



CARTRIDGE FILTERS

FRP/GRP CARTRIDGE FILTER HOUSINGS FOR MEDIUM/LARGE FLOWS:

Bindutech's FRP/GRP (Fiber Reinforced Polyester) Cartridge Filters are engineered to operate in heavy duty applications, providing superb filtration efficiency and durability.

MATERIALS:

The Material selection is based on the stringent operating conditions: corrosive fluids and atmospheres, outdoor installations and marine atmospheres, amongst others.

The hydraulic design minimizes turbulent regimes caused by high flow & pressure inlet currents, avoiding damage to internals/filtering media, enhancing filtration efficiency and minimizing pressure drop.

Standard Materials

Housing: FRP/GRP Fiber glass Reinforced Polyester with Vinyl - Ester Resin Barrier



ADVANTAGES

- * Excellent filtration efficiency.
- * Perfect corrosion resistance behavior.
- * Reduced maintenance during its life span.
- * Versatility in design operations.

Model	Avg Design Flow m ³ /hr	Max Design Flow m ³ /hr	No. of Cartridges	Length Cartridges (mm)
CF-80	208	320	80	1016
CF-120	312	480	120	1016
CF-180	468	720	180	1016
CF-240	624	960	240	1016
CF-280	728	1120	280	1016
CF-360	936	1440	360	1016

Note:

- * Average Design Flow calculated for a flow rate of aprox 0.65 m³/h per every 10'' of cartridge.
- * Recommended operating flow rate (conservative) of 0.65 m³/h per every 10'' of cartridge length.
- * Maximum recommended Flow rates depending on cartridges length.
- * 40'' length elements: up to 1.00 m³/h per every 10'' cartridge length(4m³/h per cartridge element)