Evac

Cleantech Solutions. Anywhere.

Evac EcoTreat

Cost-effective biological treatment plant

The Evac EcoTreat biological waste-water treatment plant delivers the best of both worlds for owners of small vessels, with cost-effective treatment of black and gray water that meets and exceeds the latest environmental standards.



Evac EcoTreat is a biological system for the efficient treatment of black wastewater from toilets and urinals and gray wastewater from washbasins, sinks, galley, laundry and showers. Treating wastewater in this way completely eliminates the need for any chemicals or filters. The plant has been designed to make operation and maintenance as easy and cost effective as possible. Its compact footprint and low weight means it is suitable for smaller vessels where space restrictions may be tight.

Benefits

- Certified and Type approved by DNV according to IMO MEPC 227(64)
- Approved by US Coastguard and Transport Canada
- Compact design and low weight
- Chemical-free
- Low and easy maintenance requirements
- Cost-effective
- Black steel or stainless steel as standard
- Environmentally friendly
- More than 800 plants delivered since 2002



Evac EcoTreat

The compact Evac EcoTreat represents the next generation of biological sewage plants and is the ideal solution for smaller vessels. Evac EcoTreat uses the submerged fixed-film bacteria principle with enchanced settling matrix for solids separation and UV light for final disinfection. Available in capacities from 2–11 m3/day, the plant is compatible with both gravity and vacuum-based wastewater collection systems.

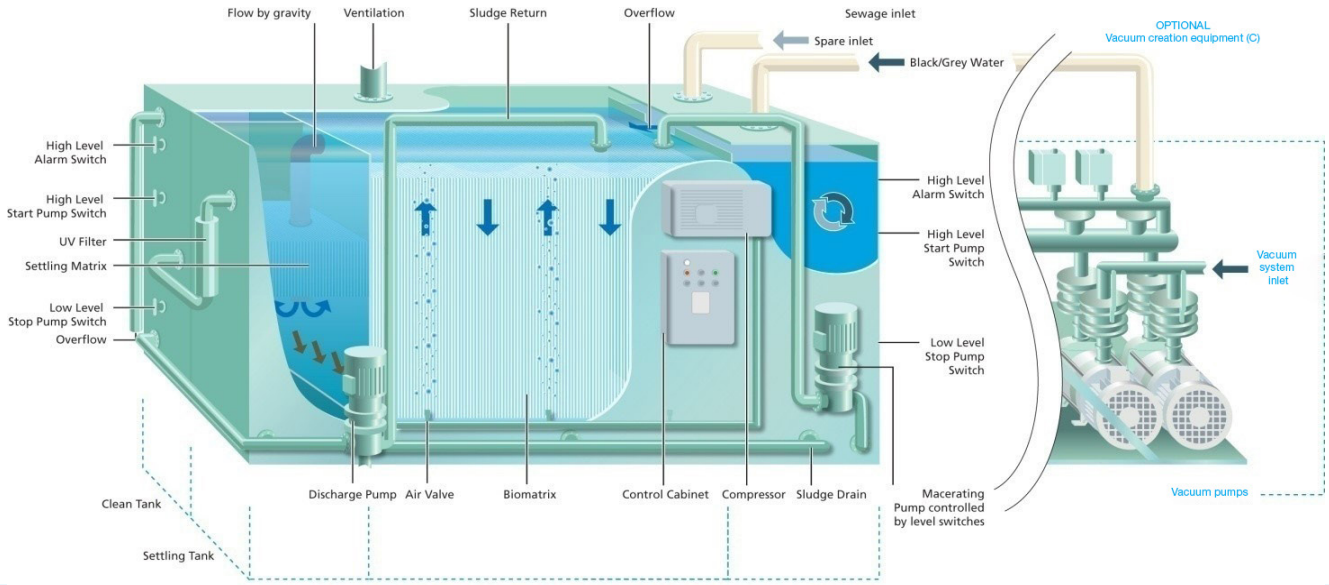
Key features include:

- 6 standard units – ranging from 1.85 m^3 day up to 11.10 m^3 /day in a single system
- Custom made split units possible – e.g. for retrofit projects
- Designed for easy maintenance
- Built-in effluent water tank and sewage holding tank
- High quality components

Model	Hydraulic load (m^3/day)	Organic load (kg BOD_5/ day)	Dimensions W x L x H
Evac EcoTreat 2	1,85	0,75	2210x1320x1570
Evac EcoTreat 4	3,70	1,50	2310x1620x1570
Evac EcoTreat 5	5,55	2,25	2910x1620x1570
Evac EcoTreat 7	7,40	3,00	3510x1650x1570
Evac EcoTreat 9	9,25	3,75	3310x1650x1860
Evac EcoTreat 11	11,10	4,50	3760x1650x1860

The units are available in coated black steel, stainless steel and coated staineless steel. Units are also available with vacuum creation equipment (C). The units with vacuum creation equipment (C) are 500mm longer by length.

Principle of operation



Related products

1. Evac Optima 3 vacuum toilets
2. Evac EV19 vacuum pump
3. Evac Optima 5 vacuum toilets
4. Evac SGT grease separator


1.


2.


3.


4.

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Vacuum collection | Wastewater treatment | Dry and wet waste treatment* | Fresh water generation | Systems automation

Evac Group is the world's leading provider of integrated waste-, wastewater-, and water management systems for the marine, offshore, and building industries. The company has executed over 20,000 marine, 1,500 offshore and 2,000 building projects worldwide. Evac has employees in Brazil, China, Finland, France, Germany, Korea, Norway and the USA, and representatives in more than 40 countries.

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* Sold under Bvac trademark for the building industry.

Representative

Evac Group / 09.2017