

LG Helps Modernize America's Homes Through Comprehensive Unitary HVAC Solutions

The U.S. housing market's slowing rate of construction and aging inventory mean millions of outdated air conditioning units need repair or replacement. At AHR Expo 2026, LG Electronics (LG) is showcasing its range of unitary (ducted) residential HVAC solutions, developed to bridge existing infrastructure and modern technology.

LG's portfolio presents a new generation of cooling and heating solutions, giving HVAC professionals additional product options and offering homeowners options that may support energy efficiency and comfort suitable for varied home layouts and regional climates across the U.S.

Single Fan ODU Configuration Streamlines Installation and Simplifies Maintenance

Central to the lineup is the Inverter Heat Pump Outdoor Unit (ODU), with all CV-and-above outdoor unitary models featuring a single fan design. This facilitates a low-profile configuration under 39.3 inches, reducing visual obstruction and supporting installation flexibility in space-constrained environments. In addition, the front-panel structure allows tool-free access to key components, including quick access to the PCB, which may help support service access.

The outdoor unit is also equipped with an embedded communication kit that supports dual fuel configurations, seamless thermostat integration and compatibility with third-party backup heaters, which may support broader application compatibility across the entire lineup. Furthermore, the all-black finish and streamlined single fan front grille create a clean, modern appearance that integrates naturally into residential environments.

High Efficiency and Versatility with Multi-Position Air Handling Unit

With select models certified by ENERGY STAR® for energy optimization, LG's Multi-Position Air Handling Unit (AHU) can utilize advanced LGRED® heat technology to deliver year-round temperature



management in compatible applications. The LG AHU accommodates a wide range of capacities and installation options, including vertical, downflow and horizontal configurations, offering flexibility for diverse residential layouts. For easy maintenance, the unit features a slide-out fan design that supports tool-less service.

Durable and Easy-to-Install A-Coil

The LG A-Coil offers an efficient, durable upgrade for home heating and cooling solutions. It incorporates an all-aluminum coil, a feature proven through 500 hours of rigorous salt spray testing. This construction is intended to support resilience against corrosion and long-term reliability across diverse conditions. Its compact, multi-position configuration also simplifies installation and maintenance.

Expanded Lineup of Gas Furnaces

LG is also introducing an expanded collection of gas furnaces, with models featuring significant Annual Fuel Utilization Efficiency (AFUE) ratings, spanning from 80 to 96 percent. Both the LNAVE and LNAEA series furnaces provide energy-efficient heating and may be integrated into LG's comprehensive dual-fuel heating and cooling solutions.

Seamless Integration with an Intelligent Controller

To complete its full HVAC solution, where LG engineers both the hardware and control software, the LG Thermostat controller supports integrated operation in compatible configurations. Developed for LG's unitary solutions, the controller supports optimized performance in qualifying applications and features simplified wiring that makes installation faster and more efficient for professionals. Through advanced, real-time modulation, it enables precise control of the inverter solution, which may support energy performance depending on conditions.

LG has finalized its total inverter unitary HVAC solution for North American homes, cohesively integrating its advanced, high-efficiency offerings into a unified portfolio. Its upgraded features may help support reliable operation over product life, delivering efficiency and consistent comfort to homeowners when properly selected, installed, and maintained. With flexible options that simplify installation for professionals, LG's unitary solutions provide advanced, efficient, and versatile home climate control.

Disclaimer

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