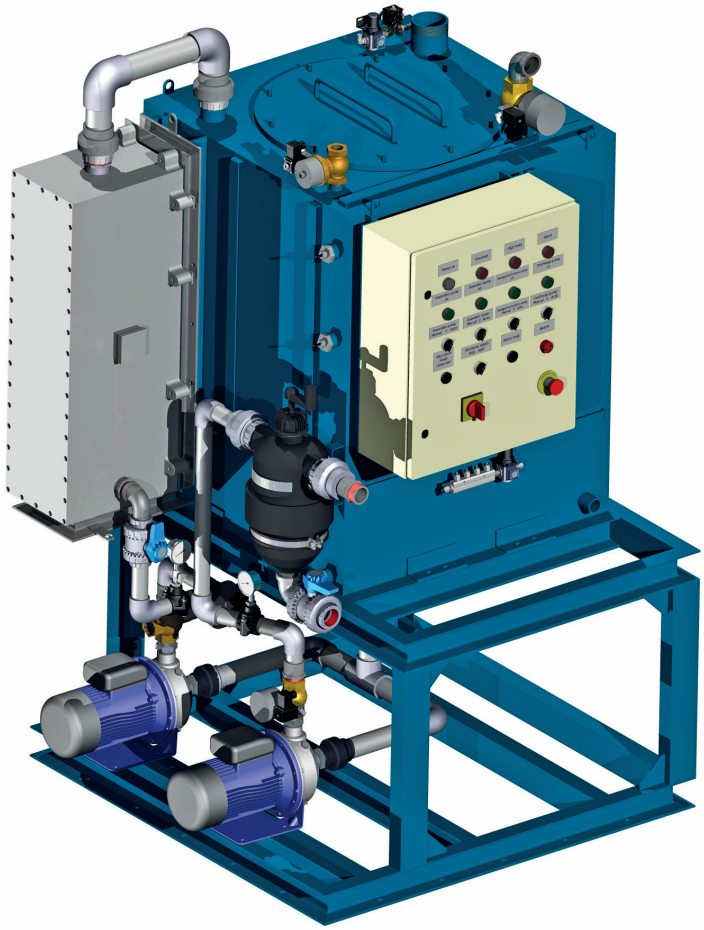
Evac

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Evac ORCA IV

Electrolytic wastewater treatment plant



Benefits

- Compact, modular design with a small footprint
- Fully automatic operation
- Low operation and maintenance cost
- Highly efficient black and gray water treatment
- No need to store or handle chemicals
- IMO MEPC 227(64) approved



Evac ORCA IV wastewater treatment plant

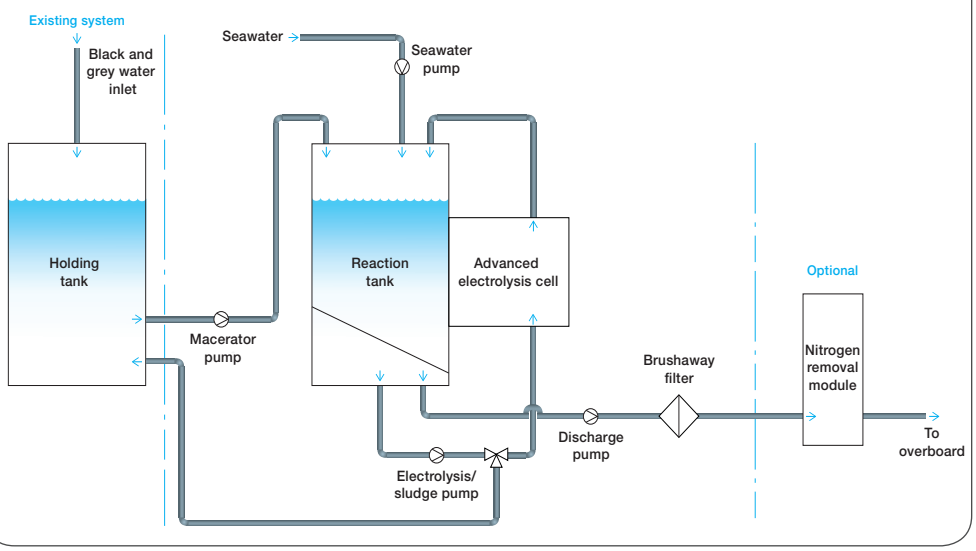
The Evac ORCA IV electrolytic wastewater treatment plant is designed to treat black and gray wastewater aboard multiple vessel types (cargo vessels, navy vessels, yachts, ferries, small cruisers), as well as on offshore platforms.

Evac Orca IV is a purely electrolytic wastewater treatment plant that fulfills the requirements of MEPC 227(64) of the International Maritime Organization (IMO) and is also U. S. Coast Guard (USCG) approved.

Model*	Hydraulic loading (l/day)	Organic loading (kg/day)	Dry weight (kg)	Wet weight (kg)	Dimensions L × W × H (mm)
Evac ORCA IV 15	1350	1.2	350	550	1013 × 912 × 1637
Evac ORCA IV 35	3150	2.8	420	1000	1204 × 1050 × 1637
Evac ORCA IV 50	4500	4	570	1250	1178 × 1148 × 1919
Evac ORCA IV 65	5850	5.2	630	1550	1390 × 1322 × 1860
Evac ORCA IV 100	9000	8	800	2330	1818 × 1105 × 1785
Evac ORCA IV 200	18000	16	1400	4450	2270 × 1820 × 1805
Evac ORCA IV 300	27000	24	2050	6700	3400 x 1830 x 1818
Evac ORCA IV 500	45000	40	2870	9000	4670 x 1820 x 1805
Evac ORCA IV 600	54000	48	3520	11100	5870 x 1820 x 1805
Evac ORCA IV 700	63000	56	4220	13500	7070 x 1820 x 1937

*For older Evac ORCA models (ORCA II), please contact us.

Process flow diagram



The compact, modular design makes it ideal for both installation on new vessels and retrofitting existing vessels. It operates on a batch basis but is basically continuous, fully automatic in normal operation, and has low maintenance requirements.

Depending on the model, the hydraulic load for black and gray vacuum wastewater treatment ranges from 1,350 to 63,000 liters / 357 to 16,643 gallons per day.

Related products

1. Evac Optima 5 vacuum toilets
2. Evac OnlineVac vacuum generation unit
3. Evac food waste management system
4. Evac EBU 35 H compactor

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

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