Turn Key Installation – Catalyst Housing Upgrade/Retrofit

We offer field services to support our customers from quote to installation. Years of in-field experience enable Catalytic Combustion to coordinate the project oversight for the installation of catalyst housings, supports, platforms, and optional accessories.

Available Services
- Standard and Custom Support Platforms
- Material Procurement and Delivery
- Scheduling/Coordination
- Turn Key Installation and Set Up

Optional Accessories
- Companion Flanges
- Flange Gaskets and Hardware Kits
- Exhaust Stack with Sample Ports

Emission Control Products

Bloomer, Wisconsin • Gillette, Wyoming • Fort Worth, Texas • Cleveland, Ohio
Catalysts — The Heart of the Process

With over 60 years experience in the development and manufacturing of catalysts for a wide range of industries, no one is better equipped to provide you with the catalysts needed to keep you in compliance.

Substrates
A strong foundation is vital to a successful outcome in anything you do; a catalyst’s substrate is no different. We only offer our larger round elements in a brazed foil format to ensure that they stay together in the demanding service of an industrial engine. Our smaller round elements can be either brazed construction or produced using our proprietary foil folding technology. For rectangular elements our folded catalyst have provided trouble free service for over a decade.

To improve performance we use a Herringbone foil pattern and have cell density choices from 75 cells/in² to 600 cells/in².

Catalyst Coating
Equally important is breadth of experience that can be brought to bear on the challenges of keeping your engines in compliance. Our experience in developing and manufacturing catalysts for applications as diverse as VOC control from chemical plant emissions, to smoke and grease emissions from industrial and residential cooking appliances, and even catalysts used inside nuclear power plants, means we have the know-how to produce the precise catalyst formulation to meet the challenge.

We have a track record of more than a decade of manufacturing catalysts specifically for gas engines. We take pride in knowing that our formulations work well and have proven to perform for years and not just months.

One other thing we feel strongly about is that there should not be any “cloak and dagger” games over what’s in our catalysts. We’ll tell you the composition of the precious metals used because we feel that gives you the power to make a better choice on whose catalyst to select to keep you up and running.

Housing Designs
We offer a family of catalyst housing designs to fit any application. Each style can be customized for specific configurations, silencer grade, connection sizes, or material selection.

FSC Series — Larger Horsepower Engines
(17 inch to 37.5 inch Diameter Elements)

PSC Series — Medium Horsepower Engines
(10 inch to 14.5 inch Diameter Elements)

IPSC and ICC Series — Smaller Horsepower Engines
(6 inch to 14.5 inch Diameter Elements)

BCC Series — For Quick Change Needs on Smaller Horsepower Engines
(8 inch to 14.5 inch Diameter Elements)