



# TRITON EC

## Electrochemical Sewage Treatment Plant

TRITON EC is designed for waste water treatment on board merchant ships, Navy vessels, yachts, ferries, small cruisers, offshore platforms and most other marine type applications.

Defining environmental protection since 1977

**Over 2000 installations. An unrivalled global network.**



### Quality

- High manufacturing quality
- High effluent quality
- Advanced electrolytic process



### Efficiency

- Small volume & footprint
- Minimum operational costs & maintenance
- Fully automatic operation



### Sustainability

- Chemical-free operation
- Protecting sensitive marine coastal ecosystem



## NAVY



## YACHTS



## OFFSHORE

# Description

TRITON EC is a purely electrochemical wastewater treatment plant. It is a completely chemical-free sewage treatment plant meeting the requirements of MEPC 227 (64) of the International Maritime Organization (IMO).

TRITON EC is also available in modules, which makes the system ideal for retrofit projects where openings of doors and hatches are limited. Our technical team can support any type of installation, finding the best technically and economically available solutions.

# Nitrogen & Phosphorus Removal

Extra requirement for Nitrogen and Phosphorus (NP) removal for passenger ships in Special Areas (Baltic Sea).

This add-on equipment applies to passenger ships intending to discharge treated sewage in special areas (section 4.2 of resolution MEPC.227(64)). Before overboard discharge, treated effluent passes from ion exchange resin to reduce TN content for ships which are in need of such an option, TRITON EC can provide this.

# Product Range

Models	Hydraulic loading (l/day)	Organic loading (kg/day)
TRITON EC – 15	1500	1,2
TRITON EC – 35	3500	2,8
TRITON EC – 50	5000	4,0
TRITON EC – 65	6500	5,2
TRITON EC – 100	10000	8,0
TRITON EC – 200	20000	16,0
TRITON EC – 300	30000	24,0
TRITON EC – 500	50000	40,0
TRITON EC – 600	60000	48,0
TRITON EC – 700	70000	56,0

**Environmental Protection Engineering S.A.**

## HEAD OFFICE

📍 Piraeus, Greece

☎ +30 210 40 60 000

✉ epe@epe.gr

## FOLLOW US

🌐 [www.epe.gr](http://www.epe.gr)

[in](#)
[X](#)
[f](#)
[y](#)

