

## **FOR IMMEDIATE RELEASE**

### **LG AIR CONDITIONING TECHNOLOGIES RAISES THE BAR ON GREEN BUILDING EFFICIENCY AND PERFORMANCE**

*Award-Winning LG HVAC Products Featured at Greenbuild Expo 2017  
Help Drive Efficiency for Residential and Commercial LEED Building Projects*

**BOSTON, Nov. 8, 2017** – Spotlighting its commitment to environmental sustainability and energy-efficient green building technologies, LG Electronics USA Air Conditioning Technologies returns to the Greenbuild International Conference and Expo 2017 with a host of industry-leading innovations focused on creating sustainable commercial and residential buildings.

As a Greenbuild 2017 Platinum Sponsor, LG is highlighting a multitude of solutions for architects, engineers, builders, developers and contractors to support green building initiatives and energy management. Variable Refrigerant Flow (VRF) technology leader LG is demonstrating how its air conditioning systems are designed to minimize efficiency losses found in conventional HVAC systems and provide sustainable energy savings contributing to lower lifecycle costs and points towards LEED certification.

“LG’s commercial, light commercial and residential systems are making major inroads in the United States, where demand continues to grow for high-performance HVAC technology. LG is dedicated to creating sustainable innovations and is proud to lead the way with our industry-leading VRF technology,” said Kevin McNamara, senior vice president, Air Conditioning Technologies, LG Electronics USA. “The world’s largest conference dedicated to green building is the perfect venue to showcase LG innovations in efficient air conditioning technologies and real-life case studies of how our products have contributed to the sustainability of various residential and commercial building projects.”

Featured in LG’s Greenbuild booth (#2203) are some of the company’s most sought-after technologies for the residential and commercial marketplace, including single and multi-zone HVAC systems and controls:

### **LG MultiSITE™ Remote Controller**

The LG MultiSITE Remote Controller is a highly intuitive, customizable user interface that allows system managers to configure functionality and home screen appearance to meet the needs of a specific zone. The MultiSITE Remote Controller featured at Greenbuild Expo 2017 is part of LG's MultiSITE Controls Suite and represents the future of controls for the HVAC industry, affording building owners greater flexibility for controlling the zones within their building. Also on display are third-party thermostats that can be seamlessly integrated into LG systems using the LG Dry Contact solution, offering contractors the flexibility to install the solution that's perfect for their customer's needs.

### **LG SmartThinQ™**

New to the air conditioning suite of products featured at Greenbuild Expo 2017 is the ability to control Wi-Fi-enabled indoor units using the LG SmartThinQ application. Now users have the freedom of controlling their home's precise comfort from their fingertips alongside other SmartThinQ-enabled LG devices, such as refrigerators, ranges, washing machines and robotic vacuums. This capability enhances the efficiency and convenience, giving unprecedented control to create a truly connected home. SmartThinQ technology is currently available standard on the majority duct-free systems, including the extended piping single zone system as well as all units that are Smart AC enabled.

### **LGRED® - Powerful Heating Technology**

Another Greenbuild Expo highlight is the brand new LGRED® (Reliable to Extreme Degrees) heat technology, designed to optimize cold climate performance. Products featuring LGRED® heat deliver superior heating performance: 100 percent of rated heating capacity down to 5° F and continuous heating operation down to -13° F. This increased performance not only delivers heat when traditional models are unable to, but also operates with incredible efficiency; making products with LGRED® heat the ideal heating solution for less temperate regions of the country. LGRED® heat technology is currently available on the 9K and 12K as well as the new 15K and 18K Btu/h capacities of the Art Cool™ Premier single zone systems as well as the Multi F and Multi F MAX multi-zone systems.

### **LG Multi V™ 5**

The flagship product in LG's state-of-the-art air-source VRF systems, the Multi V 5, represents the next generation in the popular LG Multi V family. The LG Multi V 5 is available from 6- to 42-tons, with a choice of three-phase 208V, 230V or 460V electrical power as heat recovery/heat pump outdoor units. New to the Multi V line-up are the single frame 16-, 18-, and 20-ton units; the 20-ton unit representing the largest tonnage in the smallest, single frame footprint on the market today. As a smaller and lighter solution, the Multi V 5 20-ton not only reduces footprint requirements, but also helps to reduce installation costs.

While the footprint of the Multi V 5 has been reduced, its performance has increased. Building upon Smart Load Control of the Multi V IV, the Multi V 5 features Advanced Smart Load Control which proactively addresses the impact of pending weather changes ensuring optimal comfort for all of the building occupants. The Multi V 5 also features LG Intelligent Heating technology that defrosts as needed rather than responding once frost has reached a preset point. On top of active response capabilities, the Multi V 5 also features a new biomimetic fan design that draws from nature's design and enables the unit to operate more efficiently and increase airflow while reducing the perceived noise level by approximately 20 percent.

### **LG Multi V S**

As first in the industry to offer a single-phase VRF 5-ton heat recovery system for the U.S. market, LG is showcasing the Multi V S, a compact, 5-ton heat recovery unit that operates single-phase power, designed to provide excellent energy efficiency and the versatility of simultaneous heating and cooling. Requiring only single-phase power, the 5-ton Multi V S now offers home and business owners across the country more energy-efficient air conditioning options than ever before.

### **LG Multi F and Multi F MAX**

At the core of LG's Greenbuild Expo residential and light commercial display is the Multi F series, including the Multi F and the LG Multi F MAX outdoor unit, which are now available with LGRED° powerful heat technology. The single-phase, 5-ton outdoor unit connects up to eight individual indoor units and allows occupants to condition each individual room or space. The ENERGY STAR® certified Outdoor Multi F units (now available in 1.5-, 2-, 2.5-, 3-, 4-, 4.5- and 5-ton capacities) represent the ideal solution for a wide range of applications, including residential homes and light commercial buildings.

### **LG Art Cool Premier**

Driving energy efficiency for green buildings, LG's Art Cool Premier wall-mount duct-free split system is one of the industry's most efficient and stylish air-conditioning units. The quiet outdoor unit features an inverter compressor which consumes less energy than conventional air conditioners. The inverter compressor ramps up or down to match the outdoor temperature load and provides precise control based on each room's set point. When the selected temperature is reached, the inverter compressor operates at a low speed to maintain comfort level instead of continuing to cycle on and off, using less energy. Earning the coveted ENERGY STAR® Most Efficient 2017 designation, the LG Art Cool Premier system also offers one of the highest SEER ratings in its class and features LGRED° heat technology enabling superior heating performance in some of the coldest climates.

### **LG Art Cool Gallery**

Marrying efficiency and design, the duct-free LG Art Cool Gallery provides owners the opportunity to express an individual sense of style while cooling or heating multiple rooms. This innovative indoor model allows the user to display an image in the customizable frame. Available as a multi-zone system, the Art Cool Gallery is compatible with the Multi F outdoor units, which support up to eight indoor units and Multi V systems. Users can choose from 9,000 and 12,000 Btu/h multi-zone indoor models. Key features of the Art Cool Gallery include remote control operation, quick and easy installation, natural air flow and auto operation modes. It maintains a quiet sound for both indoor and outdoor units. The LG Art Cool Gallery Inverter duct-free split system provides both comfort and a stylish aesthetic for all-season comfort.

### **LG Art Cool Mirror**

The Art Cool Mirror indoor units have a flat panel with a charcoal mirror finish to complement any design aesthetic. It integrates a motorized guide vane that allows the control of airflow from side to side, as well as a motorized louver that can automatically change airflow by directing the air up and down for a uniform air distribution. Users can choose from various fan speed settings in cooling and heating modes, as well as incorporate a Chaos setting, which simultaneously and randomly changes fan speed and flow direction to mimic natural outdoor breeze. The indoor unit operates at sound levels no higher than 42 dB(A), contributing very little noise to the room. Installation is effortless, as the Art Cool Mirror requires little to no ductwork, so contractors can easily install a system in a half-day. The removable, washable mesh filters are also easily accessible from the front of the unit without using tools.

Recognizing the company's commitment to environmental sustainability, LG Electronics is proud to have more than 600 ENERGY STAR certified products, in addition to being named the "Official ENERGY STAR TV Provider for Greenbuild 2017." For demonstrations and more information on LG products featured at Greenbuild 2017, visit the LG exhibit booth #2203 or [www.LGhvac.com](http://www.LGhvac.com). Additional details on LG sustainable technology solutions can be found at [www.lg.com](http://www.lg.com).

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### **LG Electronics USA Air Conditioning Technologies**

The LG Electronics USA Air Conditioning Technologies business is based in Alpharetta, Ga. LG is a leading player in the global air conditioning market, manufacturing both commercial and residential air conditioners and providing total sustainability and building management solutions. From consumer and individual units to industrial and specialized air conditioning systems, LG provides a wide range of products for heating, ventilating and air conditioning. The company's industry-leading variable refrigerant flow (VRF) technology minimizes efficiency losses, provides sustainable energy savings and offers some of the lowest life cycle cost of any system on the market today. LG Electronics USA, based in Englewood Cliffs, N.J., is the North American subsidiary of LG Electronics Inc., a \$48 billion global force and technology leader in consumer electronics, mobile communications, home appliances and air solutions. For more information, please visit [www.lghvac.com](http://www.lghvac.com).

#### *Media Contacts:*

LG Electronics USA

Kim Regillio  
847 941 8184  
[kim.regillio@lge.com](mailto:kim.regillio@lge.com)

Caitlin Fay  
212 237 5217  
[caitlin.fay@lg-one.com](mailto:caitlin.fay@lg-one.com)