

News

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CARRIER ANNOUNCES NEW 3V™ PACKAGED CONTROL SYSTEM

(Syracuse, N.Y. – October 13, 2004) – Carrier Corporation, the world leader in heating, ventilation, and air conditioning (HVAC) announces the introduction of their new 3V™ Packaged Control System, a fully integrated system that provides precise comfort control for different zones in a building.

Carrier created and trademarked the first Variable Volume/Variable Temperature (VVT™) System nearly two decades ago, when it provided building owners, consulting engineers and contractors individualized levels of zone control from a single constant volume heating and cooling unit. Using its knowledge and expertise, Carrier has raised the bar on precision control and comfort for packaged systems with the introduction of the 3V system.

“As the industry’s premier zoning system, Carrier’s 3V control system integrates advanced start-of-the-art control components that deliver unparalleled comfort and unmatched energy efficiency for constant volume, VVT or packaged variable air volume systems,” said Bruce Burdon, Director of Product Management and Marketing for Carrier’s North America Commercial Division.

"This new system intelligently interprets building conditions and optimizes equipment operation," added Burdon.

The system pilot is the main component of the 3V control system and serves as the user-interface and navigation tool for each system. Supported by an easy to read 8-line LCD display, the system pilot ensures quick and easy system commissioning and unit diagnostics. "In fact, when combined with Carrier's ComfortLink™ rooftop controller, refrigerant circuit pressures can be monitored at the system pilot from inside the building, all but eliminating the need for pressure gauges and multiple trips to the roof," said Debra Drapas, Product Manager for Packaged Controls.

"Another main component of the 3V system is the universal controller. With 8 inputs and outputs and 29 pre-programmed algorithms, control of auxiliary components such as lighting, fans, boilers and other HVAC equipment has never been simpler," added Drapas.

Carrier's 3V system is the only zoning system that satisfies ventilation requirements on a zone level and does so based on actual building occupancy. This demand control ventilation algorithm results in significant savings in energy costs.

Access to the system has never been easier with Carrier's 3V web-based interface or hand-held device. Accessing, monitoring or changing unit and system parameters can now be accomplished quickly and easily. "Servicing contractors can now offer value added services to their customers by monitoring system performance around the clock and around the block easily and efficiently," said Burdon.

Carrier's 3V system is an affordable and efficient comfort control system for a wide range of building types including schools, retail stores, health care facilities and offices.

Carrier Corporation, headquartered in Farmington, Connecticut, is the world's largest company providing heating, air conditioning and refrigeration solutions, with operations in 172 countries. It is part of United Technologies Corporation (NYSE:UTX), a Hartford, Connecticut-based provider of a broad range of high-technology products and support services to the aerospace and building systems industries.

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