wastewater on a commercially viable scale based on adsorption and separation technology.

How it works?

The Advanced High Flux Filtration™ uses a mix of different layers of specific filter media. The inert natural media have an increasing density, a decreasing particle size and specific shape factor. This media has a naturally high positive charge enabling negatively charged particulates such as Cryptosporidium and Legionella to be removed by surface adsorption.

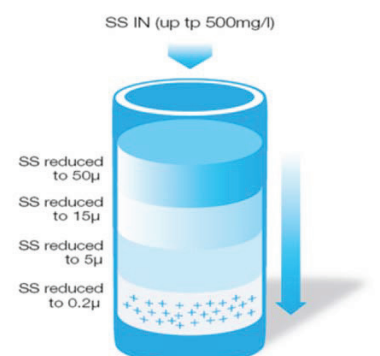
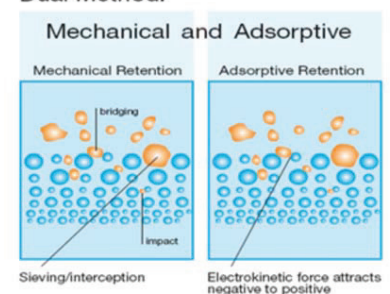
Value Proposition of Euroclean – High Flux Filtration™

1. Performance – High flux rate, high dirt holding capacity, Exceptional filtrate quality.
 - High filtration velocities from 25 up to 50m³ /m² hr
 - High solid holding capacity up to 200kg/m³
2. Protection – Protects inline equipment. Saves backwash water to great extent. (Environment friendly)
 - Backwash water consumption, 0.5 to 1% at 50m³ /m² hr
3. Price – Fast ROI, low OPEX & competitive CAPEX.

Features & Benefits:

- High velocity – Reduced footprint
- High dirt holding capacity – Long filtration cycles
- Low backwash volume – Optimum water use & in service time
- Low energy – Low OPEX and enviro friendly
- Long life Media – Minimum upto 15 years life
- Minimal to Zero chemical usage – Cost & environmentally effective

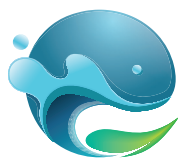
Dual Method:



Parameters/ Competitors	High Flux	DYNASAND	TETRA FILTER	DUAL MEDIA / SAND	MICROSTRAINER
Performance (Micron)	0.2	5 to 10	5 to 10	20	30
Foot print (M2)	4	25	86	24	2x2x2
Power Requirement (KW)	15	15 Air & 80 Pump	40	38	10
Chemical Required	No	Yes	Yes	Yes	No
Air scouring	No	Yes	Yes	Yes	No
Backwash water (% of filtrate)	0.1 to 1	5 to 10	5	10 to 15	0.1 to 3
Height (M)	2.3	4	4	4.3	below Ground
Civil Engineering required	Plinth	Concrete Tanks	Concrete Tanks	Plinth	Concrete Holes

Applications:

- Power Stations
- Desalination Plants
- Bottled water plants
- Waste water treatment plants – Either for secondary or tertiary treatment
- Steel & Iron factories
- High solid waste water
 - Cooling towers
 - Boiler water
 - Water treatment for food Industries
- Swimming Pools
- Water circulation plants for
 - Plating processes
 - Printed circuits



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LET'S RECYCLE



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