



**FOR IMMEDIATE RELEASE:  
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***For More Information Contact:***  
***Steve Strong***  
***918-794-9379***  
***sstrong@miratechcorp.com***

**MIRATECH<sup>®</sup> Corporation Announces RCS/RHS Product Line  
An Evolutionary Step in Catalyst/Silencer Housing Combination**

TULSA, Okla. (May 14, 2004) – MIRATECH<sup>®</sup> Corporation ([www.miratechcorp.com](http://www.miratechcorp.com)) has introduced an evolutionary advancement in catalyst/silencer housing combination units: the RCS/RHS catalyst/silencer product line for rich or lean burn natural gas, propane and diesel stationary engines from 200 – 8,000 hp. Since 1992, MIRATECH has been a leading developer and manufacturer of emission control and engine performance products for the power generation and gas compression industries.

RCS/RHS eliminates the need for two separate units - a catalyst housing and a silencer - and combines both functions in one unit. The product combines MIRATECH's new IQ Catalyst housing with an advanced silencer technology offering two levels of noise abatement. RCS units offer an insertion loss of 25-30 dBA. When more noise reduction is needed RHS – hospital grade – units deliver as much as 30-35 dBA insertion loss for silencing.

“The RCS/RHS catalyst/silencer housing combination is a big step in our value proposition that lowers operating costs by reducing service time and frequency intervals,” says MIRATECH VP of Business Development, Bill Clary. “The housing and catalyst design reduce system pressure loss and increase life expectancy of the catalyst, while fewer components and gaskets mean reduced inventory needs – plus, the unit’s easy-grab handle™ provides safe, simple handling,” Clary adds.

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The heart of the new catalyst/silencer housing combination is MIRATECH's IQ catalyst element and housing design, the latest evolution in a long line of MIRATECH catalyst elements and housings. Made of A-36 carbon steel or 304 stainless, the IQ design features an easy-access catalyst lid and MIRATECH's patented "flat-top bonnet™" design. With an improved, round catalyst element, patented banding and pinning, and improved gasket material for sealing – the IQ eliminates blow-by, sagging and telescoping. The round design maximizes wound catalyst contact in the exhaust flow and eliminates waste of expensive catalyst material. Two insertion trays allow for operation with either one or two catalysts thus expanding emission control capacity for on-going compliance.

RCS/RHS customers can choose the system that works best for them for either rich or lean burn engines: 3-Way Catalyst, Natural Gas Oxidation Catalyst, or Diesel Oxidation catalysts.

RCS/RHS brings a wide range of pollutants within compliance: carbon monoxide (CO), volatile organics (VOCs) and other hazardous air pollutants (HAPs), as well as particulates, soot and oxides of nitrogen produced by rich-burn engines.

RCS/RHS provides both emissions and noise compliance for mid sized stationary combustion engines used in power generation, gas and air compression, water, petroleum or liquids pumping and other industrial applications. To learn more about MIRATECH RCS/RHS combination units visit [www.miratechcorp.com](http://www.miratechcorp.com).

**Visuals & Graphics – 350 dpi Jpeg files @ 3 x 5 inches (Please See Attached Files)**

- **Cutaway** – *The RCS/RHS from MIRATECH Corporation eliminates the need for two separate units - a catalyst element and a silencer - and combines both functions in one unit.*



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**MIRATECH Announces RCS/RHS Product Evolution in Catalyst/Silencer Housing Combo/Pg. 3**

- **RCS With Catalyst** – *RCS/RHS Catalyst-Silencer combos for natural gas, propane or diesel mid-size engines eliminates blow-by, sagging and telescoping with an improved, round catalyst element, patented banding and pinning, and improved gasket material for sealing.*



- **RCS/RHS** - *The heart of the new RCS/RHS catalyst/silencer housing combination is MIRATECH's IQ catalyst element and housing design, the latest evolution in a long line of MIRATECH catalyst elements and housings.*



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