



FOR IMMEDIATE RELEASE
January 14, 2016

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



Garth Miller
All Business Marketing
(919) 424-0090
garth.miller@allbusmarketing.com

Orion's high static pressure fan family offers a major design improvement, maximizing airflows at 283 CFM and maximum static pressures of 3.90 inches of water...

Orion Fans Delivers DC Fans With The Highest Static Pressure Values in the Smallest Packages

DALLAS, TX (January 14, 2016) – Orion Fans has developed a family of 60mm, 80mm, 92mm and 120mm DC fans that provide valuable space savings with increased airflows for highly restrictive environments found in telecom, medical and industrial applications. Orion's family of high static pressure DC fans deliver superior airflows up to 283 CFM, low weight-to-output ratios, and maximum static pressure ranging up to 3.90 inches of water (H₂O) column. In comparison, most competing 120mm fans on the market offer maximum airflows of 105 CFM with a maximum static pressure 0.23 inches of water.

The Super High Performance and Vane Axial fan series feature specially designed blades that not only provide high CFM values, but also focus air movement to push/pull air through obstacles to cool radiators, CPUs and other high static pressure applications. The high static pressure fans are available with special options including PWM, tachometer, alarm and thermal controls to reduce energy consumption.

“Fans and blowers typically deliver more airflow and cool more effectively when working against a lower static pressure. High-static pressure fans are normally used in military, aircraft and HVAC applications because of their larger size and high power. Orion Fans has optimized its fan design to harness that power in a much smaller package for commercial applications including networking and telecom enclosures, industrial electronic cabinets, medical imaging equipment, particularly CT scanners and MRIs. Our Vane Axial and Super High Performance fan series helps the design engineer overcome the static pressure limitations in their system,” said David Luna, VP of Marketing for Orion Fans.

The Super High Performance and Vane Axial DC fans feature fiberglass reinforced frames and impellers, dual ball bearings, an auto restart and polarity-protected DC motor. The fans are specified for an L10 life expectancy of 65,000 hours. The compact Vane Axial Series of DC fans is available with IP55-rating upon request.

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.

###