

## TU-9240 HVAC ELECTRICAL CONTROL TRAINING UNIT

*This system gives students the opportunity to learn the basics of electricity, and then proceed to learn how to set up a control circuit. It is designed for courses teaching the apprentice or vocational student early in their training. Built on a rolling frame with 36 modular panels, the instructor can position 12 panels on the front display for the lessons of the day. All refrigeration controls used are designed for the HVAC industry. The student can learn from connecting the controls using two different methods, depending on the panel: banana jack or terminal block connections.*

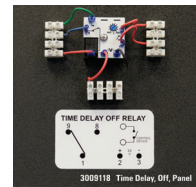
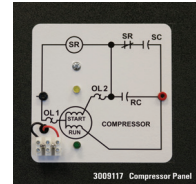
*The instructor can teach the principles of circuitry, all with this low voltage system (24-volt) to ensure beginner safety. Students can experience taking voltage, amperage and resistance readings to build their basic understanding of an electrical system. Lessons with this unit will also teach them basic knowledge of series (as seen in pressure controls) and parallel circuitry (as seen in relays).*

*The TU-9240 HVAC Electrical Control Training Unit can be used for lectures explaining the controls and how they function and/or for practice demos. This unit is designed for electrical programs, HVAC programs, and control calibration courses.*

### Specifications

Electrical requirements: 120VAC; 60Hz; 15A

Overall size: 45" L x 24" W x 69" H



### Features

- Low voltage 24-volt system
- The unit comes standard with 36 panels
- The lower rack and back rack provide storage for the panels not being used in the current lessons
- Circuits including basic electricity, basic refrigeration, heating and air conditioning, commercial air conditioning and other load circuits can be created.
- Controls include power transformer, lamp holder panels, single, three-way, and four-way switches, single pole contactor, switching relays, programmable thermostat, fan relay, stop-start station, 3-pole contactors with auxiliary contacts and overload protection, high and low pressure controls both in-line and commercial, commercial step controller, load fans, mechanical temperature control
- Transformer Panel Steps down to 24V
- Wire test lead kit with banana plugs and additional wire leads
- Includes Student Lab Manual with wiring diagrams and multiple exercises and Instructors Manual

**iConnect**<sup>®</sup>  
TRAINING



**Additional e-Learning curriculum available, contact us for more information.**

**Shipping Weight: 570 lbs.**

**Shipping Dimensions: 61" L x 48" W x 78" H**