

CATALYTIC COMBUSTION

EMISSION TECHNOLOGIES

GO VENTLESS WITH CATALYST TECHNOLOGY



Best Available Performance

Catalyst technology provides the best available performance, effectiveness, longevity, and flexibility. The catalyst induces a chemical process that slashes unwanted emissions with no filters and no capture.



Premium Indoor Air Quality

Catalyst technology can be customized to your emission needs or an end user product specification and provides the most effective emission and odor control available on the market today.



Zero or Low Maintenance

With no filters to replace or clean, the all-metal catalyst emission system can last the lifetime of the equipment with little to no maintenance needed.



Compact/Integrated Design

Catalytic Combustion's technology can either be incorporated into the internal structure of your product or can be provided as a compact unit for seamless integration into the design and style of your product.



Provides Flexibility

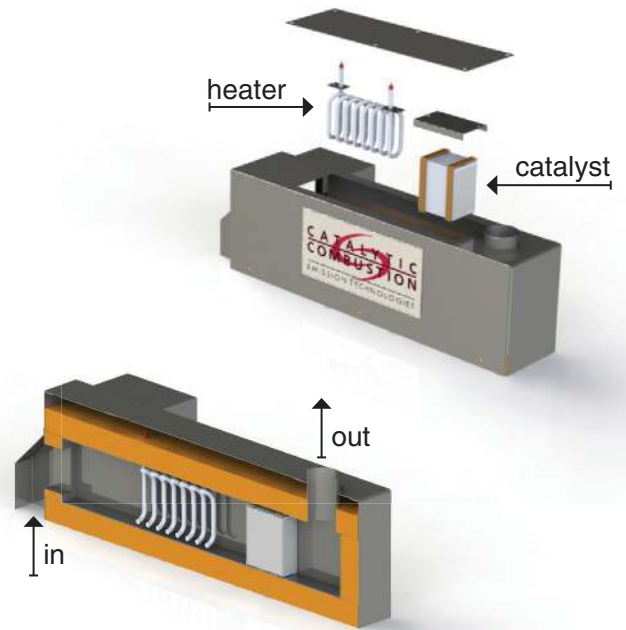
Leverage your market value with equipment that can be placed anywhere without any deterioration of indoor air quality, the need for expensive grease-related exhaust hoods or other specialized construction.

Catalyst or Heater + Catalyst Combination

Ventless emission control system is a compact unit featuring a precious metal coated catalyst. In many applications the addition of a heating element can enhance the control of aerosolized grease and odorous VOCs (Volatile Organic Compounds).

During the development process our team will work with you to:

- Characterize the emissions generated by your product across its range of cooked foods
- Fully understand your equipment design and how the catalyst system will integrate with it
- Provide recommendations specific to your needs



By combining heating technology you can further enhance catalyst reactions resulting in:

- Better performance
- No maintenance
- Improved aesthetics with compact enclosed unit
- A component which can be integrated into your design and installed at your factory or available as an optional user upgrade
- Customized catalyst formulation for the emission needs, market, or end-user specifications

Why Catalytic Combustion?

- Thorough, scientifically driven development process utilizing our on-site lab
- Decades of experience in mass manufacturing catalyst products for both the commercial and residential appliance manufacturing markets
- Made in the USA at our ISO 9001 certified company

