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For more information, contact:
David Luna
Orion Fans, Division of Knight Electronics
(214) 340-0265
dluna@orionfans.com

Garth Miller
BtB Marketing
(919) 872-8172
garth.miller@btbmarketing.com

Environmentally-friendly short fan trays now feature smart thermal controls...

ORION FANS DELIVERS ENERGY EFFICIENT, THERMALLY-CONTROLLED SHORT FAN TRAY

DALLAS, TX (May 8, 2012) – Dallas-based Orion Fans, a leading manufacturer of standard and custom AC and DC fans, fan trays and accessories, has developed a new, low-cost AC three-position short fan tray with an energy-efficient smart thermal control. Designated the OA300ST Series, the smart thermal controller independently increases or decreases the speed of the three fan in response to the ambient air temperature, reducing power consumption by up to 30%. The OA300ST Series fan trays can be installed in any standard 19" rack, making it ideal for a variety of applications including industrial control cabinets and network system enclosures. The fan tray is also offered in a model with the thermistor control on a remote lead wire that allows the sensor to be placed close to a specific heat source for more accurate temperature control as well.

The OA300ST Series features three high-performance, sealed ball-bearing fans that combine high airflows of up to 320 CFM with low-noise operation as quiet as 23.1dB.

“The smart thermal control not only reduces power consumption by increasing or decreasing fan speed according to the ambient air temperature, but it also only requires a simple AC input rather than additional power supply requirements for a DC fan. This results in up to 30% energy savings over similar sized, single-speed fans,” said David Luna, Orion Fan’s product marketing manager.

Available in 115VAC and 230VAC versions, the OA300ST Series AC fan tray consists of a ball-bearing system, 2M-length power cord, a lighted rocker switch and a resettable circuit breaker. Rated power for the standard high-speed model is 45W. Operating temperatures range from -20°C to 80°C, and the fans feature a L10 life expectancy of 60,000 hours at 40°C. The steel fan trays feature a black electro deposit finish, and are ready for insertion into any 19" rack. OEM pricing for the thermally controlled OA300ST Series AC fan tray is \$150.00 in quantities up to 99 pieces.

For more information about Orion’s comprehensive line of AC and DC fans, fan accessories, fan trays and blowers, 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, or visit Orion on the web at <http://www.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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For more information, call 919-872-8172, or e-mail garth.miller@btbmarketing.com

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