



UNIVERSAL
Acoustic & Emission Technologies

QuietShield™ with
GreenShield® technology

Compliance Guide to EPA's 40CFR Part 63

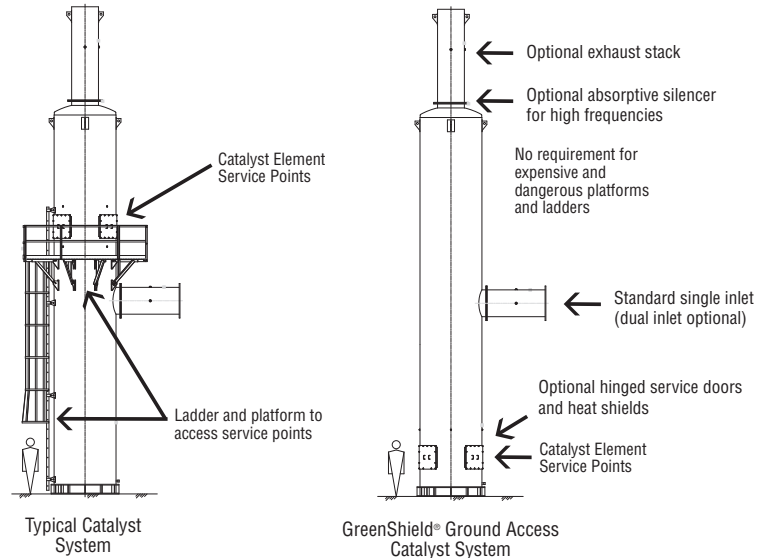
**SI (Natural Gas) RICE NESHAP
Compliance Guide**

Exhaust System Considerations
Lean Burn Catalyst Systems
Rich Burn Catalyst Systems
Compliance Catalyst Monitor

GreenShield® Ground Access System for Lean- or Rich-Burn Engines

Innovation starts with addressing a need. Universal Emission Technologies listened to its customers when a concern about safety and ease of maintenance was expressed. Oxidation catalysts require periodic servicing. However, current catalyst system designs require maintenance technicians to climb ladders or use unstable lifts to reach the catalyst service points. A potentially dangerous situation.

Universal Emission Technologies developed a simple solution—locate the service points to the catalysts at the ground level.



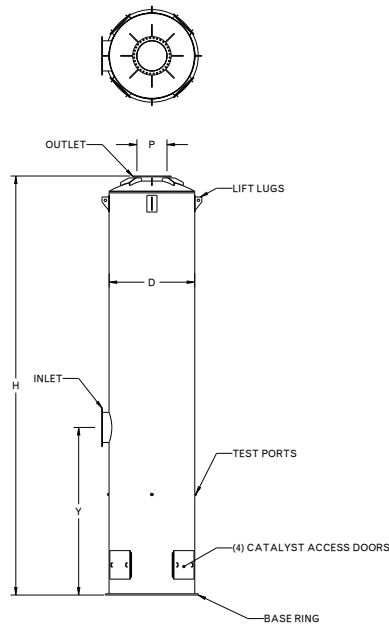
Feature	Benefit
Same exhaust entry point height from engine to Catalyst System	No need to change footprint and entry point from current configuration
No ladder and platform	Increased safety and reduced installation and system costs
Integrated Silencer and Emissions Control	Faster and easier installation, compact size
Available with catalysts to treat exhaust from diesel, rich-burn natural gas or lean-burn natural gas fuels	Interchangeable catalyst design allows the same architecture to be used in multiple applications
Global design, support and manufacturing capabilities	Reduces project complexity, time, costs and risk
Seismic and wind compliance designs available	Single source system design reduces complexity and risk
Available in industrial, residential, critical and hospital silencing grades	Pay only for the level of silencing the site requires

•• Dimensions are in inches unless otherwise stated. All weights are in lbs and are approximate.

•• All information correct at printing. Universal has a policy of continuous improvement. Therefore we reserve the right to change the specifications of these silencers without notice.

GreenShield® Ground Access System

Critical Grade Silencer, 25–35 (dB) Insertion Loss, Vertical Stack



P	D	H	Y max	Y min	Estimated Weight (lbs.)	Housing part number
20	48	258	167	65	3770	18-510620
22	54	260	167	67	4710	18-510621
24	60	288	181	69	6050	18-510622
26	66	304	193	71	7880	18-510623
28	72	332	206	73	9170	18-510624
30	72	363	225	75	10070	18-510625
32	78	358	214	105	14000	18-510626
34	78	404	247	109	15250	18-510627
36	84	408	249	111	16180	18-510628
38	84	423	251	109	16690	18-510629
40	90	421	247	112	19620	18-510630
42	96	435	260	114	23380	18-510631

• Contact Universal for sizing assistance.

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