

# Emission Control Products for Gas Compression

Catalytic Combustion Corporation is an industry leader in catalyst manufacturing and has provided air quality solutions for over 60 years. We manufacture our own substrates, apply our own coatings and build our own housings to provide air quality solutions to diverse industries and applications. Integrity, Service, Excellence – Company Values that we live by every day to deliver quality products on time with a commitment to always exceed our customer's expectations.

Elements can be manufactured in a range of 4 inches to 48 inches in various shapes. We also offer multiple cell density structures to better suit your application needs.

### 3-Way Catalysts / Non-Selective Catalytic Reduction (NSCR)

- · Long term NOx reduction
- Platinum/Rhodium and Palladium/Rhodium versions for NOx, CO and VOCs
- · Dithering and non-dithering control schemes compatible

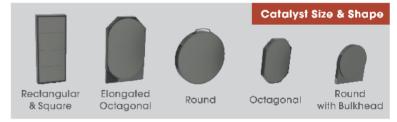
#### Coatings & Substrates +

A catalyst includes a substrate material coated with precious metals. Substrates include: Metal foil, mesh, metal screen and ceramic honeycomb.



#### **Oxidation Catalysts**

- · Long term CO reduction
- · Platinum only for CO and high level VOC and HAP control
- Platinum/Palladium for CO and moderate level VOC control



Custom shapes and sizing options available

### **Contact Our Headquarters:**

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## **Housing Options**

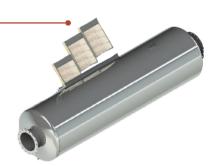




Designed for high flow rate engines and high destruction efficiencies. Large horsepwer (2000+ hp).

#### PFS Series + **Parallel Flow Series**

Designed for high flow rate engines and high destruction efficiencies. Mid-range horsepwer (500-2000 hp).



#### - FSC Series Face Seal Catalyst

Larger Horsepower Engines (17-inch to 37.5-inch diameter elements).

#### ICC Series +

Integrated Catalytic Converter

Small Horsepower Engines (6-inch to 14.5-inch diameter elements).



#### → PSC Series Perimeter Seal Catalyst

Medium Horsepower Engines (10-inch to 14.5-inch diameter elements).

#### **BCC Series** ⊢ **Band Clamp Catalyst**

Smaller Horsepower Engines (8-inch to 14.5-inch diameter elements).



#### → IPSC Series Integrated Perimeter Seal Converter

Simplified construction for smaller foot print. Small horsepower engines.

#### SCR Series ⊢

Selective Catalytic Reduction

Multi-pollutant SCR Systems, NOx, CO, VOCs, PM, NH3 slip. Tier IV final compliant - 400 kW to 5MW.

**Patents Pending** 



Accessories Available: Platforms, Ladders, Expansion Joints, Piping, Insulated Blankets