



FOR IMMEDIATE RELEASE

Titus HVAC Introduces EOS, the First Solar-Powered, Energy-Harvesting Diffuser

Improves Comfort and Saves Energy

PLANO, TX – July 8, 2013 – Titus HVAC, the leader in air management, introduces EOS, the industry’s first solar-powered, energy-harvesting diffuser. The new EOS diffuser is the first product in a new era of innovation that features wireless, energy-harvesting technology to push the HVAC science of air distribution to new heights. EOS, which is completely powered by natural light, is designed to improve comfort and save energy while providing a solution to challenging building perimeter applications.

The EOS was designed to address the imperfect split compromises commonly found in a building’s perimeter system; where half the air discharge is supplied in the heating and half in the cooling configuration. EOS delivers both heating and cooling by utilizing a unique auto-changeover function powered by light energy. This eliminates the wasteful compromise by automatically changing the air discharge pattern to the correct horizontal or vertical position for heating and cooling applications.

“Titus has always been driven to innovate, using cutting edge, emerging technologies that provide high performance and comfort,” said Mark Costello, product manager at Titus HVAC. “The EOS envelops this technological philosophy and pushes it to new heights with its energy harvesting platform.”

In addition to solving the perimeter heating and cooling problem, the EOS helps building owners obtain optimum energy efficiency. The energy harvesting feature on the EOS allows energy savings in the range of 30 percent over traditional linear diffusers in the split system. ASHRAE standards 55 for thermal comfort, 62.1 for indoor air quality and 90.1 for energy savings can all be more easily achieved with the EOS.

The EOS operates with all types of HVAC systems in the market and was designed with a narrow temperature band for the cooling and heating changeover actuation.

For more information on the EOS or Titus HVAC breadth of liners or products that aid in high indoor air quality and comfort, visit www.titus-hvac.com. To learn more about wireless energy harvesting platforms, visit the EnOcean Alliance website at www.enocean-alliance.com.

About Titus HVAC

As the world leader in advancing the science of air distribution and air management training, Titus HVAC works to make life better by improving the health, efficiency, sustainability, comfort and aesthetics in commercial building environments. Founded in 1946, Titus HVAC provides a breadth and depth of air management products and design tools that includes displacement ventilation, chilled beam, underfloor, grilles, diffusers, terminal units, fan coils and advanced training. For more information, visit www.titus-hvac.com, www.titus-energysolutions.com or call 972-212-4800.

###