The Maxim Quick-Access series of catalytic silencers is the ultimate solution for natural gas internal combustion engine emission control in any environment.

Easy to install and simple to maintain and operate, Quick-Access Catalytic silencers are designed to work efficiently and economically over a long, trouble-free life span. We offer the flexibility and performance needed to efficiently meet your specific requirements, plus innovative features that are only available from Maxim.

QAC Model

Our Quick-Access Catalytic silencer provides two solutions in one: highly efficient emission reduction and proven Maxim silencer noise attenuation. Unified construction saves space and ensures end-to-end quality and accountability. Designed to accommodate two configurations: three-way, non selective catalytic reduction (NSCR), or a two-way oxidizing element. The NSCR configuration reduces NOx, CO, NMHC (VOC's) and Formaldehyde on rich burn engines. The oxidation configuration reduces CO, NMHC (VOC's) and Formaldehyde on lean burn/clan burn engines. Silencing configurations are available as a housing only or with inaugurated silencers from "industrial grade" to "hospital plus grade" noise attenuation.

Standard Features

- Quick-Access requires one wrench for servicing of elements
- Gasket free seal between catalytic core and housing
- Hinged or removable access cover
- One track can house two elements
- Platinum Group Metals (PGM) provide high catalytic activity
- Stainless steel internals regardless of housing material
- Stainless steel monolithic element with support band and handle
- Positive mechanical axial sealing of elements
- Over-center mechanical locking of elements
- Multiple sample ports and separate element monitoring
- Low backpressure inlet diffuser for better exhaust distribution
- Minimum pressure drop design for both element and housing
- Built-in over temperature indicator – 1350 °F ± 1%

Options

- Enhanced conversion element(s)
- Multiple element configuration - Install up to two elements
- Combination NSCR or oxidation configuration
- "Industrial Grade" to "Hospital Plus Grade" silencing
- Stainless steel or carbon steel housing

Added Values

- Delivering distinctly-focused, customer-specific engineered solutions within budget and on schedule
- Providing silencer sizing based on customer's application and desired emission reduction
- Custom designs available for the following extreme applications
  - o Very high temperature operations (above 1300 °F)
  - o Very low temperature operations (below 550 °F)
  - o Near 100% NOx or CO emission destruction
- Offering ongoing performance tuning and monitoring if required