

# TRAINING UNITS

## TU-105 COMMERCIAL REFRIGERATION TRAINER

### Specifications

Compressor: Single phase, 1/2 HP semi-hermetic (bolted reciprocating-type) 120VAC, 60 Hz, 15 Amp

Evaporators and condenser: Copper tube coils with aluminum fins and variable speed fan mounted on back of panel

Uses HFC 134a refrigerant

Mounting stand: 72" L x 18" W x 72" H

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

Electrical requirements: 120VAC, 60 Hz

### Features

- Evaporator Pressure Regulator (ERP)
- Customizable isolated access ports for alternate metering devices
- Sight glass tubes at inlet and outlet of evaporators and condenser constructed of explosion-proof, tie-bolt design
- Cut-out and by-pass valves
- Hand valves allow malfunctions to be simulated
- Many control changes are possible
- Combination low pressure control and high pressure cut-out
- Thermostatic control with an adjustable range of -30°F to 100°F
- 2 solenoid liquid line valves
- Includes Lab Manual and Operation Instructions



**Shipping Weight: 950 lbs.**

**Shipping Dimensions: 81" L x 45" W x 88" H**

This Training Unit includes an iManifold Kit for full diagnostic testing and troubleshooting of system components. The kit comes complete with the award-winning iManifold wireless digital refrigeration manifold, (1) 902M Thermistor Air Probe, (3) 901M Thermistor Pipe Strap Surface Probes, (1) 955MRS 5' hose set with low loss ball valve shut off, and (1) iManifold backpack. Additional accessories such as wireless probes and the iConnect hub are also available.



**iConnect**<sup>®</sup>  
TRAINING