Excel 10™ VAV Box Controllers

Honeywell

For a flexible, energy-efficient controller for all variable air volume box control applications, count on Excel 10™ controllers from Honeywell. An excellent, low-cost control solution, Excel 10 VAV Box Controllers include a wide range of key features that make Excel 10 controllers the right choice for your commercial building.

Excel 10™ Advanced — Open Controllers For Specific Applications

Whether your control application requires a single- or dual-duct VAV or a constant volume air terminal unit, there's just one control solution you need to remember: Honeywell's Excel 10™ Variable Air Volume Box Controllers. Excel 10 VAV Box Controllers are an excellent, low-cost control solution for any size commercial building. The standard energy-saving setpoint reset options, open communications protocol and low-cost mounting design make these controllers a smart choice for all the right reasons.

THE OPEN SYSTEM ADVANTAGE

Honeywell Variable Air Volume Box Controllers use the Echelon® LONMARK® VAV Controller functional profile for openness and interoperability with third party LONMARK devices, or they can be used individually as a stand-alone system. Modular construction with flexible hardware configurations speed installation and lower your service costs. Models snap onto a standard snap rail or provide subbases that can be prewired and mounted on standard 4" x 4" junction boxes for convenient installation.

WHERE TECHNOLOGY, COMFORT AND SAVINGS CONVERGE

- Reliable individual room temperature control
- Pressure-independent flow control or pressure-dependent control
- Wide application flexibility for standard VAV and constant volume terminal unit applications
- Maximum energy savings through time-of-day control, load optimization, occupancy sensor interface with standby setpoints and demand limit control
- Automation savings through features such as pressurization/depressurization, night purge, morning warm-up, and terminal-regulated air volume
- Standard LONMARK VAV controller functional profile for complete integration and compatibility with third-party LONMARK devices

HIGHLIGHTS

Controller Hardware
- The Excel 10 VAV Box Controllers are available in four models to easily serve whatever application you need

- Controllers include on-board jacks (not available on W7751H), on-board service light and reliable Microbridge airflow sensor

Applications Supported
- Pressure-independent or pressure-dependent single-duct applications
- Up to three stages reheat
- Floating or PWM reheat and peripheral heat
- Series fan
- Parallel fan
- Return flow tracking
- Pressure-independent or pressure-dependent dual duct with or without flow mixing, cold and hot duct flow sensors
- Pressure-independent dual duct, constant volume, cold and hot duct flow sensors
- Pressure-independent dual duct, cold duct airflow sensor only
- Pressure-independent dual duct, constant volume, with discharge airflow sensor only

Network Communication
- Standard Echelon LONMARK VAV Controller functional profile
- High-performance 78K Baud communication; individual controllers communicate directly with each other for enhanced system performance
- Free topology transceiver (FTT), polarity free for flexible installation

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