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Luxaire® launches high-efficiency residential systems with built-in advanced charge monitoring

Luxaire Acclimate™ Variable Capacity Residential Systems maximize comfort while minimizing energy consumption

MILWAUKEE – (March 30, 2017) – The new Luxaire® Acclimate™ Variable Capacity Residential Systems from [Johnson Controls](http://www.johnsoncontrols.com) are high-efficiency residential systems with built-in advanced charge monitoring. *Charge Smart™* monitoring and other advanced technologies work together to offer greater precision and convenience in system operation, improved efficiency and homeowner comfort.

Built-in *Charge Smart™* monitoring on air conditioners and heat pumps helps ensure units are charged correctly when installed by providing a direct readout of high and low system pressures and suction and liquid line temperatures, while also calculating system superheat and subcooling, all without connecting gauges, sensors or accessories to the units. This quick and accurate means of measuring refrigerant charge saves contractors a significant amount of time during installation and routine maintenance as it maximizes service life, delivers homeowner peace of mind.

System efficiency is ensured by inverter-driven variable capacity technology, which dynamically adjusts capacity and airflow, unlike conventional systems that simply turn on or off. Air circulates more precisely and quietly, maximizing comfort while reducing energy consumption. In fact, the systems' ENERGY STAR® Most Efficient qualified, up to 20 SEER AL21 air conditioners and HL20 heat pumps can reduce energy costs by as much as 50 percent compared to older 10 SEER units, and may qualify for utility rebates.

Efficiency is enhanced by matched and communicating indoor equipment, coils and air handlers seamlessly integrated with the Wi-Fi®-enabled Luxaire Acclimate Hx™ Thermostat. The easy-to-use touch-screen thermostat allows homeowners to precisely control and monitor their home comfort systems anywhere they have internet access. In addition, communicating indoor and outdoor units enable a self-monitoring feature that allows a contractor to quickly identify and diagnose system issues—potential or immediate—and minimize interruptions to comfort.

Several additional unique technologies further enhance comfort. *SilentDrive™* incorporates a sound-reducing swept-wing fan blade, composite base pan and sound containment cloak to reduce typical outdoor operating sound levels, while *Climate Sync™* enables contractors to set up systems faster and more accurately, by selecting from one of three preconfigured operating profiles—humid, dry or normal—based on climate and homeowners' specific needs.

A third system—*GeoTrak™*—allows further fine-tuning of the blower for specific applications, whether to compensate for arid environments or maximize the use of additional air quality accessories. Contractors can offer improved indoor air quality with a variety of devices, including system-matched humidifiers, germ-killing UVC lights and high-efficiency MERV 16-rated filtration, for reduced dust and contaminants.

“We’ve integrated a number of advanced technologies to make home heating and air conditioning smarter, more connected and more responsible than ever before,” said Liz Haggerty, vice president and general manager, Unitary Products Group, Johnson Controls. “Acclimate Variable Capacity Residential Systems are built for modern living, with all the comfort features, proven energy efficiency and reliability today’s homeowners demand from their home comfort system.”

Luxaire Acclimate Variable Capacity Residential Systems also appeal to contractors, with features that include a swing open electrical box that provides full corner access to the inside of the unit for easy installation and maintenance. Additionally, contractors can access systems remotely, when granted permission by the homeowner, to evaluate system operation before leaving for the jobsite, and having diagnostics available at the outdoor unit and thermostat eliminates having to walk between the thermostat inside and the outdoor unit.

Designed, engineered and assembled in the United States, system components are backed by the manufacturing expertise of Fortune 100 parent company Johnson Controls and an unmatched limited one-year labor warranty, lifetime compressor and 10-year parts limited

warranties on registered products. Highly Accelerated Life Testing (HALT) facilities aid in the systematic testing of components, including more than 20 years of accelerated operation testing for weather, humidity and temperatures as high as 125° F and as low as -10° F to ensure lasting performance and world-class quality.

In addition, full system testing is performed to Department of Energy (DOE) and CSA standard requirements. Units are also tested under the stresses found in shipping units by truck. Offering competitive energy efficiency, products are rated in accordance with AHRI Standards 200/240 and 340/360 at AHRI conditions and meet relevant ASHRAE 90.1, ENERGY STAR and EPACT 2005 standards. In addition to ENERGY STAR efficiency, models have earned Good Housekeeping Seal of Approval accolades.

To learn more about the new Luxaire Acclimate Variable Capacity Residential Systems, visit www.luxaire.com/Unmistakable.

Luxaire® products from Johnson Controls include high-performance residential central air conditioners, heat pumps, furnaces and accessories, and light-commercial, packaged heating and cooling systems marketed through a network of distributors and delivered to home- and building-owners through independent Luxaire heating and air conditioning contractors. For more information about Luxaire, visit www.luxaire.com or follow us on [YouTube](#) and [@LuxaireHVAC](#) on [Twitter](#).

About Johnson Controls

Johnson Controls is a global diversified technology and multi industrial leader serving a wide range of customers in more than 150 countries. Our 130,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat. We are committed to helping our customers win and creating greater value for all of our stakeholders through strategic focus on our buildings and energy growth platforms. For additional information, please visit <http://www.johnsoncontrols.com> or follow us [@johnsoncontrols](#) on Twitter.

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Photo Caption:



The new Luxaire® Acclimate™ Variable Capacity Residential Systems from Johnson Controls are the first high-efficiency residential systems with built-in advanced charge monitoring.