

## TU-501 MOTORS, CONTROLS AND CIRCUITS BUILD-UP TRAINING UNIT

*Designed for the student with a working knowledge of the theory of refrigeration electrical control systems. Using this training unit, students are required to design a system to match specifications of a particular situation.*

*Connections between components are wired by the students.*

### Specifications

Electrical Requirements: 120/240VAC; 60Hz

HDPE Panels: 1/4" thick with steel reinforced component shelf

Overall Size: 34.5" L x 18" W x 77.5" H

### Build-up Training Unit

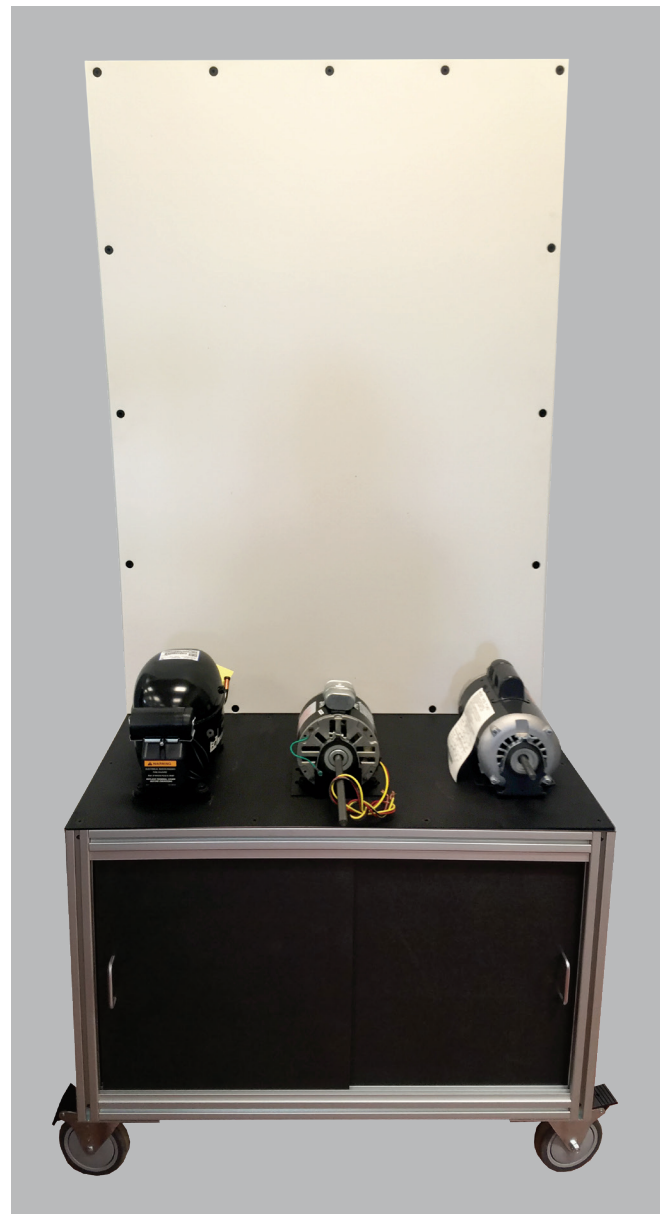
Components are provided for backboard mounting in preferred arrangement. (Mounting hardware not included.)

### Features

- Single phase disconnect
- 3 phase disconnect
- 24V transformer
- Duplex receptacle
- Low voltage thermostat
- Defrost timer
- Low-pressure switch
- High-pressure switch
- Oil pressure switch
- Fan/limit switch
- Heating sequencer
- Motor starter
- Start/stop switch
- Current relay-potential relay
- Start capacitor-run capacitor
- Single-phase compressor
- Capacitor start motor-PSC motor
- Enclosed storage compartment
- Includes a textbook with explanations of the theory of operation



*Example of lay-out build-up.*



E-LEARNING CURRICULUM  
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**TU-501: Suggested 4 courses totaling 75 credit hours**

*Subscription includes Instructor's selection of any 5 courses in catalog. Add more courses by request.*

1. 111 Electrical DC Theory Plus
2. 112 Electrical AC Theory Plus
3. 113 Electrical Common Components
4. 114 Electrical Motors

**Shipping Weight: 460 lbs.**

**Shipping Dimensions: 49" L x 45" W x 87" H**

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TRAINING

