

**FOR IMMEDIATE RELEASE****LG ELECTRONICS DEMONSTRATES COMMITMENT TO ENERGY EFFICIENCY AT GREENBUILD 2016**

*Host of Highly Efficient Air Conditioning Systems and Appliances Ideal for Residential, Commercial Sustainable Building Projects*

**LOS ANGELES, Oct. 5, 2016** – Spotlighting its commitment to energy-efficient building solutions, LG Electronics USA returns to the Greenbuild Expo, demonstrating a host of air conditioning technologies focused on creating sustainable commercial and residential buildings.

Greenbuild 2016 Platinum Sponsor LG is highlighting solutions available to architects, engineers, builders and contractors, to support green building initiatives and energy management. An industry leader in the highly efficient variable refrigerant flow (VRF) HVAC technology, LG is showing how VRF systems can contribute toward LEED sustainable projects. A 2016 ENERGY STAR® Partner of the Year, LG also is featuring ENERGY STAR certified home appliances targeted to the builder channel at Greenbuild.

“Central to LG’s mission of ‘Innovation for a Better Life,’ we’re dedicated to creating sustainable technologies, developed with the environment in mind. With our VRF technology, we’re proud to lead the way in sustainable buildings, and we aim to raise the bar in efficiency year after year,” said Kevin McNamara, senior vice president, LG Electronics USA, and head of LG’s U.S. air conditioning business. “The world’s largest conference and expo dedicated to green building is the ideal venue to showcase LG innovations in efficient air solutions and home appliances.”

Products and technologies showcased in LG’s Greenbuild booth (#1815) include single and multi-zone HVAC systems and home appliances:

**LG Multi F MAX**

At the core of LG’s Greenbuild Expo residential application display is its flagship Multi F series product, the LG Multi F MAX outdoor unit, which is now available in a larger capacity at 60,000 BTU/h. The single phase, five-ton outdoor unit connects up to eight individual indoor units and allows occupants to air 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 Multi V<sup>TM</sup> IV

The LG Multi V IV VRF system leads the industry with the highest IEER in heat recovery available today. The system boasts an impressive AHRI-certified efficiency of up to 38.5 IEER. LG Multi F systems are also available in heat pump and heat recovery models with capacities ranging from six to 42 tons. To deliver exceptional performance and design flexibility, the Multi V IV system features High Elevation Piping technology and High Pressure Oil Return (HiPOR<sup>TM</sup>).

LG's Multi V VRF systems are now compatible with the LG Art Cool<sup>TM</sup> Gallery 9,000 and 12,000 BTU/h wall mounted indoor units. The Art Cool Gallery is the industry's only customizable wall mounted picture frame air conditioner, bringing a new level of design aesthetic to the commercial industry.

### Art Cool Premier

LG's Art Cool Premier Wall-Mount Split System is among the industry's most efficient and stylish air-conditioning units. The outdoor unit is measurably quieter than its competitors and consumes less energy than conventional air conditioners, as the inverter compressor ramps up or down to match the load of each room's demand. When the selected temperature is reached, the inverter compressor operates at a low speed to maintain comfort level instead of continuing to turn on and off, using less energy.

Earning the ENERGY STAR Most Efficient 2016 designation, the LG Art Cool Premier system also features low ambient heating operations down to -13 degrees Fahrenheit, ensuring continuous operation and efficient performance during even the coldest winter months. It boasts one of the highest SEER ratings in its class and works seamlessly with the LG Smart AC, allowing the end user to wirelessly connect, control and monitor the indoor unit's full array of functions and features through the smart phone app.

### Art Cool Gallery

LG offers users the opportunity to express their individual sense of style while cooling or heating their space with the duct-free Art Cool Gallery. This innovative indoor model allows the user to display an image in the customizable frame. Initially introduced as a single-zone system, the Art Cool Gallery is now 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.

### 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 45 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.

#### **4-Way Ceiling Cassette Grilles**

Also featured at Greenbuild are two new Ceiling Cassette Grilles. The four-way Black Ceiling Cassette comes in a 3x3 (three-foot by three-foot) configuration with an aesthetically-pleasing black color that can easily fit into any space and blend into any dark commercial ceiling environment. Also featured is a new true 2x2 four-way Ceiling Cassette Grille that is designed to perfectly fit into a standard two-foot square ceiling grid.

#### **ENERGY STAR Certified Home Appliances**

Joining LG's building comfort solutions demonstrated at Greenbuild are prime examples of LG's industry-leading home appliances targeted to the green-builder channel. LG washers are second to none in earning the coveted "ENERGY STAR® Most Efficient 2016" designation (for clothes washers larger than 2.5 cubic feet) from the U.S. Environmental Protection Agency. On display at Greenbuild are ENERGY STAR Most Efficient front-load washer model WM4270HVA and ENERGY STAR certified companion gas dryer model DLGX4271V. To see the full line of LG's appliance options for builders, please visit [www.LGbuilder.com](http://www.LGbuilder.com).

LG was named Official ENERGY STAR TV Provider for Greenbuild 2016.

For demonstrations and more information on LG products featured at Greenbuild 2016, visit the exhibit booth #1815 or the LG sponsored Compton YouthBuild module in the show's GreenZone. Additional details on LG's sustainable technology solutions can be found at <http://www.lg.com>.

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#### **LG Electronics USA Air Conditioning Systems**

The LG Electronics U.S.A., Inc., Air Conditioning Systems business is based in Alpharetta, Ga. A 2016 ENERGY STAR® Partner of the Year-Sustained Excellence, 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 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 \$56 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).

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