HP-1212 Heat Pump Electrical Simulator

The Heat Pump Electrical Simulator replicates a single-stage heat pump system paired with a two-stage electric air handler (fan coil), allowing students to understand how complete heat pump systems operate. This simulator teaches how system behavior changes based on outdoor air temperature conditions, helping students recognize when a system is in heating or cooling mode. By working through these scenarios, students reinforce their understanding of heat pump sequence of operation across both modes, building a strong foundation in diagnosing real-world heat pump systems.

SPECIFICATIONS

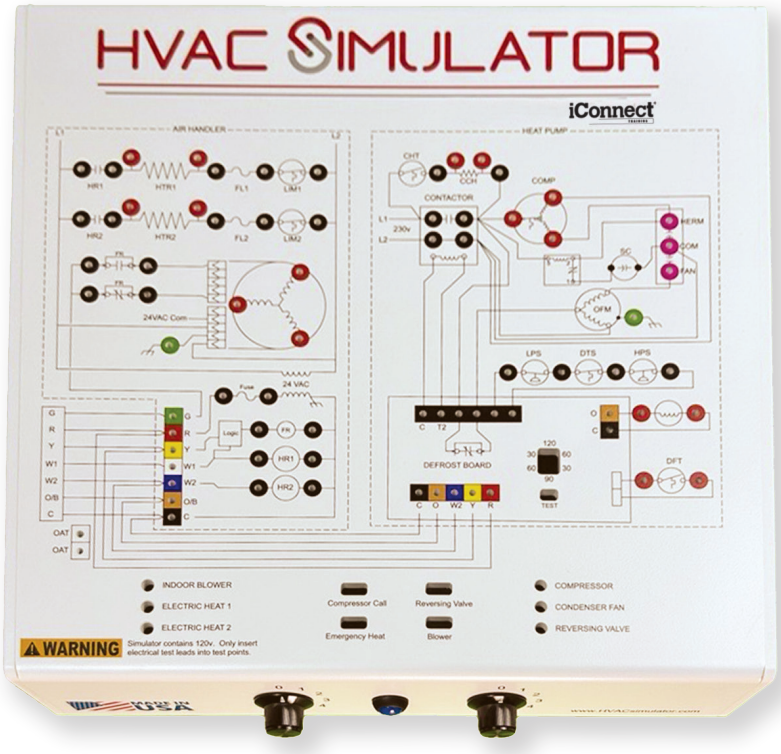
- Electrical Requirements: 120V 15A 60Hz
- Overall Size: 13.5" L x 14.5" W x 3" H
- Net Weight: 8 lbs

IDEAL TRAINING APPLICATIONS

- Programs teaching modern heat pump systems used in both heating and cooling applications
- Courses focused on diagnosing electrical faults in heat pump equipment

FEATURES

- Compact design allows easy use and storage
- Simulates 16 common heating faults with knowledge checks
- NFC (Near Field Communication) support for diagnostics using a mobile device app
- Live Voltage allows any electrical meter to be used to measure voltage, resistance, and microfarads
- Student Workbook designed to teach Sequence of Operation, Schematic Reading, and Electrical Diagnostics
- Additional copies available for purchase
- Purchase of the Simulator includes the complete HVACsim app for instructor and students



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