FRP/GRP

FTP BL XL Series

FRP/GRP Boltless XL Filter Housings



Fully Non Corrosive Materials

Fluytec´s unique Quick Opening System (QOS) and fully Non-Corrosive Filter Housings now in Larger Diameters

- FULLY CORROSION RESISTANT
- UV PROTECTION FOR OUTDOORS INSTALLATION
- QUICK & EASY CARTRIDGE REPLACEMENT
- STANDARD 10 BAR DESIGN PRESSURE
- WIDE RANGE OF DIAMETERS 80-215 CARTRIDGES

Design

Fluytec's FRP/GRP Cartridge Filters are engineered to operate in heavy duty applications, providing superb filtration efficiency and durability.

Fluytec's continuous development allows introducing new features and functionalities to our products.

The Boltless XL filters are made by following ASME X design criteria. Standard design pressures are 7 Bar and 10 Bar for all these models, and the Hydrostatic Tests are performed at 1.3 times their design pressure.

The type of closure is a Boltless Quick Opening System (QOS), where the sealing is obtained through an O-ring gasket and the resistant plate (FRP/GRP) is fastened to the vessel via highly endurable sectors. The absence of bolts means no corrosion and fast cartridge replacement.









Construction Materials

Vessels are manufactured in GRP with an Internal Chemical Barrier for extreme pH applications. Therefore, this standardized product family is perfectly suitable for CIP (Cleaning in Place) processes.

As default, all these standard models are painted with a twin component paint, and UV protected for Outdoor Installations. All internal parts in contact with the fluid are non-metallic or suitably plasticized.

Painting & Finishing

Internal:
a) Chemical Barrier of Vinyl-Ester Resin.
b) Natural finishing without treatment due to Filter Housing's design.

External:
a) Priming with a two-compound painting with the proper adherence for FRP.
b) Final Painting: with a two-compound painting.

Colour:
Default Fluytec White RAL 9003 with ultraviolet (UV) protection.

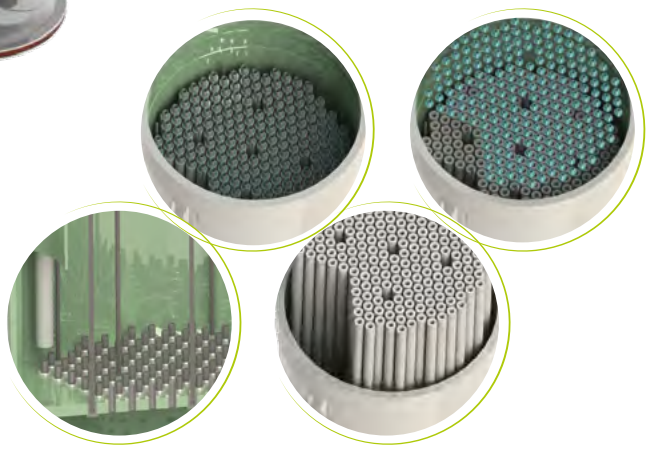
Note: Other colour options available upon request.

Cartridge Installation

The Standard design is based in a "spring & nipple" fixing, which allows for an extremely rapid installation and removal of the cartridges. The careful design and distribution of the tightening rods ensure a perfect sealing of DOE cartridges.

Alternatively, FTP BL XL Series can be offered with an "inverted Sword" design. In this case, each cartridge is sealed individually with a sword, which are fixed to the bottom tubesheet.





FULLY CORROSION RESISTANT

QUICK & EASY CARTRIDGE REPLACEMENT

STANDARD 10 BAR DESIGN PRESSURE

UV PROTECTION FOR OUTDOORS INSTALLATION

WIDE RANGE OF DIAMETERS 80-215 CARTRIDGES

+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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