



PRODUCT ADVANTAGE

MIRATECH'S QCC/QCH offers quiet and clean, cost-effective, no-maintenance emissions control and noise reduction. Keeping smaller industrial engines emissions-compliant is one thing. Keeping them quiet is another. With MIRATECH Quiet Clean combo units, you can have both – at less cost.

FEATURES AND BENEFITS

Space-Saving, Long-Lasting, High-Value Package

Both the Quiet Clean Critical (QCC) and Quiet Clean Hospital (QCH) grades perform as efficient catalytic converters of superior strength and durability, and as industrial engine silencers delivering up to 35 dBA of sound attenuation.

We developed the QCC/QCH for a wide range of smaller industrial engines (50-400 hp) in a variety of applications – gas compression, irrigation pumping, power generation and more. Both no-maintenance models accommodate 3-Way, Diesel Oxidation or Natural Gas Oxidation catalytic converter systems. And both come with your choice of threaded, flanged or tubed connections.

Cut DBA Down to Size

QCC/QCH housings give you two levels of noise abatement to choose from. QCC – Quiet Clean Critical grade – units deliver 25-30 dBA noise attenuation. For applications where more noise reduction is needed, QCH – Quiet Clean Hospital grade – units cut noise by as much as 30-35 dBA.

NSCR: Rich-Burn or Lean-Burn, Natural Gas or Diesel

QCC/QCH converters come equipped with the Non-Selective Catalytic Reduction system of your choice: 3-Way, Natural Gas Oxidation, or Diesel Oxidation.

WHY MIRATECH?

- ▶▶ Advanced Technology
- ▶▶ Cost-Effective, Comprehensive Solutions
- ▶▶ Unsurpassed Experience & Expertise
- ▶▶ Fast, Responsive, Customer-Focused Service & Support
 - Prevent Non-Compliance Fines
 - Improve Engine & Catalyst Performance
 - Cut Maintenance Costs
 - Maximize Catalyst Life

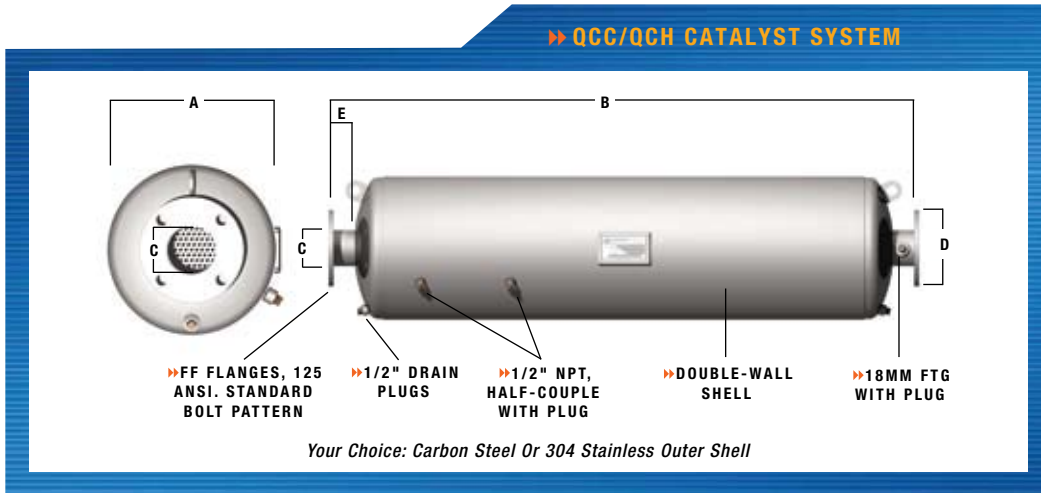
INDUSTRY SOLUTIONS

- ▶▶ Gas Compression
- ▶▶ Power Generation
- ▶▶ Rail
- ▶▶ Marine
- ▶▶ Water Pumping
- ▶▶ Air Compression
- ▶▶ Drilling Rigs



▶▶ QCC/QCH Catalyst-Silencer Housings
Economical Emissions Control & Noise Reduction

QCC/QCH Catalyst-Silencer Housings



Cost-Cutting Performance

MIRATECH catalytic converters are better designed and better built – so they work harder longer, at less cost and with less maintenance. For example, we produce catalyst elements through chemisorption catalyst impregnation.

The result? Long-lasting, cost-efficient, poison-resistant performance. We also encase our catalysts in double-walled metal monolith frames – in your choice of tough carbon steel or 304 stainless. And the patented MIRATECH banding and

pinning process is your assurance of superior thermal durability and mechanical strength. Tubed, threaded or flanged connections make them easy to install, and threaded couplings make sensor hookups a snap.

QCC/QCH versatility doesn't end there. Both grades of Quiet Clean converters offer selectable catalyst placement – at either the hot or cool end of the unit – so they'll fit the configuration that works best for you.

QCC DIMENSIONS 25-30 DBA NOISE REDUCTION					
MODEL	A	B	C	D	E
QCC-0804	8"	33"	1.5"	5.0"	3"
QCC-0805	8"	33"	1.5"	5.0"	3"
QCC-1006	10"	34"	2.0"	6.0"	3"
QCC-1007	10"	46"	2.5"	7.0"	3"
QCC-1208	12"	46"	3.0"	7.5"	3"
QCC-1409	14"	59"	3.5"	8.5"	3"
QCC-1410	14"	59"	3.5"	8.5"	3"
QCC-1411	14"	59"	4.0"	9.0"	3"
QCC-1412	14"	59"	4.0"	9.0"	3"
QCC-1613	16"	61"	5.0"	10.0"	4"
QCC-1614	16"	61"	5.0"	10.0"	4"
QCC-1815	18"	63"	6.0"	11.0"	4"

QCH DIMENSIONS 30-35 DBA NOISE REDUCTION					
MODEL	A	B	C	D	E
QCH-1204	12"	46"	1.5"	5.0"	3"
QCH-1205	12"	46"	1.5"	5.0"	3"
QCH-1206	12"	46"	2.0"	6.0"	3"
QCH-1207	12"	46"	2.5"	7.0"	3"
QCH-1408	14"	59"	3.0"	7.5"	3"
QCH-1609	16"	61"	3.5"	8.5"	4"
QCH-1610	16"	61"	3.5"	8.5"	4"
QCH-1611	16"	61"	4.0"	9.0"	4"
QCH-1612	16"	61"	4.0"	9.0"	4"
QCH-2013	20"	74"	5.0"	10.0"	4"
QCH-2014	20"	74"	5.0"	10.0"	4"
QCH-2215	22"	76"	6.0"	11.0"	4"

Contact MIRATECH

To learn more about MIRATECH emissions solutions, simply call us at 1.800.640.3141; email us at info@miratechcorp.com or visit our website at www.miratechcorp.com.

WHY MIRATECH'S QCC/QCH?

- » Cost-Effective, Space-Saving Emissions Control And Sound Reduction

APPLICATIONS

- » Lean-Burn Or Rich-Burn Engines
 - 50-400 hp
- » Natural Gas, LPG, Diesel Or Dual-Fuel
 - Gas Compression
 - Power Generation (Backup Or Stand-By)
 - Air Compression
 - Liquid Or Petroleum Pumping
 - Irrigation Pumping

SUMMARY OF FEATURES & BENEFITS

- » Choose The Catalyst System That Works Best For You:
 - 3-Way Catalyst
 - Natural Gas Oxidation
 - Diesel Oxidation
- » 2 Levels Of Sound Attenuation:
 - 1QCC: 25-30 dBA
 - 2QCH: 30-35 dBA
- » No Maintenance
- » Durable, Double-Wall Steel Construction
 - Carbon Steel Or Stainless
- » Higher Strength & Thermal Durability
 - Pinned Metal Monolith Construction
 - Patented Banding & Pinning Process
- » Chemisorption Catalyst Impregnation: Long-Lasting Poison-Resistant Performance
- » Easy, Flexible Installation
- » Threaded, Flanged Or Tubed Connections
- » Threaded Couplings For Easy Sensor Installation
- » Perforated Plate Diffuser For Even Exhaust Flow & Low Backpressure