



## DeCOHx silencer

oxidation catalyst for lean burn gas engines

Clean Air Power, a leader in developing emissions reduction technology for more than 30 years, provides a full line of emissions reduction solutions to address widespread health and environmental issues.

One of the the most widely used catalytic converter technologies is the oxidation catalyst, which simultaneously reduces CO, hydrocarbons as well as VOCs and HAPs. This is a simple and cost-effective emission reduction strategy with no reagents or moving parts.

### meet or exceed emissions regulations

Significantly reduces emissions to comply with EPA, state, and other air quality district regulations.

### easy and inexpensive installation

The DeCOHx Silencer is ideal for original installation, and minimizes pipe fitting and welding time in retrofit installation. Use in retrofit applications provides a free upgrade to the exhaust system by lowering back pressure and reducing output.

### long life and reduced replacement costs

The DeCOHx Silencer catalyst housings are designed to last 7-10 years and are typically not replaced when a replacement catalyst is purchased. Therefore, replacement catalysts are available at a fraction of the cost of new converters from competitors. Furthermore, unlike other catalysts, Clean Air Power catalysts can be repaired when damaged by backfires or other upset conditions. To reduce the effects of engine backfires, Clean

Air Power's patented backfire port diverts backfire gases away from the valuable catalyst module. These advantages make the two-way DeCOHx Silencer the best value.

two year performance warranty

Clean Air Power has a comprehensive performance warranty and reliable customer service which makes the aftertreatment product line the reliable answer to your compliance needs.

### material selection and construction

Each catalyst module has redundant seals that allow for thermal expansion and eliminate bypass. Materials are selected based on each application to ensure durability and high performance. Quality materials and construction methods are used throughout the manufacturing process.

### noise reduction

Clean Air Power's catalytic silencer products have the added benefit of reducing noise to comply with OSHA and other standards. They are offered in industrial, residential, hospital grade or custom silencing levels.

With the Clean Air Power DeCOx Silencer, you receive all the benefits of continuous performance and compliance, in an affordable and effective system.



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### common DeCOHx Silencer models

DeCOHx Model #	App Eng HP	A Dim (in)	B Dim (in)	C Dim (in)	App ACFM
2KWC8	300	75	20	8	2000
3KWC8	400	86	24	10	3000
4KWC10	650	95	28	10	4000
6KWC12	1000	116	34	12	6000
8KWC16	1300	124	40	16	8000
10KWC18	1600	130	42	18	10000
12KWC18	2000	150	46	18	12000
15KWC20	2400	175	52	20	15000
20KWC24	3200	210	60	24	20000
25KWC26	4100	215	66	26	25000
30KWC28	4800	215	72	28	30000
36KWC32	5800	240	78	32	36000

#### NOTES

1. Models shown are common sizes for horizontal configurations with commercial silencing. Intermediate sizes are also available.
2. All dimensions are approximate and subject to change without notice.
3. HP and Flow ratings are approximations and will vary with specifications.

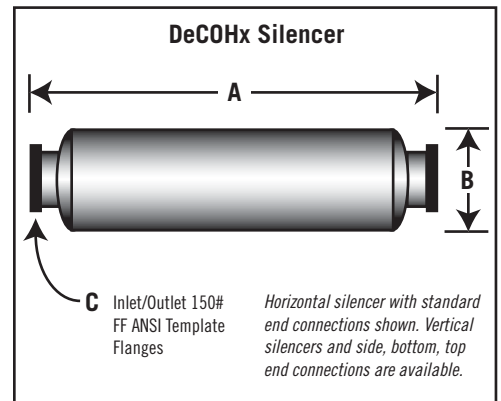
### performance and specifications

*Performance stated below reflects the upper limit of DeCOHx Silencer system performance. Performance guarantees available on installation-specific basis.*

CO reduction	98% or more
HAP & aldehyde reduction	98% or more
VOC reduction	70% or more

### weights and dimensions

Contact Clean Air Power for a dimensional drawing to suit your application. The DeCOHx Silencer can be designed for any size engine.



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