

Fluidyne FFP™



Fixed Plate Cloth Media Filtration



Fluidyne FFP™

Fixed Plate Cloth Media Filter with Gravity Backwash



Fixed Cloth

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

The Fluidyne FFP™ Cloth Media Plate Filter's unique design generates 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

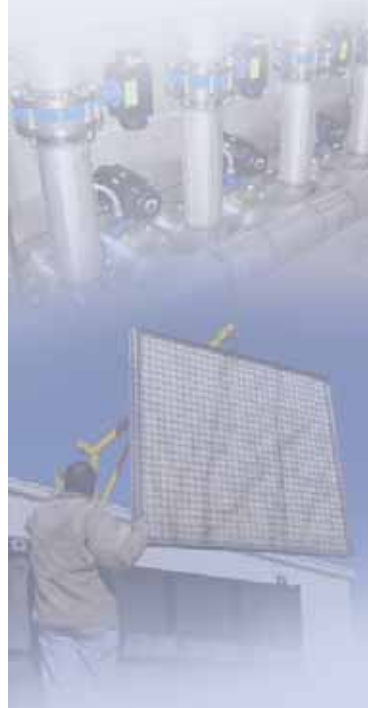
All filter components remain stationary during filtration and backwash, reducing maintenance and power usage. Filter tannage and internal components are 100% stainless steel or non-corrosive for long life and eased maintenance. Acrylic cloth media removes solids particles down to 10um, is chemically resistant and can be changed easily without disrupting incoming flow.

No Moving Parts

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

- Municipalities
- Smaller Communities
- Residential & Mobile Home Developments
- Industrial Applications
- Food Processing

Please contact Fluidyne or your local rep for specific recommendations.



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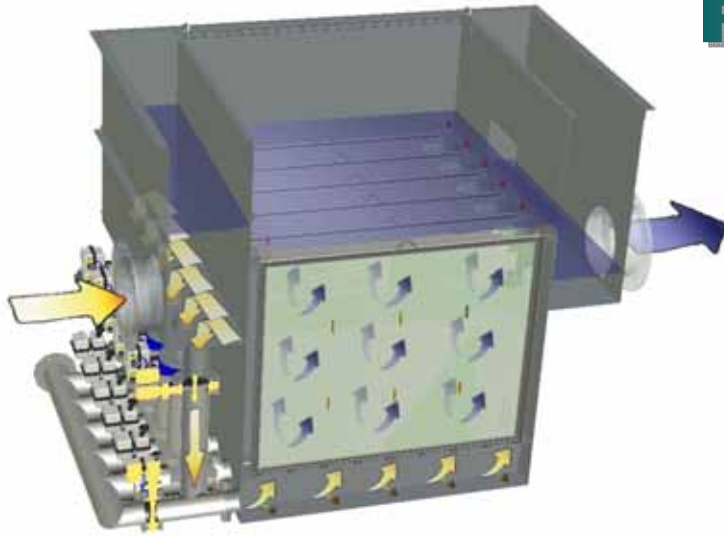
Simple Operation

**FLUIDYNE FFP™
CLOTH MEDIA
PLATE FILTERS:**
PROVEN PERFORM-
ANCE IN EFFICIENT
PACKAGES.

EASY MAINTENANCE
All mechanical equip-
ment, including filter
panels, can be
removed from the tank
without dewatering or
diverting Incoming
flow. All connections
required for removal of
the cloth elements are
located at the top of
the tank, within easy
reach, eliminating the
need for the operator
to enter the tank for
normal maintenance.

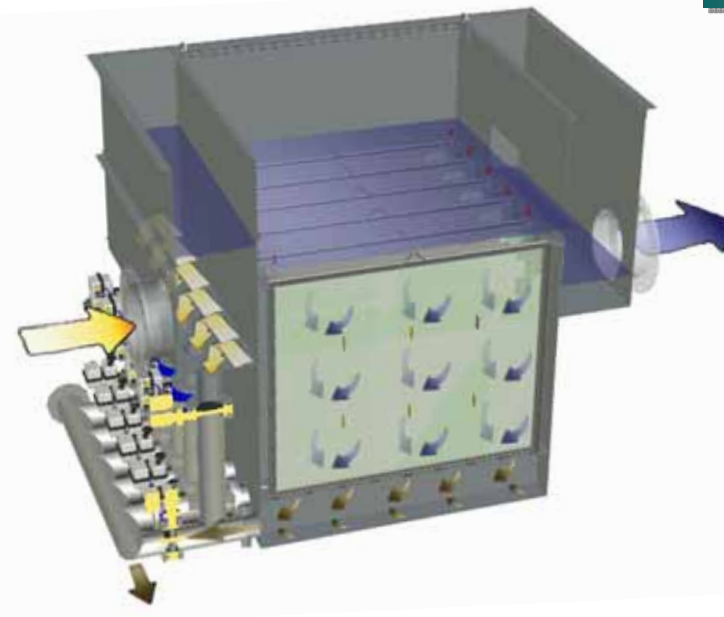
PROVEN DESIGN
Fluidyne FFP™ cloth
media filters use
proven fixed plate
cloth media technol-
ogy. Testing has
shown exceptional
solids and turbidity
removal capabilities
even at high or
fluctuating solids
loadings, producing
reuse quality effluent
with TSS less than 4
mg/l and NTU below 1
NTU for most
wastewater types.

PILOTING
Mobile test and demo
units are available
from 0.5 gpm up to 600
gpm full size units.



Filtering

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 area.



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.

FLUIDYNE F.F.P. 

Reduced Maintenance

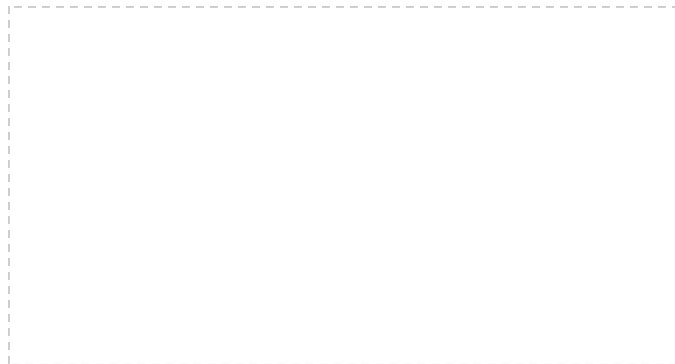


Fluidyne FFP™



The Experienced Leader in Wastewater Treatment Technology

Please contact our authorized Rep in your area:



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