

ATAC ECO FILTER

Specifications

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The ATAC ECO Filter is a rapidly deployable biological filter engineered to effectively treat a wide range of effluents, from ground water to raw sewage. This technology has been developed to treat excess wastewater, which is highly diluted by ground water being pumped out of sewers, to an elevated standard that surpasses previous achievements. Once the effluent passes through the ECO Filter, it is sufficiently treated to be safely returned to the environment.

Notably, the ECO Filter has been designed for rapid deployment and does not require any additional power or services to operate. With just two connections, the unit is ready to be put into operation. Extensive trials have demonstrated that the ECO Filters rapidly enhance the Dissolved Oxygen Saturation to above 95% once commissioned. Moreover, the formation of a biofilm within the filter leads to a noteworthy reduction in BOD and Ammonia loads within the effluent, with typical removal rates of 30-40%.

Dimensions	2.4m Wide x 2.4m Deep x 3.3m High
Weight	Dry = 2 tonnes, Wet = 6 tonnes
Material	Stainless Steel
Fabrication	Fully Welded Construction
Media	Fixed Film Corrugated PVC
Effective Surface Area	3525m ²
Connections	Inlet DN100 PN16; Outlet DN200 PN16 Flange
Life span	25+ years
Flow Rate	Nominal 10 l/sec, MAX. 20 l/sec
Removable perforated screen	10mm to prevent rag & debris from passing through the filter
Top cover	Supplied with a top cover to prevent splashing

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