



**FOR IMMEDIATE RELEASE**  
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*Low-cost TCAC001 thermal control unit provides programmable AC fan control for a wide range of applications...*

## **Programmable Thermal Fan Controller from Orion Fans Reduces Energy Consumption & Costs**

DALLAS, TX (October 1, 2015) – Orion Fans has expanded its fan control product offering to include new thermal control units that deliver precise air flow control. The TCAC001 thermal controller is designed for use with any AC fan or fan tray in medical, industrial, networking and telecom applications.

The low cost TCAC001 programmable thermal control unit reduces energy consumption by operating the fans only when needed. Additional energy savings can be achieved by combining the TCAC001 with any Orion Fans thermally controlled fan or fan tray that ramps fan speed up and down based on temperature in the cabinet. The 1U high TCAC001 unit features a remote sensor with a temperature range of -20°C to +60°C that is used as a trigger for fan activation /deactivation based on temperature settings. The TCAC001 thermal control unit provides a temperature hysteresis of 5°C, providing more efficient cooling and thermal management.

Designed for installation in 19" racks, the thermal controller can control 3-, 6- or 9-fan trays, individual fans or fan trays mounted on the bottom and top of a rack. Rated up to 10A, the TCAC001 programmable thermal control unit is offered with input values of 115VAC or 230VAC and a fan control range 0°C to 60°C. The temperature display is user selectable for °C or °F.

Contact an authorized Orion distributor; or contact Orion Fans at 10557 Metric Dr., Dallas, TX, 75243; call 800-323-2439, e-mail at [dluna@orionfans.com](mailto:dluna@orionfans.com).

Orion Fans, a division of Knight Electronics, Inc. is an ISO9001/2008 global manufacturer of standard and custom AC and DC fans, fan accessories, fan trays, and blowers. Established in 1995, Orion Fans supplies quality engineered and competitively priced cooling products and assemblies to OEMs worldwide. The company has engineering and manufacturing facilities in the United States, Europe, and Asia.

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