

Excel 10™ Hydronic Controller

Honeywell



As stand-alone units or integrated into your network, Honeywell Hydronic Controllers easily extend your building's control. An affordable choice, Honeywell Hydronic Controllers come pre-configured, so they're easy to install in a wide range of heating and cooling applications.

Affordable Heating And Cooling Control



Take control of your building's heating and cooling energy consumption without spending a fortune. Honeywell's simple-to-commission hydronic controller can operate as a stand-alone unit. Or you can inexpensively integrate simple valve applications into your building's LONWORKS® direct digital control network using the standard Echelon® LONWORKS bus.

Honeywell hydronic controllers come pre-configured, so they are fast and easy to install in a wide range of control applications, including radiators, induction units and fan coil units with manual fan switching. Use them with hydronic or electric heating systems and chilled water or compressor cooling systems. Application-specific settings are easily configured using LonSpec.

THE OPEN SYSTEM ADVANTAGE

Honeywell Hydronic Controllers use the Echelon LONMARK® Fan Coil Unit functional profile for openness and interoperability with third-party LONMARK devices, giving you freedom of choice in system design. Plus each controller can function as a stand-alone solution.

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SPACE AND COST-SAVING INSTALLATION

The Honeywell Hydronic controllers are simple to wire and come with default configuration settings for simpler commissioning. The W7763C Hydronic Controller intuitive interface includes a setpoint knob, internal sensor and bypass button. These features are designed to save installation dollars by combining the controller and wall module into a single component. The W7762B Hydronic Controller is designed to be unit-mounted and wired to a wall module.

SMART SEQUENCING OPTIONS CONSERVE ENERGY AND REDUCE EQUIPMENT RUN TIME

- Setpoint reset for electrical demand limit control
- Energy-saving heating and cooling setpoints for occupied, unoccupied and standby modes

WALL MODULES

- The W7763C Hydronic controller has built-in wall module functionality, which includes temperature sensor, setpoint, bypass button, LED and LONWORKS jack — combining the controller and wall module saves substantial installation costs
- The W7762B Hydronic controller is applied with a remote wall module, which provides application flexibility
- Full network access from sensor for fast field troubleshooting

NETWORK COMMUNICATION

- Standard Echelon LONMARK Fan Coil Unit (FCU) functional profile
- High-performance 78K Baud communication
- Free topology transceiver (FTT), polarity-free for flexible installation

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