



Single Source Solutions For:

**Ovens & Dryers • Energy Recovery Systems
Air Pollution Control Systems • Production Machinery**

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For Immediate Release

Custom Designed Catalytic Oxidizers From The CMM Group Meet Wide Range Of Air Pollution Control Needs

Recommended for airflow capacities from 2,500 to 60,000 scfm+, Catalytic Oxidizers from The CMM Group can be custom designed to meet a wide range of air pollution control needs.

By utilizing a high-efficiency counter-flow plate type heat exchanger, CMM Catalytic Oxidizers can destroy 99%+ of the air pollutants emitted from process exhaust streams by converting them to carbon dioxide, water and heat. Due to lower operating temperatures, catalytic oxidation commonly requires less energy to operate.

The basic design concept of catalytic oxidation is to utilize an industrial grade catalyst to promote the chemical reaction at lower temperatures as compared to thermal oxidation. The rate of reaction is controlled by the temperature of the catalyst chamber and the amount of time that the pollutant spends within the catalyst itself. Oxidation is achieved as pollutants pass through a heated bed of precious metal catalyst.

Backed by an experienced staff with many years of air pollution control experience in many different industries, The CMM Group provides turnkey design, fabrication, installation and project management services for thermal and catalytic oxidizers, rotary concentrators, energy recovery systems, dust collectors, permanent total enclosures, custom ovens and dryers, production machinery and ancillary systems. For further information, email: info@thecmmgroup.com.

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