Fluidyne FFP™

Fixed Plate Cloth Media Filtration
Fluidyne FFP™ Cloth Media Plate Filters offer high performance, low maintenance solutions ideally suited for:

- Municipalities, large and small
- Residential & Mobile Home Developments
- Industrial Applications
- Food Processing
- Reuse Applications

Please contact Fluidyne or your local rep for specific recommendations.

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INNOVATIVE DESIGN
Fluidyne FFP™ Cloth Media Filters feature an innovative fixed panel design that uses simple gravity to produce filtration and backwash flow. This high performance, low-operating cost, tertiary cloth media filter is suitable for both large and small wastewater treatment applications. Packaged systems are available in completely assembled, 100% SS free-standing units from 10gpm to 1.2 MGD. Modular systems are available for larger flows or for new or existing concrete tanks.

SIMPLE OPERATION
Fluidyne’s fixed plate cloth media filter utilizes a patented design to generate backwash flow WITHOUT the use of backwash pumps, manifolds, spray headers, or other moving parts. Backwash is produced using already available differential head, simple open close valves, and gravity along with a small amount of pressurized air to enhance cleaning.

NO MOVING PARTS
All filter components remain stationary during filtration and backwash, reducing maintenance and power usage. Filter tankage and internal components are 100% stainless steel or non-corrosive for long life and eased maintenance. Acrylic cloth media removes solids particles down to 10um, is chemically resistant and can be changed easily without disrupting incoming flow.
Each independent media plate is made up of two rectangular cloth panels which face each other within a stationary framework. Influent enters the filter, then is directed to the bottomside of each plate. Suspended solids fall to the bottom of the channel or collect on the interior surfaces of the cloth plates, with clean, treated water collecting in the filter’s main bay.

Backwash

As solids accumulate on the cloth surfaces, water level in the influent channel begins to rise, eventually initiating a backwash operation. Each independent cloth plate is cleaned in sequence by allowing gravity to force flow in reverse. Backwash flow is produced entirely by gravity, by simply opening each plates associated backwash valve. Air is injected within the interior of the plate during backwash to enhance cleaning.
All materials, representations, data, and/or information contained in this brochure are for information and estimation only. Specific information regarding equipment sizing, delivery, prices, and capabilities should be obtained directly from Fluidyne Corporation or one of its authorized agents.

Patents apply.

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