

HVAC Industry Changes to Watch Out for in 2019

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TULSA, OKLAHOMA, UNITED STATES, February 26, 2019 /EINPresswire.com/ -- With home heating devices becoming SMARTER than ever before, newer regulations, and greater innovations hitting the HVAC industry, 2019 is set to be a very interesting year.

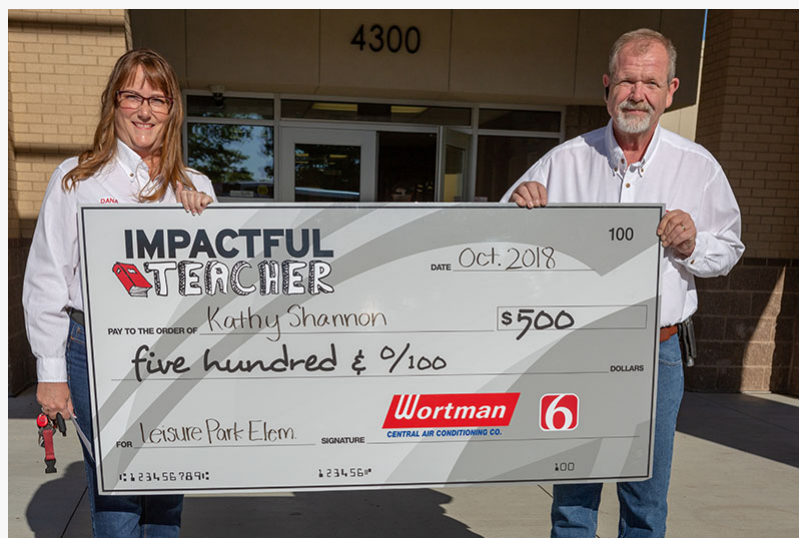
Automation and Connectivity in HVAC

As with any technology products, the requirement for the equipment to be able to feedback to the consumer is key. Whether that data relates to historical performance, current usage, or energy efficiency stats, the more information, the better. Aside from this, modern HVAC equipment will also be expected to perform self-diagnostics, this includes the ongoing monitoring and reporting of when attention is required.

Better connectivity with HVAC equipment also means that where several pieces of equipment are in situ, multiple devices could work in harmony to better support any underperformance and is appropriately compensated for and that the overall system is working in the most efficient manner.

Preventative Maintenance

Preventive Maintenance in the HVAC sector is a rapidly growing area of interest. With malfunctions and leaks causing costly damage, along with the downtime when something goes wrong; having better connected and more communicative equipment will help consumers, manufacturers, and HVAC maintenance staff alike. Features such as real-time updates, text alert services, pre-scheduled diagnostics, and better mobile access capabilities are just a few of the features you can expect to start seeing more in 2019 and beyond.



At the recent AHR Expo that took place in January of this year, intelligent devices that can sense sunset and sunrise, and react in accordance with the time of day by adjusting temperatures were on display in force. Such devices don't just satisfy the need for growing demands of consumer SMART homes; they provide the ability to be pre-set to meet individual consumer preferences and provide better comfort management in buildings overall. There is also a wave of add-ons that can be added to older systems that serve to expand the capabilities of legal HVAC systems as well.



SMART HVAC Design is Crucial

As we have already alluded to, HVAC systems that are already considered to be SMART will need to get SMARTER. With the requirement to monitor, self-assess, and report out information back to the managing entity or manufacturer, the underpinning design of HVAC systems is changing. HVAC equipment has notoriously been a set-it-and-forget-it type of installation.

For 2019 and beyond, consumers and product designers alike expect forward-looking equipment, which will, in turn, extend the lifetime of all HVAC products, providing a more efficient, more effective, and more customizable array of HVAC equipment choices for the next generation.

Air Quality Monitoring Improvements

Connected HVAC equipment and technology in 2019 will also boost the capacity of systems to be able to play a more significant role in the quality control and monitoring of air in homes and offices as well. Smart Sensors will become better at detecting VOCs and pollutants in the air, while further being able to take automated actions to correct any issues by introducing fresher air via ventilation systems or by actuating the fans.

While the HVAC industry at large is expected to experience significant growth overall thanks to a range of developing markets, these new innovations are going to revolutionize the way people control the [heating and cooling systems](#) in both their home and commercial environments for the foreseeable future and far beyond.

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