



FRP HORIZONTAL PRESSURE FILTERS FOR DESALINATION





PROJECT DESCRIPTION

Equipment:

4 pcs GRP horizontal pressure filters with nozzle plate with nozzles,
diameter 3.000mm x 8.000mm,
5 bar design pressure, with GRP ladders and platforms according EN14122-3

Final destination:

West Africa

Final client:

Power plant

Technical data:

All filters with filtering plate with PP nozzles, top diffusor, all flanges by ANSI 150LB
Static calculations by EN13121-3

Weights:

11t

Environment:

Outdoor, Seismic and wind conditions included in static calculations

Application:

Pretreatment for RO plant

Medium:

Sea Water

Working temperature:

max 50°C

Resin:

Vynilester liner, isoftalic reinforcement

Type of laminate:

Corrosion barrier: 2,5 mm, Veil C, ECR glass
Structure laminate: chopped strand mat, woven roving, filament winding

Manufacturing process:

Vacuum infusion, Hand-lay up, Spray up, Filament winding

Izola, 3.10.2016

More info at <http://en.technol.si/industrial-water/horizontal-filters-for-desalination-plants/>