

# QAC SERIES CATALYTIC SILENCERS

## QAC SERIES OVERVIEW

The Maxim QAC 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, QAC 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. Maxim Silencers are proudly made in the USA.

Our QAC silencers combine two solutions in one;

### HIGHLY EFFICIENT EMISSION REDUCTION

- NSCR Three-Way (NO<sub>x</sub>, CO, NMHC, HcHo)
- Oxidation (CO, NMHC, HcHo)
- Diesel Oxidation (CO, NMHC, PM)

### PROVEN NOISE ATTENUATION

Silencing configurations are available as a housing only or with integrated silencers from industrial grade to hospital plus grade noise attenuation.

## FEATURES

- Single wrench servicing of elements
- Gasket free seal between catalytic core and housing
- Hinged access cover
- Dual element capacity
- Platinum and rhodium metals provide long lasting catalytic activity
- Positive mechanical axial sealing of elements
- Multiple emission sample ports with separate element monitoring
- Low backpressure inlet diffuser for better exhaust distribution
- Minimum pressure drop design for housing and element

## OPTIONS / ACCESSORIES

- Enhanced conversion element(s)
- Stainless steel construction: 304 or 316
- Side inlet and outlet
- Installs up to two NSCR Three-Way, Oxidation or Diesel Oxidation elements
- Attenuation/noise reductions available:
  - Housing only
  - Residential 20 to 25 dBA
  - Critical 25-32 dBA
  - Super Critical 30-40 dBA
  - Hospital Plus 35-50 dBA
- Top or side facing door arrangement
- Special paints and finishes available
- Complete range of exhaust accessories

## ADDED VALUE

- 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:
  - Very high temperature operations (above 1300°F)
  - Very low temperature operations (below 550°F)
- Near 100% NO<sub>x</sub> or CO emission destruction

