

# ROBERTS MECHANICAL EQUIPMENT COMPANY NEWS FOR IMMEDIATE RELEASE

## Mestek, Inc. Announces Launch of the Ray(TM) Residential Boiler

WESTFIELD, Mass., Feb 20, 2008 (BUSINESS WIRE) --

Mestek, Inc., a leader in commercial and residential HVAC technologies, has introduced its newest breakthrough in residential hydronic heating appliances: Ray(TM), a high-efficiency, low mass, fully condensing cast iron boiler. Ray is a gas fired system, running on either propane or natural gas with no conversion kit required, delivering 40,000 to 199,000 Btuh at 92.7% AFUE; the combination of high efficiency and clean-burning fuels make it among the most "green" residential heating options available. A limited number have already been installed, with national availability beginning in February 2008 through open, non-exclusive distribution.

According to Tim Markel, Director of Sales, Mestek Distributor Products Group, Ray utilizes the power of proven commercial technology to provide both contractors and homeowners a new option for heating today's most energy-demanding homes. "The Ray boiler encompasses the most advanced attributes of hydronic appliance design," said Markel. "By integrating innovations in efficiency, comfort, durability and style, we have ensured that Ray is manufactured without compromise in quality or precision."

The market for condensing/high-efficiency residential boilers has grown approximately 60 percent over the last five years; Ray is engineered to address the market-driven demands that are behind this ongoing growth. First, Ray utilizes SmartCycle(TM) technology, an on-board digital monitoring and control device that learns the most fuel-efficient cycling pattern/firing rate based on actual usage once installed--every unit adapts to its unique load demands. This consistent heat delivery is highly suited to radiant heat systems, including snow melt systems, a major driver in the condensing market.

Second, Ray's cast iron sections have a patented design specifically engineered for condensing performance. They provide the well-established durability and long-cycle thermal retention of cast iron with the high-efficiency performance associated with less resilient tube-formed exchangers. In this regard, it combines immediate fuel cost savings with long-term cost savings in maintenance/repair.

Third, its symmetric air/fuel coupled combustion system can automatically adjust to air pressure changes resulting from altitude. This enables it to perform perfectly in mountainous areas with a demanding, extended heating season, where the cost savings of condensing systems are in greatest demand.

In addition, the boiler is down-fired, which means less energy is required for operation and there is less opportunity for condensate corrosion, while the lower mass of the internal water content means faster recovery of temperature. This proprietary technology is also utilized in another proven Mestek-manufactured boiler line, the KN-series of boilers, which has been demonstrated to excel in the most demanding commercial applications.

Ray features numerous other advanced technical features and design attributes; for a more complete product overview, please contact Tim Markel at (413) 564-5952, Janine Pedro at (413) 564-5779 or visit [www.KnowSomethingMore.com](http://www.KnowSomethingMore.com).

Mestek, Inc. is a leader in commercial and residential HVAC technologies, and metal-forming equipment in the United States and Canada. The Company is headquartered in Westfield, Massachusetts. For more information, visit [www.mestek.com](http://www.mestek.com).

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