

FOR IMMEDIATE RELEASE

Introducing New Members of the ETR Temperature Controller “Super Series”



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PITTSBURGH — January 25th, 2004 — Chromalox® is pleased to introduce two new temperature controllers – the **ETR-8300** and **ETR-4300**. These models have been designed to meet the demands of a rapidly advancing technological marketplace. They join the 1/16 DIN 9300 and 1/32 DIN 3400 as members of the Super Controller Series.

Both the **ETR-8300** and **ETR-4300** controller models feature:

- Digital MODBUS Communications
- Multiple Error Protection Modes
- Remote Set-Point Input
- Event Input Capabilities
- Dual Input Delta-T (Differential) Control
- Heater Alarm/ Current Monitoring

The ¼ DIN **ETR-4300** and 1/8 DIN **ETR-8300** revolve around an 18 bit A/D converter for high-resolution measurement. Inputs feature a completely field-programmable selection of nine thermocouple sensors, two standard RTD curves, and six linear process inputs.

Four independent programmable outputs offer extreme flexibility when heating, cooling and/or using alarms. Output options feature standard modules, plus three optional auxiliary power supplies for powering external transmitters, various sensors or small devices. A unique safety function, Bumpless Transfer, when employed has the ability to proportion the main output upon error mode or sensor break conditions.

Digital communications utilize a standard Modbus RTU protocol. This protocol offers flexibility when implementing these ETRs into a supervisory system or Human Machine Interface (HMI) software package. With a comprehensive communications package, SpecView, the RS-232 or RS-485 option offers remote historical trending, control, recipe loads and complete monitoring capabilities.

The **ETR-8300** and **ETR-4300** offer the latest in control and safety features with few limitations in a single zone controller. Utilizing the Heater Break Alarm feature, the controller can also monitor heater current with the CT-94-1 current transformer accessory.

Every ETR-4300 & ETR-8300 controller is in stock and available for next day delivery with any combination of options.

For more information, go to www.chromalox.com or contact Chromalox at:

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About Chromalox, Inc.

For more than 85 years, customers have relied on Chromalox for the utmost in quality and innovative solutions for industrial heating applications. Chromalox manufactures the world's largest and broadest line of electric heat and control products, including heating components, immersion heaters, circulation systems, heat transfer systems, boilers, industrial and comfort air heating, heat trace cables, sensors and precision electronic controls. With multiple manufacturing, engineering, warehousing and sales locations throughout North America and Europe, Chromalox is a global supplier providing the highest level of customer support. Chromalox, headquartered in Pittsburgh, PA.

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