

VIEMKA S.A. Industrial and Mechanical Constructions

Thrakis 10 Aghia Paraskevi 153 41 Athens Greece www.viemka.gr

Tel.: +30 210 65 100 73 Fax: +30 210 65 100 16 viemka@viemka.gr

DEBRIS FILTER for sea and river water 1800 m³/h

Automatic self flushing – DEBRIS FILTER with washouts rejection – blocking free design.
Steam turbine condensers and desalination plants protection of macro fouling.

Position : angle , vertical or horizontal.

Design pressure : 6 barg. Casing : Carbon steel. Painting : epoxy 250µm.

Filter : 60 % perforated stainless steel sheet 8mm.

Diameters: Inlet 600 , Outlet 600 mm , Length : 1500 mm , Weight : 500 kg.

Flow volume : **1800 m³/h**

Washouts rejection flow : **3%** only for washing time intervals.

Main flow static pressure at inlet position 0.7 barg.

Pressure drop after washout : 30mbar.

Minimum backwash pressure drop required : 0.5 bar.

Starting washing at : 70mbar. Stop washing at : 30mbar.

Rotating device : 2kW.

4'' motorized butterfly valve for washouts rejection flow control.

Operation Control by PLC.

Special execution on request.

