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Chromalox Launches Mid-Size Hot Oil Heat Transfer System

New product provides precise temperature control for chemical processing, pharmaceuticals, cosmetics, plastics, refining and many other industrial applications

PITTSBURGH, PA — [April 12, 2011] — Chromalox, a leading manufacturer of electric heat and control products, introduces its MOS Mid-Size Hot Oil Heat Transfer Systems, assuring responsive and precise electronic process temperature control in a space-saving package. It is ideal for applications in reactors, evaporators, dryers, platen presses, heat exchangers, roll heating or jacketed kettles, vessels and tanks.

Designed for use with a wide variety of heat transfer oils such as Paratherm[®], Mobiletherm[®], Therminol[®], Dow Brands[®] and many more, the system offers a compact installation footprint while providing heat transfer capabilities to 600° F or, optionally, 650° F, at atmospheric pressure (non-pressurized). Available for operation from 50 – 150 kW, the MOS offers SCR electronic solid state power control.

The unit operates in a closed loop system using an optional cold expansion tank, reducing the degradation of heat transfer fluids and removing the requirements for a nitrogen (N₂) purge. Fully pre-wired and tested, the system is ready to operate on site and provides a space-saving design through a compact footprint (32" x 36" for 50 & 75 kW, 34' x 36" for 100 – 150 kW). No external cooling is required as the system is equipped with an air-cooled mechanical seal. Factory-supervised commissioning and training helps to get the MOS system on line in a customer's facility faster than competitive products.

MOS systems feature rugged 150# carbon steel construction for industrial applications, with a heavy-duty, steel support base with channel grooves for forklift transport. A fully-welded heat chamber houses long-lasting Chromalox heating elements.

"The Chromalox MOS Hot Oil Heat Transfer System presents a broad package of features for higher kW hot oil needs," said Mark Wheeler, Chromalox Product Manager – Systems. "It packages precision control with durability in a compact arrangement to serve a wide range of applications in any industrial application with hot oil requirements."

For more information on the MOS Hot Oil Heat Transfer System or other Chromalox products, visit www.chromalox.com

To download a high resolution photo of this product, visit <http://www.chromalox.com/content/news/images/MOS.jpg>

About Chromalox, Inc.

For more than 90 years, customers have relied on Chromalox for the utmost in quality and innovative solutions for commercial and 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, Europe and Asia, Chromalox is a global supplier providing the highest level of customer support. Chromalox is headquartered in Pittsburgh, PA.

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