

BALEEN FILTERS

Solids Handling Products

Product Overview

Baleen Filtration exists between 5 microns and 500 microns (0.5mm). This technology utilizes a patented cleaning mechanism inspired by the Baleen Whale to allow it to effectively and practically operate in applications previously unattainable. Unlike other technologies that typically require hot water to function at these filtration levels, Baleen Filters enjoy trouble-free operation.

The system operates similarly to a side-hill static screen only it incorporates a patented, automatic cleaning mechanism consisting of over/under high pressure, low volume sprays. As water flows across and down through the filter, solids initially suspended in the water are left behind by the filtrate; but before they are allowed to accumulate, the articulating cleaning mechanism dislodges material upward from the filter screen with the under spray, and then cuts and sweeps the material away with the over spray.

The Baleen Filter can be used at any point during the treatment process and has enjoyed great success in removing fine particulates such as hair, grit, and suspended solids – even in the presence of fats, oils, and grease.



Features	Benefits
Filtration from 5 to 500 microns	Design/Operational Flexibility
Up to 1760 gpm (400 m ³ /hr) peak flow	
Parallel (high flow) or Series (selective separation) Configurations	
High Pressure Low Volume Sprays	Application Flexibility, Increased Operational Efficiency, Reduced Maintenance.



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Options & Accessories

- 304 or 316 SS Construction
- Pre-Screening
- Over Spray Suppression Cover
- Chemically Assisted Filtration Modules
- Solids Containers & Liners
- Integrated De-watering System

Pricing

Pricing varies depending on capacity, filtration requirements, waste stream composition and options required. Quotations are provided within 48 hours of request when accompanied by minimum required specification data.

Minimum specification data required in order to provide a quote:

1. Required Capacity (ft³/Hr or m³/Hr)
2. Filtration Size (5 to 500 micron)
3. Waste Stream Characteristics
4. Upstream screening size (inches or mm)

Contact JDV

Ensure Success For Your Next Project!

[1-973-366-6556](tel:1-973-366-6556) or www.JDVEquipment.com

