

Vision CAT

Recuperative Catalytic Oxidizer



10,000 & 7,000 scfm Vision CAT recuperative catalytic oxidizers with spherical bead catalyst for automotive part finishing.



Turnkey design and installation.

Recuperative Catalytic Oxidizer Benefits

- Stainless steel construction is utilized for optimal service life
- Multiple catalyst substrates available to suit your application
- Up to 70% thermally efficient — low energy cost
- Completely factory assembled and tested
- Minimum installation time
- 24/7 service and support

Recuperative Catalytic Oxidizers

The **Vision CAT** recuperative catalytic oxidizer converts VOCs from a wide range of industrial processes — including heat offset printing, fiberglass, composites, paint finishing, bakeries, coffee roasting, wire enameling, chemical processing, and others — into harmless carbon dioxide and water vapor.

All major system components — heat exchanger, burner, catalyst, instrumentation and controls — are designed into one efficient module. The overall system is compact, lightweight and suitable for ground or rooftop mounting.

The **Vision CAT** accepts many different types of VOC-oxidation catalysts, each selected for a specific application.



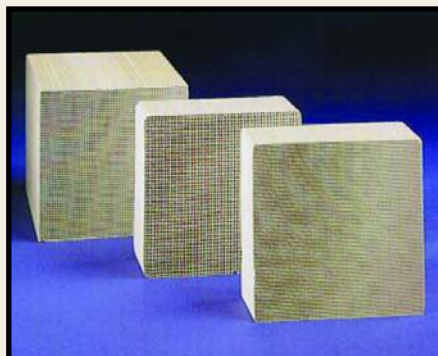
CATALYTIC
COMBUSTION



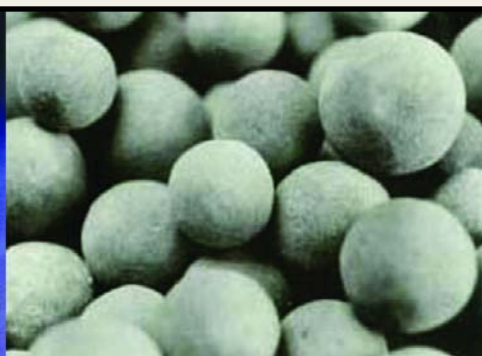
FIFTY YEARS OF
50
ENVIRONMENTAL SERVICES

Vision CAT Types

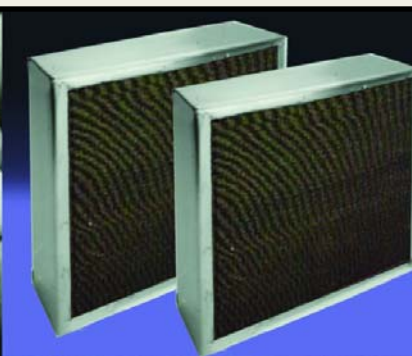
The **Vision Cat** has been engineered for maximum flexibility. The proper catalyst is sized and selected for each application ensuring full and complete compliance.



Ceramic Monolith Catalyst



Spherical Bead Catalyst



Metal Monolith Catalyst

Performance

- Regulatory compliant
- High VOC destruction
- Low CO and NO_x emissions
- Low temperature operation
- 100-20,000 scfm
- Low pressure drop
- UL and FM approved
- Up to 25% LEL

Put Over 50 years of Pollution Control Experience to Work for You!

Backed by more than 50 years of air pollution control experience, the **Vision Cat** represents our commitment to providing customers with state-of-the-art pollution control technology.

For the optimum balance between initial capital cost and long system life expectancy, contact Catalytic Combustion Corporation to request a confidential application engineering study of your process.

Over 2,500 air pollution control installations worldwide since 1950.



**CATALYTIC
COMBUSTION**

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