

TU-155 INDUSTRIAL REFRIGERATION TRAINER

This trainer enables students to learn principles of commercial and industrial refrigeration systems.

Specifications

Electrical Requirements: Single phase, 240VAC, 60 Hz, 30A

Uses R422B refrigerant

Overall Size: 100" L x 27" W x 74" H

Water Tower: 60 Hz, single phase, 60,000 BTU/hour. 115 VAC, 60Hz.
(This is an optional add-on)

Utility Requirements: city water, drain, and means of venting water tower

Features

- Trainer: Self-contained and freestanding with storage space underneath
- Compressor: Semi-hermetic type with 2 HP capacity
- Crankcase heater with automatic control system
- 2 forced air type evaporators have 2 common types of defrost mechanisms complete with solenoids, timers, and associated equipment
- 2 standard types of water cooled condensers (tube-in-tube and shell-in-tube) are supplied and piped to be used with city water and optional water tower
- Hot gas by-pass system keeps operating pressures of the compressor constant regardless of the evaporator level
- Crankcase pressure regulator allows the compressor to start easily under high evaporator pressures
- Includes Instructor Guide

* NOTE: 240V plug not included



OPTIONAL WATER TOWER



BASED ON OPTIONS, WILL SHIP IN 1 TO 2 CRATES

Shipping Weight and Dimensions:

Crate 1: 1200 lbs. / 99" L x 48" W x 92" H

Crate 2: 350 lbs./ 49" L x 41" W x 70" H

(Crate 2 is the optional Water Tower)

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.

