

FOR IMMEDIATE RELEASE**LG INNOVATIVE HVAC SOLUTIONS
TAKE 2019 AHR EXPO BY STORM**

*Industry-Leading Technology, Impressive Controls and Flexible Connectivity Solutions
Headline Offerings at World's Largest HVAC Conference*

ATLANTA, Jan. 14, 2019 – Air conditioning technologies leader LG Electronics ushers in the New Year with its broad 2019 lineup of commercial, light commercial and residential HVAC solutions – including industry-leading variable refrigerant flow (VRF) technology, customizable and flexible control systems, powerful new heating capabilities and variety of design tools – all on display this week at the 2019 AHR Expo in Atlanta.

The centerpiece of LG's commercial HVAC solutions at this year's show is a robust enhancement to its flagship Multi V™ 5 air-source VRF system to include LGRED° technology (see separate press release). Also featured at AHR Expo are the new and award-winning products, including the upgraded Vertical Air Handler Unit (VAHU), advanced AC Smart 5 Controller, redesigned High Static Ducted indoor unit and the innovative Air Handler Unit (AHU) Conversion Kit was named as a Finalist for an AHR Innovation Award.

“LG is committed to propelling the industry forward with limitless vision and innovative, powerful technologies to deliver a complete solution to our partners and customers,” said Kevin McNamara, senior vice president and general manager, Air Conditioning Technologies, LG Electronics USA. “With the 2019 AHR Expo taking place near our hometown, we will be showcasing our most advanced lineup of heating and cooling solutions, innovative controls and industry-leading tools for commercial and residential applications, in 2019 and beyond.”

Attendees of the world's largest industry trade show for HVAC engineers, contractors, distributors and other trade professionals visiting LG's booth C7209 can interact with the latest LG air conditioning technologies and award-winning products.

Advanced and Versatile Control Capabilities

LG SmartThinQ®

On display at AHR Expo 2019 are various models of indoor units that are now Wi-Fi capable and controllable using the LG SmartThinQ app. 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. LG SmartThinQ is compatible with all Wi-Fi enabled LG indoor units and is integrated with Amazon Alexa and Google Assistant for enhanced convenience through voice commands.

LG MultiSITE VM3 Building Management Solution

The LG MultiSITE VM3 is a building management solution that maximizes the sophistication of control in each building system for cohesive building operation and synergistic performance. With the LG MultiSITE VM3, LG VRF and controls have converged into a single, seamless solution which streamlines system programming and grants building owners and facility managers the freedom to design a solution that's best for their needs.

Utilizing the open Niagara framework, owners can tailor and customize their building's operation to improve efficiency, minimize operational costs, and maximize comfort. Facility managers now have a window into their building's operations and efficiency empowering them to program their system to react as internal and external conditions change. The LG MultiSITE VM3 is a scalable solution capable of managing a single system all the way up to an enterprise level network for even more flexibility and responsiveness.

LG MultiSITE Communications Manager

The award-winning LG MultiSITE Communications Manager integrates the power of LG VRF technology into an existing third-party building management system. For the first time ever, a

controls framework directly integrates with a VRF system; eliminating the need for an additional third-party gateway. Powered by the Niagara™ framework, the award-winning LG MultiSITE Communications Manager allows for seamless integration with North American building management systems. Employing industry-standard BACnet, LonWorks®, and Fox protocols, programmers can easily connect the LG MultiSITE Communications manager, reducing program development costs. The LG MultiSITE Communications Manager enables building managers to maximize the performance, power and capability of each system.

LG MultiSITE™ Remote Controller

The LG MultiSITE Remote Controller is an intuitive control panel featuring a customizable screen and configurable functionality to meet the requirements of each installation. In addition to the flexibility of the user interface, the LG MultiSITE Remote Controller uses its onboard BACnet MS/TP to directly integrate into a building management system. Packaged in a sleek design, the LG MultiSITE Remote Controller includes a touch screen, built-in occupancy and humidity sensors, and Zigbee® wireless compatibility, delivering a complete out-of-the-box solution for a host of installations. Building owners and facility managers can now easily scale the functionality to suit the needs of occupants of the space while being conscious of their bottom line with the LG MultiSITE Remote Controller.

LG Air Handler Unit Conversion Kit (AHU)

The LG AHU Conversion Kit allows for third-party air handling units (AHU) or direct expansion (DX) coils to be seamlessly integrated with any LG Multi V™ condensing unit, thereby maximizing the performance of the system and capitalizing on the efficiencies of LG VRF technology. The LG AHU Conversion Kit that consists of the LG Electronic Expansion Valve (EEV) Kit and the Communication Kit is perfect for commercial applications where specialized equipment or outside air configurations are required, but the project team still wishes to capitalize on the efficiency of VRF technology.

LG AC Smart 5 Controller

Debuting at AHR 2019 the next generation of LG's advanced VRF controls, the AC Smart 5 remote controller. With its new HTML5-based graphical user interface, the AC Smart 5 provides an

intuitive way to monitor and control LG air conditioning units and LG RT DOAS whether on the integrated 10.2-inch LCD touchscreen or via the user's preferred web browser. As a BACnet™ Gateway, the AC Smart 5 combines its user interface with the open BACnet protocol for native integration of LG systems to a number of building automation platforms for cohesive building management. Additionally, the AC Smart 5 now comes with a host of standard capabilities and reports including greater visibility into energy usage trends and planned usage to further simplify and improve operational efficiency. The AC Smart 5 will be available spring 2019.

Innovative LG Technology: Indoor and Outdoor Solutions

LG Multi V™ 5 now with LGRED° Technology

Launching at AHR Expo 2019, the flagship product in LG's state-of-the-art air-source VRF systems, the Multi V 5 now boasts an expanded operating range to work in ambient conditions down to -22°F with the addition of LGRED° heat technology making it the ideal year-round VRF solution.

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; the 20-ton unit representing the largest tonnage in the smallest, single frame footprint on the market today. 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 is reduced, its performance is increased. The Multi V 5 has exclusive features such as Advanced Smart Load Control that 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 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 Heat Recovery Units

A recent addition to the LG line is redesigned Heat Recovery Units for commercial applications. Now with bottom access, the space requirements for installation are drastically reduced and service access is simplified. The new design also features vertically aligned refrigerant inputs allowing for greater ease of installation while substantially improving design flexibility. In addition to the redesign of all the units, the product line up will expand to include 6- and 8-port units which reduce the amount of equipment required for a large-scale project.

LG Rooftop Dedicated Outdoor Air Systems (RT DOAS)

LG's latest rooftop dedicated outdoor air systems (RT DOAS) offer building owners and facility managers the ability to seamlessly implement a complete end-to-end LG HVAC system. Available now in a wide range of capacities, LG RT DOAS units are available up to 70 tons and are configured to be easily compatible with LG VRF systems and LG MultiSITE™ controls. The new LG RT DOAS systems can deliver a maximum airflow of 18,000 CFM and feature a 2-inch foam-injected double wall construction increasing energy efficiency and unit durability for a longer, more sustainable lifespan. For added design and construction flexibility, the LG RT DOAS units are configurable with more than 190 options to fit nearly any design specification.

LG Multi V™ S

LG is showcasing the Multi V S, a compact, 5-ton heat recovery unit and a 5-ton single-phase VRF heat pump counterpart for the Multi V S line. The Multi V S, a compact, 5-ton heat recovery unit that operates on single-phase power, is 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 AHR Expo residential and light commercial display is the LG Multi F series, including the Multi F and the Multi F MAX outdoor unit, which are both available with LGRED° heat technology. The single-phase, outdoor unit connects up to eight individual indoor units and allows occupants to condition each individual room or space. The ENERGY STAR® certified Out-

door Multi F units (now available in 17,000 to 60,000 Btu/h capacities) represent the ideal solution for a wide range of applications, including residential homes and light commercial buildings.

High Static Ducted Indoor Unit

Debuting at AHR 2019 is LG's newly redesigned high static ducted units. With a cleaner chassis design, the LG high static ducted units have a reduced height and overall width with the control box enabling for maximized design space. In addition to the reduction in size, the new design is lighter and features bottom access to the control board for improved installation, commissioning and maintenance. The new high static ducted indoor units come in a range of capacities and will be made available in spring 2019.

LG Vertical Air Handler Unit (VAHU)

Previewing at AHR 2019 is LG latest vertical air handling units (VAHUs) for ducted residential and light commercial applications. Providing superior design flexibility of the four-way installation capabilities (vertically, horizontally from the left or right, or inverted with a down flow conversion kit), the new VAHUs now features a constant CFM motor which maintains a constant air flow for better efficiency and comfort. The VAHUs are Wi-Fi capable, allowing homeowners to control their heating and cooling needs through the LG SmartThinQ® app. The new VAHUs will be available through LG distributors in spring of 2019.

LG Art Cool™ Mirror

Featuring a sleek, charcoal mirror finish the Art Cool Mirror is a modern, high design option that complements almost all interior aesthetics. Featuring a redesigned chassis, the new Art Cool Mirror packs more punch with built-in Wi-Fi capability and SmartThinQ compatibility. With its quiet operation, as low as 19 dB(A), and earning the ENERGY STAR® "Most Efficient 2018" designation in 9,000 to 18,000 Btu/h single zone systems, the Art Cool Mirror is an ideal choice for many residential and light commercial applications.

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. The quiet LG Art Cool Gallery provides both comfort and a stylish aesthetic for all-season comfort.

For more information on LG products featured at the 2019 AHR Expo, visit the LG Electronics booth or lgahrexpo.com. Additional information on the complete portfolio of LG's air conditioning systems can be found at lghvac.com.

###

About 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 is a 2018 ENERGY STAR® Partner of the Year-Sustained Excellence. LG Electronics USA, based in Englewood Cliffs, N.J., is the North American subsidiary of LG Electronics Inc., a \$55 billion global force and technology leader in consumer electronics, mobile communications, home appliances and air solutions. For more information, please visit lghvac.com.

Media Contacts:

LG Electronics USA

Kim Regillio
815 355 0509
kim.regillio@lge.com

Dan Giametta
914 262 2271
daniel.giametta@lg-one.com