



## **ebm-papst introduces new gas-air ratio control solutions for condensing boiler technology**

*Online catalog offers new turnkey solutions for combustion engineers*

**Farmington, CT, June 2013** – Energy conscious home and business owners, school and hospital administrators are always looking for opportunities to reduce operating costs. Replacement of old heating systems with more reliable, energy efficient heating systems is one way to offset rising energy costs. Boiler OEMs have responded to market demands by developing condensing boilers that provide consumers with high-energy savings combined with comfortable hydronic heating.

As a pioneer in the boiler industry for more than 25 years, ebm-papst knows the importance of delivering a measured air-fuel mixture consistently to the burner. If the ratio of gas to air is too high, the gas is not completely burned off, resulting in wasted energy and incomplete combustion. If the gas content is too low, the burner may not light and the system will shut down.

The best solution? A pneumatic or electronically controlled gas-air ratio control system that continually adapts to heat demand with a 5:1 modulation range or an electronic system that continually adapts to changes in gas type, gas quality, altitude or vent length with an increased 10:1 modulation range.

The company's new [condensing boiler technology catalog](#) presents combustion engineers who are developing high-efficiency condensing boilers with a variety of options from components to complete system solutions for their efficient premix combustion applications. Whether it's a premix gas blower or a complete pneumatic or electronic gas-air ratio control system, ebm-papst provides engineered solutions that match the performance requirements of the condensing boiler design.

The ebm-papst system includes a low-noise, long life premix gas blower for modulating the air-fuel delivered to the burner, a venturi that creates a pneumatic coupling between the blower and the gas valve, a zero-governor gas valve that optimizes the gas-air mixture, and an electronic burner control with a prominent LCD display that insures the proper sequential operation of the complete combustion cycle.

For more information, contact [sales@us.ebmpapst.com](mailto:sales@us.ebmpapst.com) or call 860.674.1515

### **About ebm-papst Inc.**

ebm-papst is the world's leading source for engineered air movement products, providing a "total solution" approach and extensive in-house resources.

With its U.S. headquarters in Farmington, CT and offices in major cities throughout North America, the company's highly-skilled and experienced team of professionals solve heating, cooling and ventilation challenges for industries and applications including HVAC, refrigeration, gas and heating, household



appliances, IT and telecom, industrial, drive systems, automotive and rail technology and more.

The ebm-papst way of doing business offers models for sustainability, efficiency, product innovation, skill development and community involvement. The company's **GreenTech** philosophy drives economic and ecological improvement in every product they develop. For more information, contact [sales@us.ebmpapst.com](mailto:sales@us.ebmpapst.com) or call 860.674.1515.

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