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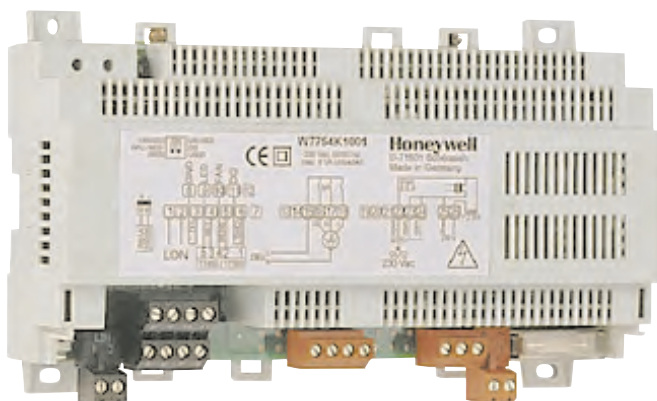
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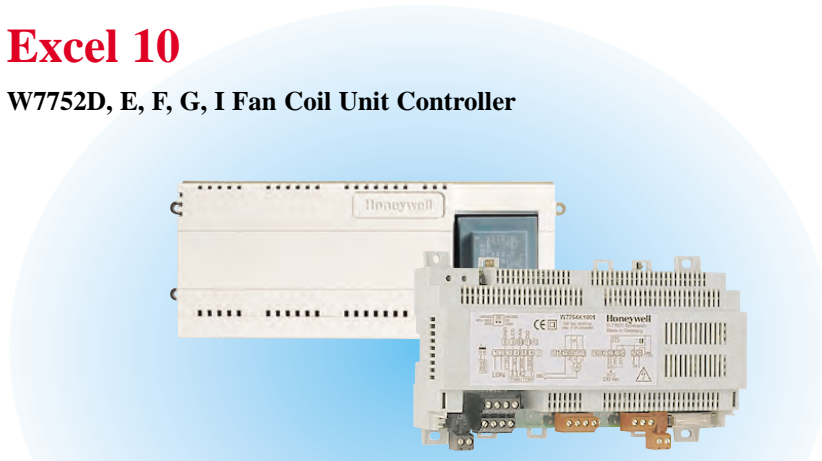
# КОНТРОЛЛЕРЫ

## Технические характеристики на Excel 10



# Excel 10

## W7752D, E, F, G, I Fan Coil Unit Controller



### DESCRIPTION

The W7752D,E,F,G,J, are LONMARK® compliant Fan Coil Unit Controllers in the Excel 10 family product line. These controllers provide room temperature control for two and four pipe fan coil units with optional electric heating coils (W7752D,F) and can control single, two or three speed fans. The controller is provided with default configuration settings and is fully operable on installation. The controller can be configured with job-specific settings. A variety of optional wall modules interface with the FCU controllers and provide any or all of the following: setpoint adjustment, fan speed adjustment, and an occupancy bypass button. All wall modules include a space temperature sensor, however a remote return air sensor can also be used.

### FEATURES

- LONMARK® HVAC profile #8020.
- Stand-alone operation or on high speed 78 kbaud LONWORKS® FTT network.
- Uses Echelon LonTalk® protocol.
- Factory-configured default parameters.
- Wide range of supported valves and actuators.
- Interlocks and time delays to protect equipment.
- Power supplied by power

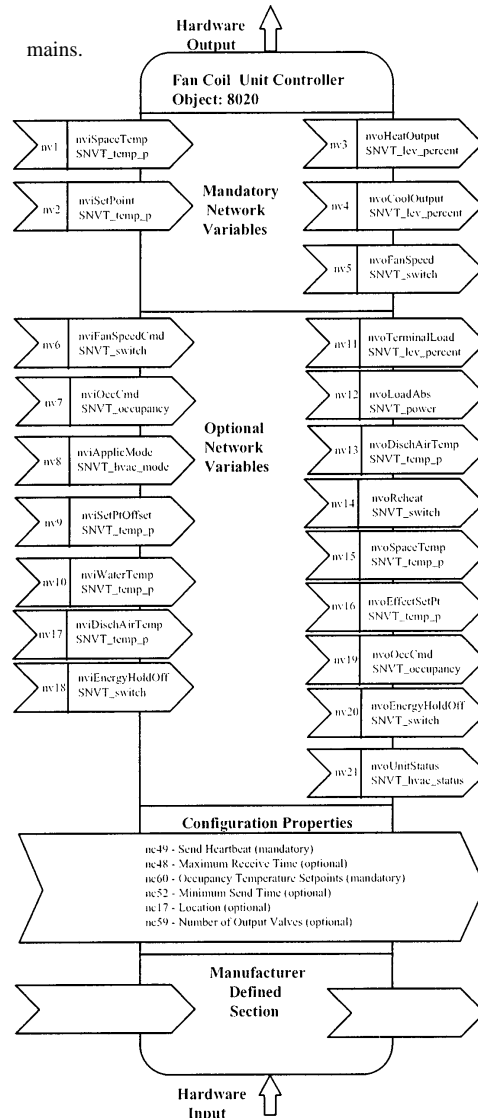
In addition to the W7752 models we offer the W7754 K, L, M versions:

- smaller and lighter
- 230V controller + actuator
- 24V controller + actuator
- second digital input
- wall module simulation
- removable terminals
- fuse directly accessible
- digital outputs for solid state relay
- max. 8 thermoactuators per triac

**LNS Plug-In Enabled**

### LONMARK® Functional Profile

W7752 Fan Coil Unit Controllers support the LONMARK® Functional Profile #8020.



# Excel 10

## W7763C, D, E Chilled Ceiling Controller



### DESCRIPTION

The W7763C, D and E are LONMARK® compliant Chilled Ceiling Controllers in the Excel 10 family product line. These controllers provide room temperature control using different heating and cooling sequences. The controller is provided with default configuration settings and is fully operable on installation. The controller can be configured with job-specific settings. A variety of wall modules interface with the Chilled Ceiling Controllers and provide the following options: setpoint adjustment, an occupancy bypass button and LED, and an LONWORKS® Bus jack. All wall modules include a space temperature sensor, however a remote return air sensor can also be used.

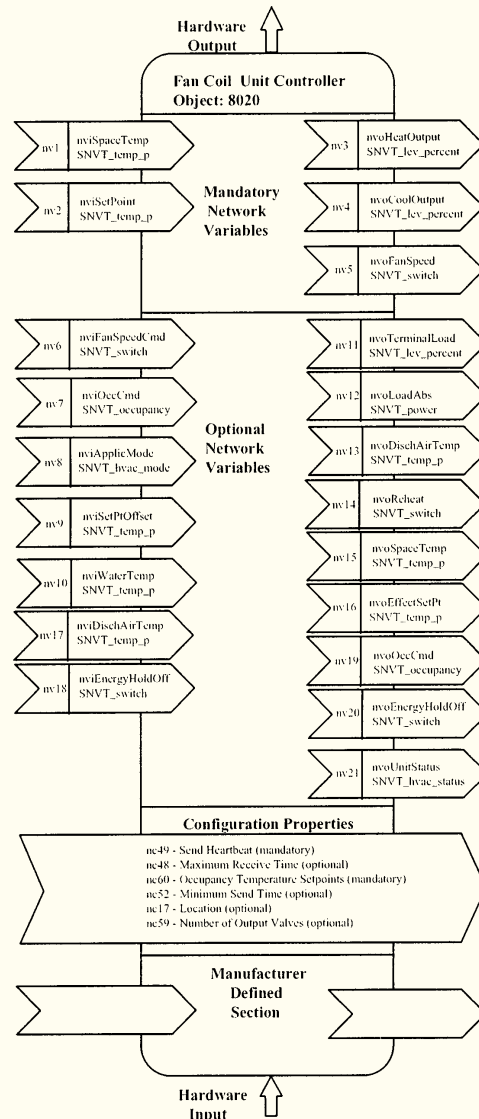
### FEATURES

- LONMARK® HVAC profile #8020.
- Stand-alone operation or on high speed 78 kbaud LONWORKS® FTT network.
- Uses Echelon LonTalk® protocol.
- Factory-configured default parameters.
- Wide range of supported valves and actuators.
- Available with setpoint knob for wall mounting.

LNS Plug-In Enabled

### LONMARK® Functional Profile

W7763 Chilled Ceiling Controllers support the LONMARK® Functional Profile #8020



# Excel 10

## W7762A, B Hydronic Controller



### DESCRIPTION

The W7762A and B are LONMARK® compliant Hydronic Controllers in the Excel 10 family product line. These controllers provide room temperature control using different heating and cooling sequences. The controller is provided with default configuration settings and is fully operable on installation. The controller can be configured with job-specific settings. A variety of optional wall modules interface with the Hydronic Controllers and provide the following options: setpoint adjustment, an occupancy bypass button and LED. All wall modules include a space temperature sensor, however a remote return air sensor can also be used.

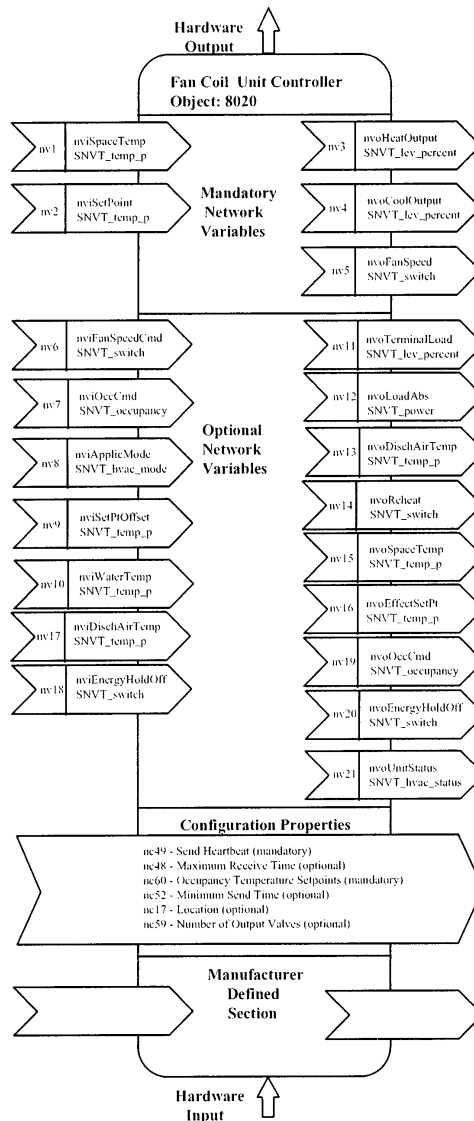
### FEATURES

- LONMARK® HVAC profile #8020.
- Stand-alone operation or on high speed 78 kbaud LONWORKS® FTT network.
- Uses Echelon LonTalk® protocol.
- Factory-configured default parameters.
- Wide range of supported valves and actuators.
- Available with setpoint knob for wall mounting.

LNS Plug-In Enabled

### LONMARK® Functional Profile

W7762 Hydronic Controllers support the LONMARK® Functional Profile #8020



# Excel 10

## W7751H Smart VAV Controller



### DESCRIPTION

The W7751H Smart VAV is a LONMARK® compliant Variable Air Volume (VAV) Box Controller with integrated Actuator in the Excel 10 family product line. This VAV Box Controller provides Pressure Independent air flow control and Pressure Dependent damper control. The W7751H Controller provides two additional outputs that control a fan or VAV box reheat coils. The heaters can be staged electric or modulating hot water. Supply and exhaust pressurization control are provided on a zone basis.

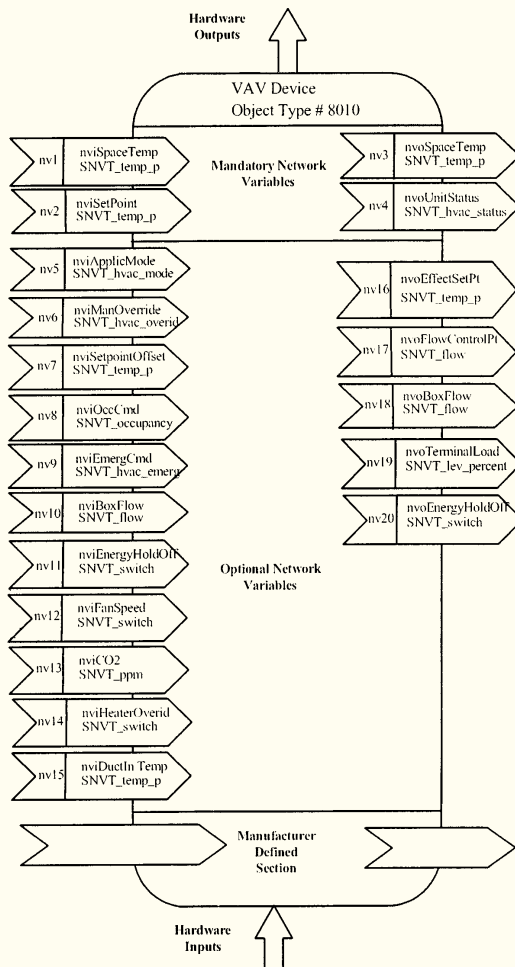
### FEATURES

- LONMARK® compliant HVAC profile #8010
- Stand-alone operation or on high speed 78 kbaud LONWORKS® FTT network.
- Uses Echelon LonTalk® protocol.
- Pressure Independent or Pressure Dependent Single or Dual Duct Variable Air Volume (VAV) control.
- Uses a Microbridge air flow sensor with patented dual integral restrictor design.
- Easy user access to air flow sensor inputs.
- Floating hot water, two-stage electric or modulating hot water heat.
- Provides patented nonlinear floating algorithm for velocity control loops.
- Individual zone pressurization for supply and exhaust control.
- Factory configured with critical user parameter default values.
- Supports motion sensor interface, via network, for enhanced energy savings.
- Supports pressurize and depressurize, night purge, and morning warmup sequences.

LNS Plug-In Enabled

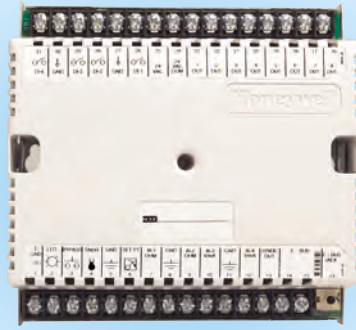
### LONMARK® Functional Profile

W7751H Controller supports the LONMARK®, Functional Profile #8010 VAV Controller



# Excel 10

## W7750A, B, C Constant Volume AHU Controller



### DESCRIPTION

The W7750A,B,C is the LONMARK® compliant Constant Volume Air Handling Unit (CVAHU) Controller in the Excel 10 product line family. It is designed to control single zone temperature control.

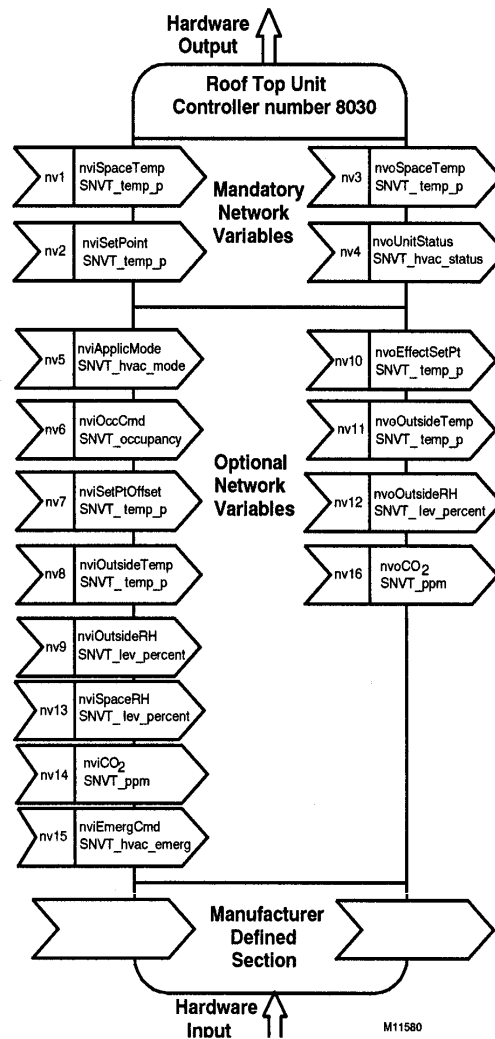
### FEATURES

- LONMARK® HVAC profile #8030.
- Stand-alone operation or on high speed 78 kbaud LONWORKS® FTT network.
- Uses Echelon LonTalk® protocol.
- Factory-configured default parameters.
- Wide range of supported valves and actuators.
- Available with setpoint knob for wall mounting.
- LON service pin and LED.

LNS Plug-In Enabled

### LONMARK® Functional Profile

W7750 Controllers support the LONMARK® Functional Profile #8030 Roof Top Unit Controller



# Excel 10

## W7751D, F VAV II Controller



### DESCRIPTION

The W7751D,F are LONMARK® compliant Variable Air Volume (VAV) Controllers in the Excel 10 family product line. These VAV systems provide pressure independent or pressure dependent air flow control and series or induction fan control using single and dual duct applications. VAV systems generally provide cool air only to the zones. The W7751 controllers provide additional outputs that control VAV box reheat coils. The heaters can be staged electric or modulating hot water. Supply and exhaust pressurization control are provided on a zone basis.

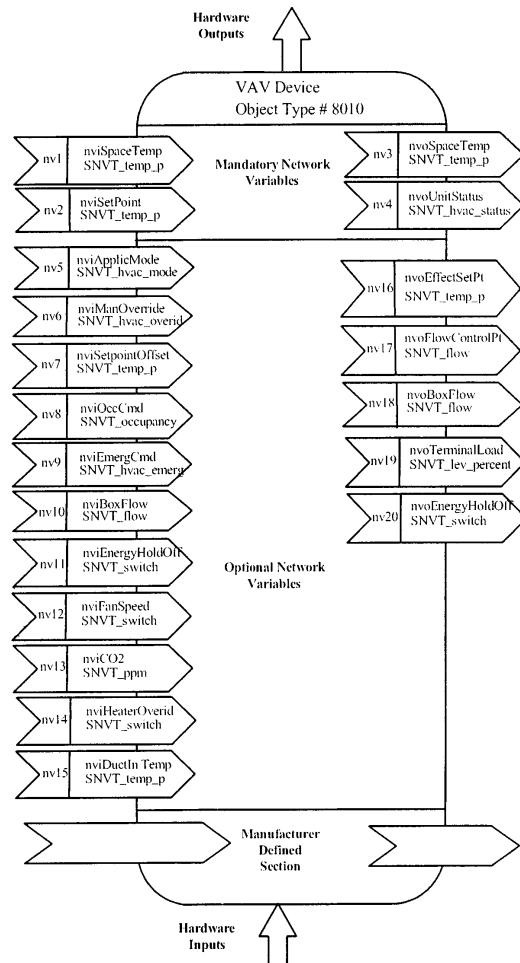
### FEATURES

- LONMARK® HVAC profile #8010.
- Stand-alone operation or on high speed 78 kbaud LONWORKS® FTT network.
- Uses Echelon LonTalk® protocol.
- Capable of stand-alone operation.
- Designed for Pressure Independent or Pressure Dependent Single or Dual Duct Variable Air Volume (VAV) and Constant Volume Air Terminal Unit control.
- Uses a Microbridge air flow sensor with patented dual integral restrictor design.
- Easy user access to air flow sensor inputs.
- Energy saving setpoint reset for electrical demand limit control.
- Floating or modulating hot water or three-stage electric heat.
- Series or induction fan control.
- Provides patented nonlinear floating algorithm for velocity control loops.
- Individual zone pressurization for supply and exhaust control.

**LNS Plug-in Enabled**

### LONMARK® Functional Profile

W7751 Controllers support the LONMARK®, Functional Profile number 8010 VAV Controller



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