

# TRAINING UNITS

## TU-501 MOTORS, CONTROLS AND CIRCUITS BUILD-UP TRAINER

*Designed for the student with a working knowledge of the theory of refrigeration electrical control systems. Using this trainer, 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; single phase

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

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

### Build-up Trainer

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

### Features

- Single 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.*



**Shipping Weight: 350 lbs.**

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

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TRAINING