

## Hampden H-MZBM-T1C Multi-Zone Building Energy Management Trainer



Dimensions: 32"H x 60"W x 22"D Shipping Weight: 350 lbs (Computer Included)

### Purpose

The **H-MZBM-T1C** Multi-Zone Building Energy Management Trainer provides a means for training students in the installation, operation, and troubleshooting of a variable air volume unit and a constant volume air handler.

The control system allows on-screen menu-prompting displays and operator responses. The controller is used to permit the operator to control every phase of the Energy Management process.

### Features

- State-of-the-art Honeywell Controls
- Wireless Computer Communications
- Simulated Fault Conditions - Five Selectable
- Animated Graphic Displays
- Selectable Loads and Environments
- Safety - Access to 24V AC only
- Courseware - Student & Instructor
- Honeywell - WEB-8000 Controller with WEBs-N4 and Niagra Framework
- WEB-8000 - Streams Data and graphical display to web browser via ethernet or wireless LAN.

### PC Specifications (minimum requirements)

- Windows® 7 (32 bit)
- Wireless or Ethernet capabilities

### Specifications

The following factory wired components are mounted on a sturdy steel equipment/display panel with rear access cover.

### Actual Components:

- Honeywell Spyder BACnet Controller
- Honeywell Syk I/O Devices (Spyder Controller Expansion)
- Honeywell WEB-8000 Controller
- Zio Lite Wall Module
- Honeywell Ball Valve Actuator
- Honeywell Economizer Damper Actuator
- Test Points
- H-LTCS Laptop Computer

### Simulated Components:

- Smoke Detector
- Fan Indicators
- DX Cooling Coils
- Static Pressure Control
- Supply Air Temperature Control
- Air Flow Switches
- Freezstat Switches
- Mixed Air Temperature Controls
- Outdoor Air Temperature Control
- Supply Air Humidity Control
- Room Relative Humidity Control
- Occupied/Unoccupied Mode Switches
- Damper/Valve Position Indicators

### Input Power:

- 120V.AC-1Ø-50/60Hz-15 ampere (Circuit Breaker Protected)

All Hampden units are available for operation at any voltage or frequency



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