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### **UV Resources RLM XTREME UV-C System Improves Air Quality and Overall HVAC System Efficiency**

**Flexible, affordable and easy-to-install lamp system boosts energy efficiency and IAQ by destroying mold, bacteria and microbes in demanding, high-volume HVAC environments**

DALLAS: 2013 AHR EXPO (JANUARY 28, 2013) — The [UV Resources](#) RLM Xtreme fixtureless UV-C lamp system delivers high-output ultraviolet energy to irradiate coils and destroy mold, bacteria and microbes in demanding, high-volume HVAC (heating, ventilation and air conditioning) environments. This modern UV-C system is designed to help improve air quality, while creating a more energy-efficient HVAC system that does not need to waste energy to distribute properly conditioned air to the space.

The Xtreme lamp system combines name-brand UV-C components in a simple, flexible and affordable design that's easily configurable to fit into most any plenum. Ideal for both new and retrofit applications, Xtreme lamps eliminate the need for rows of costly, cumbersome and potentially unsafe metal and glass fixturing.

Xtreme provides for scissor-like overlapping of lamps to eliminate the need for specifying and sizing multiples of fixtures and lamps. The system can be installed in most any position to generate 360-degree UV-C irradiation to where energy is needed the most.

#### **Easily Configurable**

Xtreme's unique LampClamp allows UV lamps to "slip-in" and click in place most anywhere, so that they overlap one another. By eliminating the need for multiple lamp lengths, the clamp system provides for more "usable" energy to maximize performance — even in the most demanding commercial and institutional HVAC applications.

Easy and flexible to specify, install and service, Xtreme was designed with safety, high performance and affordability in mind. Xtreme lamps resist moisture/water damage, and their exclusive EncapsuLamp (FEP lamp coating) technology protects the system, the space and the installer from lamp residues, such as gas, mercury and glass, should an accidental lamp break occur.

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**The RLM Xtreme fixtureless UV-C lamp system from UV Resources creates a more energy-efficient HVAC system that doesn't have to waste energy to move air.**

### **Simple and Flexible**

“It’s no longer necessary to use costly, awkward and potentially unsafe metal fixturing that can interfere with system access,” explains Dan Jones, UV Resources Vice President of Marketing. Jones attributes the product’s simplicity and flexibility to careful engineering and extensive field-testing.

The UV-C energy delivered by the Xtreme system can reduce system maintenance costs and downtime, energy use and airborne levels of noxious and infectious microorganisms, thus helping to improve overall indoor air quality.

Other benefits include:

- The ability to locate Xtreme’s 120-277, UL Listed, fully PnP power supplies remotely.
- Unique LampHolder that allows lamps to be affixed in any position most anywhere.
- Built-in moisture and water protection to prevent lamp and/or power supply failures.
- A powder-coated, heavy-gauge galvanized steel and NEMA-rated power supply housing.
- Continuous, individual and remote monitoring of all lamp/power supply combinations — both visually to maintenance personnel, and through analog signals to building management systems — to indicate whether a failure has occurred in either a lamp or power supply.
- Worldwide availability of name-brand replacement lamps and power supplies.

“The concept of the Xtreme lamp system was fueled by a growing demand for a UV-C system that provides application versatility, ease of sizing and installation, and affordability,” says Jones. “Whether your application is coil irradiation, killing pathogenic microorganisms or extending HVAC system life, Xtreme’s high-output performance combines the best UV-C components in a simple and flexible system that features the industry’s lowest cost of ownership — making it the best value on the market.”

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### **PRODUCT SUMMARY:**

The [UV Resources](#) RLM Xtreme fixtureless UV-C lamp system delivers high-output ultraviolet energy to irradiate coils and destroy mold, bacteria and viruses in demanding and high-volume HVAC environments. Ideal for both new and retrofit applications, the Xtreme lamp system combines the best UV-C components in a simple, flexible and affordable design that’s easily configurable to fit into most any plenum. For more information, call 877-UV4-HVAC (884-4822); or visit [www.UVResources.com](http://www.UVResources.com).

### **ABOUT UV RESOURCES:**

UV Resources is a leader in the education, design and innovative engineering of ultraviolet-C equipment for a variety of commercial, healthcare, government and residential HVACR applications. In addition to developing new and unique UV products for specific applications, UVR team members were among the first to develop modern sizing and efficacy software for air conveyance systems and consult with both OEM and government-sponsored, UV-related entities. UVR is an active member of ASHRAE, the Illumination Engineering Society (IES), and the International Ultraviolet Association (IUVA). For more information, call 877-UV4-HVAC (884-4822); or visit <http://www.UVResources.com>.

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**Hi-res versions of photography** to accompany this release are available for immediate download by using this link: <http://www.oreilly-depalma.com/uvr/2013/xtreme-uv-c-lamp.shtml>

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