Your diesel engine emission control just got easier!

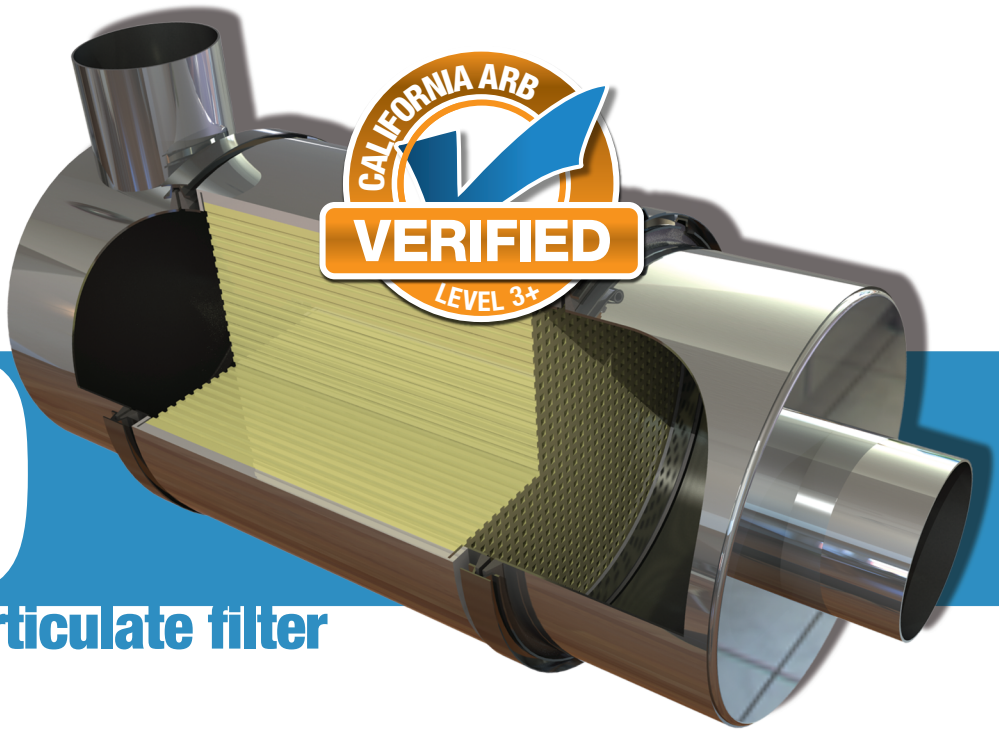
Diesel engines are an excellent power source, with the exception of their emissions. Particulate Matter (PM)/soot is a significant contributor to air pollution causing negative environmental and health impacts worldwide. Nett Technologies' GreenTRAP™ 300 is a passive Diesel Particulate Filter (DPF) system that is designed to control PM emissions from diesel engines in stationary applications.

The GreenTRAP™ 300 system utilizes cordierite or silicon carbide wall-flow monoliths to trap the soot that is produced by diesel engines. A proprietary catalyst is coated onto the inside surface of the filter monolith which lowers the soot combustion temperature allowing the filter to self-clean (regenerate) at lower exhaust temperatures. All of the accumulated soot inside the filter can therefore be oxidized during regular operation of the engine. In favorable operational conditions the system has a 85-98% PM reduction. In addition, the system will reduce CO and HC emissions greater than 98% and 82% respectively.

The GreenTRAP™ 300 system is verified by California Air Resources Board (ARB) for diesel engines certified to Tier 1, Tier 2 and Tier 3 with a rating equal to or greater than 50 hp/37 kW. With or without turbocharger, without Exhaust-Gas Recirculation (EGR), mechanically or electronically controlled, and with certified PM emission levels below 0.2 g/bhp-hr.

In addition, the system is verified for Tier 4i diesel engines with a rated power between 50 hp/37 kW to 75 hp/56 kW or over 750 hp/560 kW, as well as Tier 4 Alt 20% NOx and PM certified off-road engines used in stationary prime and emergency standby generators and pumps.

The GreenTRAP™ 300 PM control system is customized to fit your specific application, providing you full control over PM, rather than allowing PM to control you.



GreenTRAP™ 300

passive 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.

www.nettinc.com

GreenTRAP™ 300 PRODUCT OVERVIEW

How does the GreenTRAP™ 300 system work?

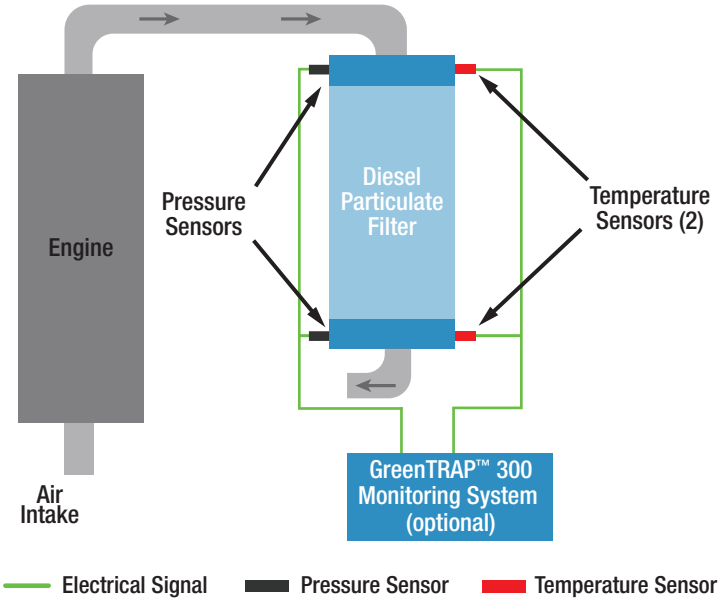
The GreenTRAP™ 300 Diesel Particulate Filter (DPF) system utilizes cordierite or silicon carbide wall-flow monoliths to trap the soot produced by diesel engines. The cylindrical filter element consists of many parallel channels running in the axial direction, separated by thin porous walls. The channels are open at one end and plugged at the other, forcing the particle laden exhaust gases to flow through the walls. Gases are able to escape through the pores in the wall material, but particulates are too large to escape and are trapped inside the filter.

A proprietary catalyst is coated onto the inside surface of the filter monolith. The catalyst lowers the soot combustion temperature allowing the filter to regenerate at lower exhaust temperatures. The accumulated soot inside the filter can therefore be oxidized during regular operation of the engine. Exhaust temperatures of 275-300° C (527-572° F) for 25-30% of the operation time are necessary for proper filter regeneration, when Ultra-low Sulfur Diesel (ULSD) fuel is used. Nett Technologies' filters can be used with all fuels, with up to 500ppm sulfur content; however, higher exhaust temperatures will be required for regeneration which can be achieved on most medium and heavy duty diesel engine applications.

In favorable operational conditions, the system can reduce up to 98% of Carbon Monoxide (CO), 82% of Hydrocarbons (HC) and 85-98% of Particulate Matter (PM).

The monitoring system (optional) along with 2 temperature sensors and 1 differential pressure sensor are used to monitor the DPF backpressure and DPF inlet/outlet temperatures in real time. The monitoring system will notify the operator of possible system issues and will ensure a problem free operation during the whole life span of the system.

GreenTRAP™ 300 System Schematic Drawing

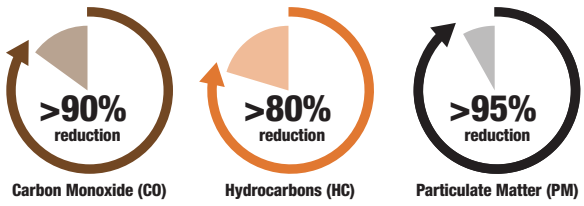


PRODUCT FEATURES

- Passive system
- Ideal for diesel engines used in stationary applications (power generation, gas compression, co-generation, pumping stations and irrigation equipment)
- Compact design with thermal insulation
- Optional computerized controller with 3 customizable alarms and data logging capabilities
- System maintenance intervals of 2000 to 6000 hours
- Stainless steel housing, custom fit available
- Optional bypass valve

EMISSIONS REDUCTION PERFORMANCE

Typical GreenTRAP™ 300 Emissions Reduction Performance



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...the emission control authority.

Contact Nett Technologies Inc. today at:

Phone: (905) 672-5453 **Toll-Free:** 1(800) 361-6388

or visit us online at **www.nettinc.com**

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