

Engineered for a Cleaner, More Refined Journey!

Power Without Compromise, Comfort Without Disruption.

On a luxury yacht, every detail defines the experience. The GreenTRAP™ NOVA 320 is designed for those who expect more, with greater refinement, enhanced comfort, and full control over the onboard environment.

Eliminate visible smoke. Remove harsh diesel odors. Prevent fine particulate matter from settling on decks, railings, and exterior surfaces, preserving the pristine appearance of your vessel while reducing ongoing cleaning and maintenance.

Tier 4 (T4) engines may meet emissions standards, but without integrated Diesel Particulate Filters (DPFs), fine soot is still released. These particles do not disappear; they gradually settle across your yacht, affecting cleanliness, guest comfort, and the overall onboard experience.

The GreenTRAP™ NOVA 320 addresses this at the source by capturing and eliminating particulate emissions directly from the exhaust. The result is a significantly cleaner output, improved engine performance, and reduced soot-related maintenance.

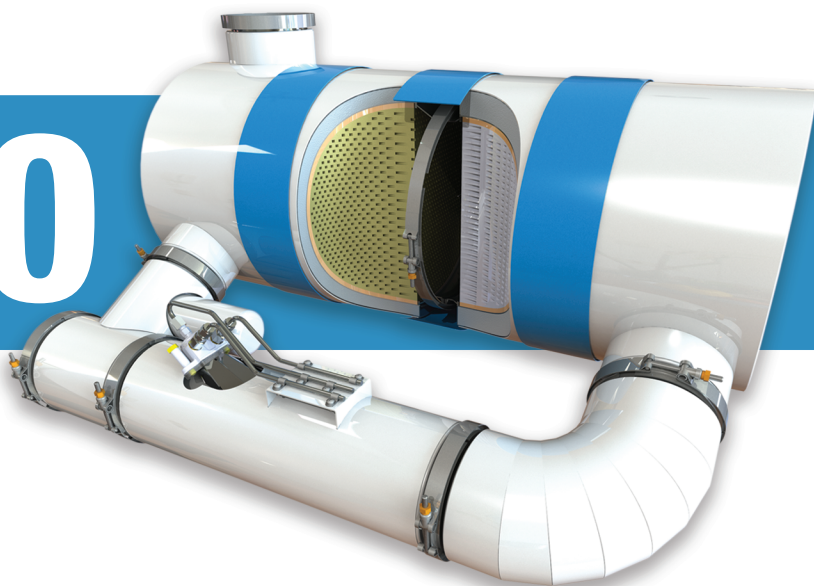
It also supports evolving regulatory requirements, including California Air Resources Board (CARB) Commercial Harbor Craft (CHC) regulations, which require certain Tier 4 engines without DPF systems to be retrofitted for improved emissions control.

Engineered for real-world marine conditions, the system delivers up to 99% reduction in particulate matter (PM), up to 99% reduction in carbon monoxide (CO), and up to 96% reduction in hydrocarbons (HC), including associated VOCs and HAPs.

GreenTRAP™

Nova 320

Active Diesel Particulate Filter



scan and learn



Sold and supported globally, Nett Technologies Inc., develops and manufactures proprietary catalytic solutions that use the latest in diesel oxidation catalyst (DOC), diesel particulate filter (DPF), selective catalytic reduction (SCR), engine electronics, stationary engine silencer, exhaust system and exhaust gas dilution technologies. Our reliable and real-world emission solutions will extend the usable life of existing equipment while allowing you to avoid costly future replacements. We manufacture emission control solutions that are California Air Resources Board (ARB) and the U.S. Environmental Protection Agency (EPA) verified. As the emission control authority, we are here to help you navigate through the hassles and complexities of emission control compliance.

NETT
TECHNOLOGIES INC.
...the emission control authority.

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GreenTRAP™ NOVA 320 PRODUCT OVERVIEW

How the NOVA 320 Works ?

The GreenTRAP™ NOVA 320 is designed to operate seamlessly in the background, continuously managing emissions to protect both engine performance and the onboard environment.

As exhaust gases pass through the system, particulate matter is captured within a high-efficiency Diesel Particulate Filter (DPF), preventing fine soot from being released into the air and settling on decks, railings, and surrounding surfaces.

A Diesel Oxidation Catalyst (DOC) works in combination with the filter to condition the exhaust stream and support the reduction of harmful emissions, ensuring smooth and efficient engine operation.

When operating conditions allow, the system passively cleans itself by oxidizing accumulated soot. In lower temperature conditions, it automatically activates Hydrocarbon Injection (HCI), safely increasing exhaust temperature to remove soot and maintain optimal performance.

An integrated Electronic Control Unit (ECU) continuously monitors temperature, pressure, exhaust flow, and engine load, ensuring precise control of the system at all times.

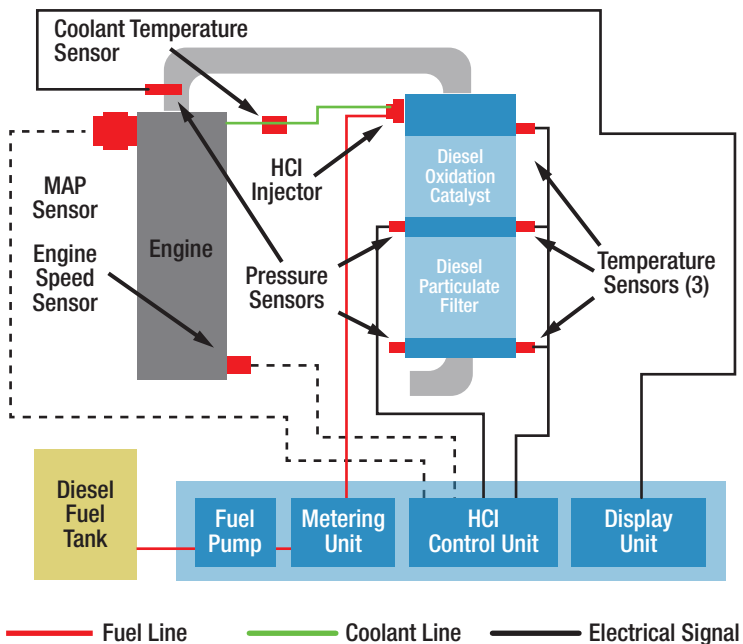
The result is a fully automated solution that maintains clean exhaust, reduces soot buildup, minimizes maintenance, and preserves the refined onboard experience expected on luxury vessels.

Cleaner Decks. Less Maintenance. Better Experience.

Even with Tier 4 engines, fine soot particles can still be released and settle across decks and exterior surfaces.

The GreenTRAP™ NOVA 320 captures these particles before they leave the exhaust, helping maintain the clean, polished appearance expected on luxury vessels.

GreenTRAP™ NOVA 320 System Schematic Drawing

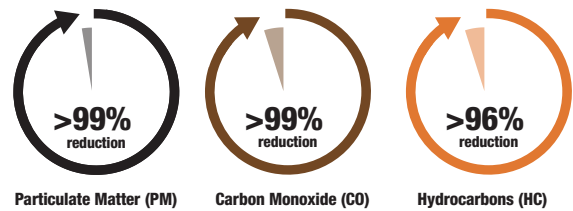


PRODUCT FEATURES

- Advanced Hydrocarbon Injection (HCI) system for reliable regeneration
- Fully automatic operation with optional manual control
- High-efficiency filtration to significantly reduce particulate emissions
- Real-time monitoring with integrated display and system feedback
- Intelligent control system with diagnostics, alarms, and data logging
- Designed for engines ranging from 50 kW to 450 kW
- Internally insulated design for optimized thermal performance
- Extended maintenance intervals of 2000 to 5000 hours
- Energy-efficient operation with minimal additional fuel consumption
- Compact, custom-fit configurations for seamless integration

EMISSIONS REDUCTION PERFORMANCE

Typical GreenTRAP™ NOVA 320 Emissions Reduction Performance



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...the emission control authority.

Contact Nett Technologies Inc. today at:

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or visit us online at www.nettinc.com