Lean-Burn Natural Gas Engine Emissions Control Made Simple!

Nett's BlueMAX™ 500 and 520-Series systems are engineered to reduce Nitrogen Oxides (NOx), Carbon Monoxide (CO), and Hydrocarbons (HC/VOC) from lean-burn natural gas engines. By combining Oxidation Catalyst (OC) and Selective Catalytic Reduction (SCR) technologies, these systems deliver high emissions reduction performance while maintaining low exhaust restriction and reliable engine operation.

Designed for stationary, standby, and prime power applications, the BlueMAX™ 500 & 520 is available in both standard- and low-profile configurations, with integrated or standalone silencing options to meet emissions and acoustic requirements. With optimized catalyst sizing, controlled DEF dosing, and proper operating conditions, the system can achieve up to 99% NOx, 98% CO, and 97% HC/VOC reduction.*

BlueMAX™

500 & 520

Selective Catalytic Reduction

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

SCR PRODUCT OVERVIEW

How does the BlueMAX™ 500/520 System work?

Nett's BlueMAX™ 500/520 system uses a combination of Oxidation Catalyst (OC) and Selective Catalytic Reduction (SCR) technologies to reduce emissions from lean-burn natural gas engines.

As exhaust gases pass through the oxidation catalyst, Carbon Monoxide (CO) and Hydrocarbons (HC/VOC) are oxidized into carbon dioxide and water vapor.

For NOx reduction, DEF is precisely metered into the exhaust stream upstream of the SCR catalyst. The injected DEF thermally decomposes to ammonia, which reacts inside the SCR catalyst to convert Nitrogen Oxides (NO_x) into harmless nitrogen and water vapor.

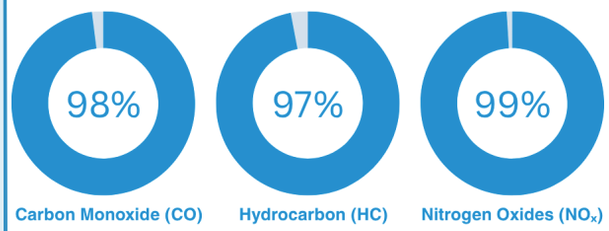
The BlueMAX™ control system continuously monitors exhaust operating conditions to optimize reductant dosing across varying engine loads and operating temperatures.

Integrated or standalone silencing solutions are available to satisfy project-specific acoustic requirements while maintaining low exhaust restriction and reliable engine performance.

PRODUCT FEATURES

- Designed for lean-burn natural gas engines
- OC + SCR emissions control technology
- NO_x, CO, and HC/VOC reduction
- Automated DEF dosing and control system
- Integrated monitoring and diagnostics
- Low exhaust restriction design
- Standard-profile 500-Series configuration
- Low-profile 520-Series configuration
- Integrated or standalone silencing options
- Custom-engineered configurations available
- Suitable for stationary, standby, and prime power systems

EMISSIONS REDUCTION PERFORMANCE



*Actual performance depends on engine type, operating conditions, catalyst sizing, exhaust temperature, fuel quality, and maintenance.

NETT® TECHNOLOGIES INC.

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Contact Nett Technologies Inc. today at:

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

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