

Diesel Emissions Control Solutions for Marine Vessels



Immediate and Measurable Impact to Reducing Black Carbon

Backed by 25 years of engineering and innovation, Rypos is a leader in the development of active diesel particulate filter technology.

- » Active filter regeneration independent of exhaust temperatures
- » Ideal for extended idle operations
- » Low back pressure maximizes engine performance
- » Total particulate matter reduction to 95%+
- » Reduces hydrocarbons, carbon monoxide, and NO₂
- » Energy efficient, less than 1% fuel penalty
- » Flexible design options



RH410-XL

Meet CARB's CHC Regulations with the Rypos Active DPF

Recognizing the degradation of air quality in the ports driven by ship emissions CARB, the California Air Resources Board, AQMD and other regulators have set performance standards for vessel emissions. Vessel operators now have a reliable, sustainable solution to meet the proposed regulations. Rypos' patented, self-cleaning technology is an efficient retrofit solution for marine diesel generator and propulsion engines.

California PM2.5 Emissions

Tugboat and Ferry vessels are the two leading commercial harbor craft (CHC) contributors to port emissions, combined they emit 30% of total CHC PM2.5 emissions.



PM2.5 Emissions from Commercial Harbor Craft

30%

Tugboats & Ferries

24%

Workboats, Pilot, Research, Crew and Supply

23%

Commercial Fishing Vessels

11%

Sport Fishing Vessels

7%

Excursion Vessels

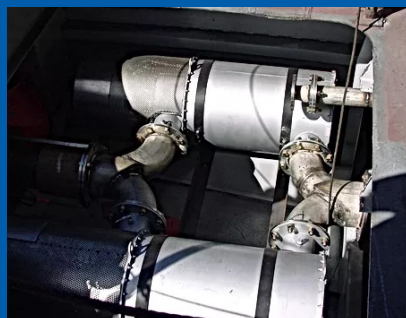
5%

Barge & Dredges

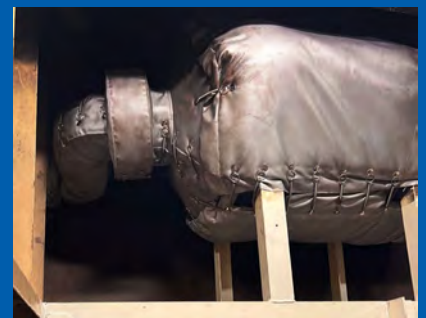
Proven Durability and Reliability

- » CARB Level 2+ Verified, Level 3+ Pending
- » Self-Cleaning, Minimal Maintenance Required
- » Lowest Total Cost of Ownership

Marine Barge DPF



Passenger Vessel DPF



Scan this QR code with your smartphone to start your sustainability journey.

Contact info@rypos.com or 949-395-4190 today!

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