Hampden H-MZBM-J1
Multi-Zone Building Energy Management Trainer

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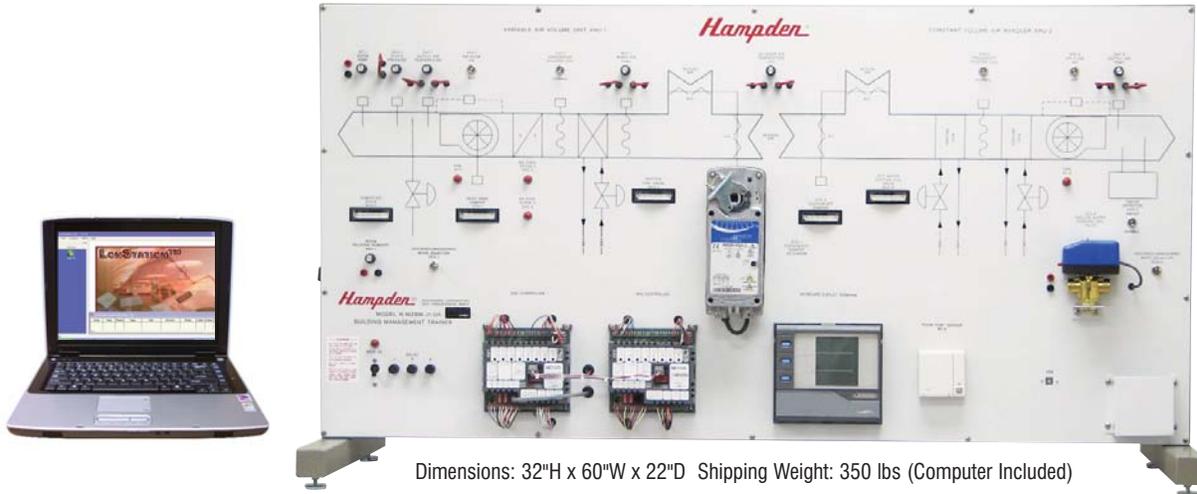
Purpose

The **H-MZBM-J1** 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 Johnson Controls
- Remote Computer Communications
- Programmable
- Simulated Fault Conditions - Five Selectable
- Graphic Displays
- Selectable Loads and Environments
- Safety - Access to 24V AC only
- Courseware - Student & Instructor
- HVAC - Pro

PC Specifications (minimum requirements)

- Windows® XP OS/Vista/7 (32 bit)
- USB Port
- 10' straight through cable

Specifications

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

Actual Components:

- Johnson Controls Controller Unitary
- Johnson Controls Sensor Temperature
- Johnson Controls Actuator Electric Spring Return
- Johnson Controls 3-way Control Valve
- Johnson Controls Converter Interface Cable Pro
- Johnson Controls Software M-tool
- Johnson Controls Zone Terminal
- Johnson Controls Base Wall Mount
- Johnson Controls DC Power Supply
- Digital Multimeter

- Test Points
- H-LTCS Laptop Computer

Simulated Components:

- Smoke Detector
- Fan on 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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