



**Emission
Solutions**

RETROFIT SOLUTION. 3-WAY CATALYST XLS.

■ For Rich Burn
Natural Gas
Engines.

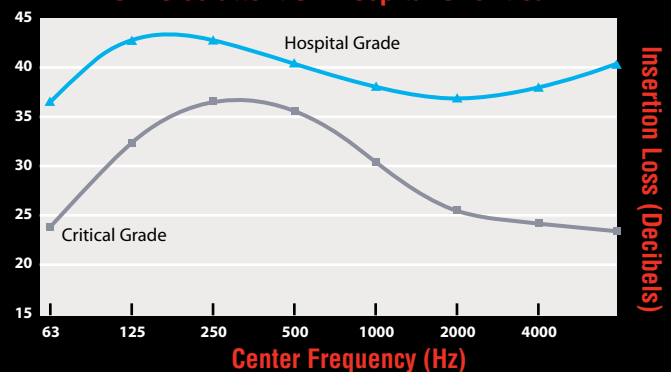
■ Simultaneously reduces NOx, CO,
and THC emissions and can destroy
up to 99% of pollutants, including
Acetaldehyde, Formaldehyde, Acrolein
and Methanol.



■ This unit combines a catalyst with a
silencer providing noise and emission
reductions at the same time

■ Single or multi element
catalytic converter

**Exceeds generally accepted standards
for noise attention—hospital or critical.**



Our Experience is Your Solution.

Cummins Emission Solutions is a leader in catalytic exhaust products. With over 2 million units in service today, we deliver products that work through our legacy of technology, our 30 years experience in exhaust engineering and manufacturing and our partnerships with the best suppliers of emission control components in the market today.

The 3-Way Catalyst XLS with an integrated converter exhaust silencer utilizes Johnson Matthey's technology for the 3 way conversion of NOx, CO and THC emissions from natural gas engines with noise reduction. This aftertreatment device can destroy up to 99% of these pollutants, including Acetaldehyde, Formaldehyde, Acrolein and Methanol, by converting them into environmentally safe nitrogen, carbon dioxide and water.

Flexibility. The 3-Way Catalyst XLS offers maximum flexibility for your installations: single or dual elements; any combination of end in, end out or side in; horizontal or vertical mountings; and are available for retrofit or new applications for Cummins and other engine manufacturers.

Engineered for Performance.

The 3-Way Catalyst XLS technology exceeds generally accepted standards for attaining either hospital or critical levels of noise attenuation.

Now there is no need to buy two products to attain emission and noise compliance. Cummins Emission Solutions has applied its advanced technologies to effectively control emissions and noise from stationary rich burn natural gas engines.

For emissions, the 3-Way Catalyst XLS integrated converters employ three way catalysts to reduce NOx, CO and THC emissions. Custom formulated for your emission reduction needs, the honeycomb monolith catalysts are made of durable, heat resistant stainless steel.

These superior designs yield the lowest achievable pressure drop without sacrificing acoustical performance, giving you



The Cummins Emission Solutions single or multi element 3-Way Catalyst XLS with Silencer sets the industry standard in dependability and performance.

the most practical solution for emissions and noise control.

Recommended for use where equipment must operate continuously in quiet locations such as hospitals, schools, stores, apartment buildings, hotels and residential districts.

Technology That Works.

For access, the 3-Way Catalyst XLS design allows easy installation and removal of the catalyst element... literally in minutes, not hours. The guillotine-style catalyst retainer system provides fast access while securely locking the element in place.

The 3-Way Catalyst XLS with integrated converter exhaust silencers are fully engineered, tested and provides:

- Simultaneously reduce NOx, CO, and THC emissions and can destroy up to 99% of pollutants, including Acetaldehyde, Formaldehyde, Acrolein and Methanol
- Acoustical muffler options
- Carbon steel construction with easy catalyst access (stainless steel models available)
- An option to include an additional catalyst element as needs or regulations change
- Cummins Emission Solutions dependability

Connect to a World of Engine Expertise.

Cummins Emission Solutions provides technologies to protect your equipment and keep it running clean and strong. Supported by the Cummins North American distributor network and Cummins worldwide, our systems bring real value to you – from installation through the life of the product. Choose the emission-reduction leader backed by the Cummins' legacy of technology for your complete equipment needs. Choose Cummins Emission Solutions.



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