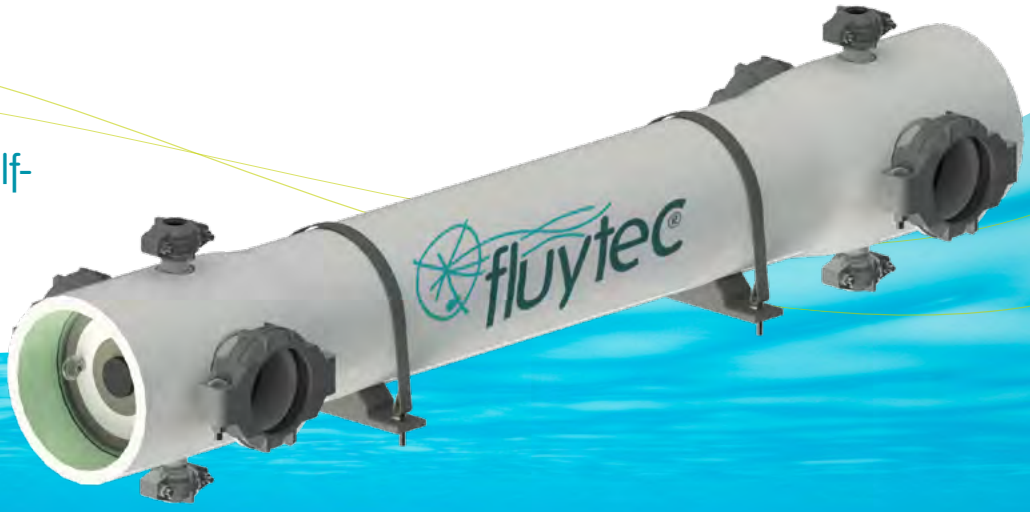
fluytec®

FRP/GRP

NO MOTORS

The FCP Series
Revolving Self Cleaning Filtration

Extremely Compact Self-Cleaning Filter with No Need of any External Driving Force



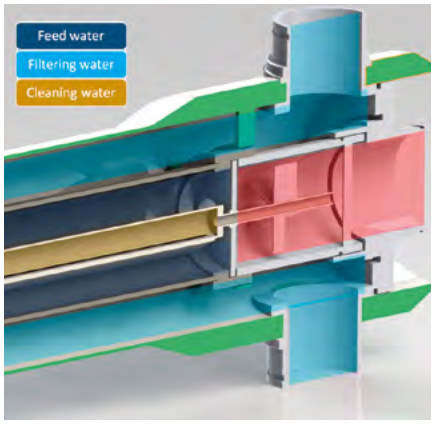
- SIGNIFICANT REDUCTION IN FOOTPRINT
- LESS AUXILIARY ELEMENTS
- LOWER ACOUSTIC EMISSION
- CHEAPER AND FASTER MAINTENANCE
- LOWER POWER CONSUMPTION
- LOWER PRESSURE DROP

Design Flow:
20-200 m^3/h
Selectivity:
50-500 µm



Design

Fluytec FCP Series Self Cleaning Filters combine the compactness and properties of designed backwash system that avoids the need of any external driving force (motor, air, etc.).





Filtration Process

Filtration process is FITO (From the inside to the outside of the filtering element). The filtration process is not interrupted during backwash due to the product's design.

Cleaning & Backwash Process

The Cleaning Process consists on an hidraulically actuated brushing system. Cleanings produce a minimum loss of fluid.

The backwash process is triggered when the drain valve is opened. The pressure difference creates a suction effect that backwashes the surface of the strainer.

The drain water exiting in the filter actuates as a propeller that rotates the backwash internals including a brush, thus maximizing the cleaning effect by combining backwash and brushing in a single operation.









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LESS AUXILIARY ELEMENTS

LOWER ACOUSTIC EMISSION

CHEAPER AND FASTER MAINTENANCE

LOWER POWER CONSUMPTION

LOWER PRESSURE DROP

+45 YEARS



Fluytec Solutions Worldwide

Visit our Website for more information

CERTIFIED ISO 9001-14001 UKAS MANAGEMENT SYSTEMS 001

Subject to change without notice.

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