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Evac EcoVac Vacuum tanks



Benefits

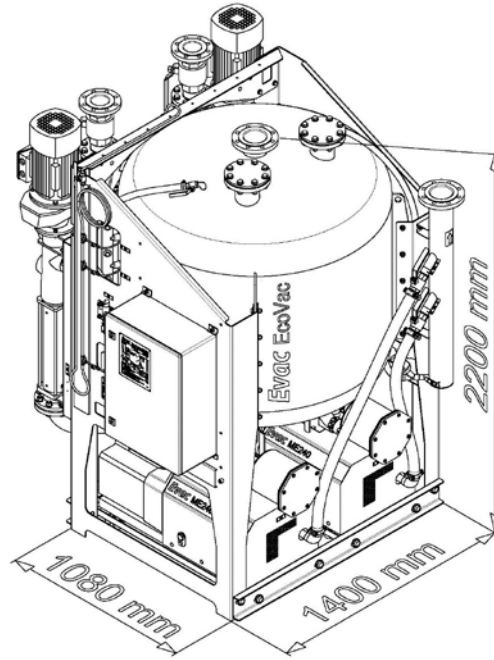
- Modern design with optimized components
- Very compact design without sacrificing easy maintenance
- Excellent energy efficiency
- High capacity
- Tank acts as a vacuum buffer to stabilize the system
- Available in a range of vacuum capacities
- Flexible system can be expanded as required
- Based on proven, reliable technology
- Integrated backup pumps



Evac EcoVac

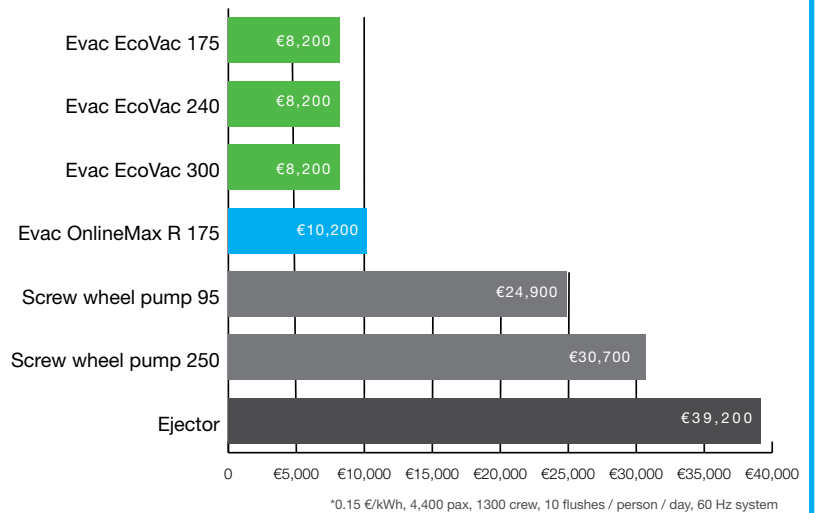
Evac EcoVac vacuum tanks are ideal for black and gray water collection on board large vessels, making them a viable option for cruise ships.

The Evac EcoVac offers excellent energy efficiency which today is more important than ever. Vacuum tank systems consist of a tank with a typical volume of 1.5 m³, vacuum pumps, and sewage discharge pumps. In a system with an Evac EcoVac unit, the whole tank is under vacuum.



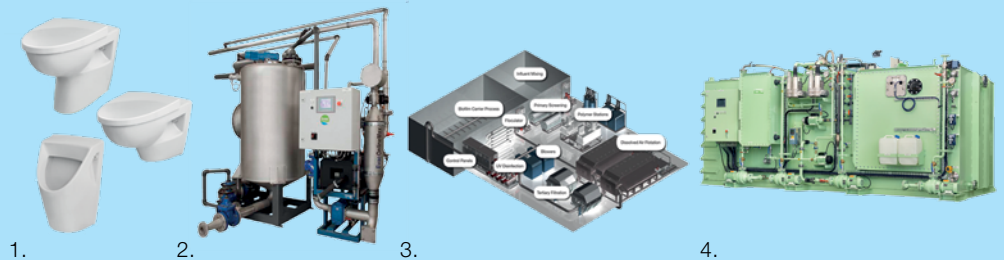
Models	Evac EcoVac 175 Evac EcoVac 240 Evac EcoVac 300
Operating data	Tank volume: 1.5 m ³ Operating volume: 0.8 m ³ Vacuum capacity: 2 x 175-300 m ³ /h (60 Hz) Discharge capacity: 2 x 18 m ³ /h (60 Hz) Discharge pressure: 2 bar (up to 5 bar on request)
Nominal power	Vacuum: 2 x 4-7.5 kW Discharge: 2 x 3 kW
Materials	Vacuum pumps: <ul style="list-style-type: none"> Pump casing and claws: cast iron, PTFE coated inside Discharge pump: <ul style="list-style-type: none"> Pump casing: cast iron Rotor: EN 1.4301 Stator: Perbunan Tank and piping: EN 1.4404 (AISI 316L) Frame: EN S355 (ASTM A572)
Weight	Dry: 450-1530 kg Operational: 1790-2710 kg

Annual energy cost, 4,400 pax cruise ship*



Related products

1. Evac Optima 5 vacuum toilet
2. Evac food waste collection system
3. Evac MBBR wastewater treatment moving bed reactor
4. Evac MBR wastewater treatment membrane bioreactor



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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