

## TU-130 BASIC REFRIGERATION TRAINING UNIT WITH WATER COOLED CONDENSER

*This training unit demonstrates a light commercial refrigeration system with dual pressure control, digital thermostat and a co-axial, tube-in-tube heat exchanger/condenser. With this training unit, course instructors give HVAC/R students hands-on experience with refrigeration systems from the comfort of their classroom before they go out into the field.*

### Specifications

Electrical requirements: 120VAC; 60Hz; 15A

Uses R-134a Refrigerant

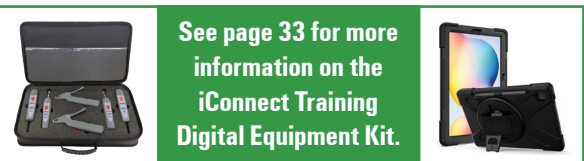
Overall Size: 34.5" L x 18" W x 77.5" H

1/3 HP hermetically sealed reciprocating compressor.

Panels are 1/4" thick plastic with steel reinforced component shelf

### Features

- Extended view sight glass tubes at inlet and outlet of evaporator and condenser constructed of explosion-proof, tie-bolt design
- Drip pan with drain located under evaporator
- Color-coded valves, gauges, and hand valves to bypass various components
- Conditions of refrigerant and oil can be observed under various methods of operation
- Pressure gauges located at each point in which pressure variation is likely to occur
- Refrigerant flow to evaporator metered either by capillary tube, automatic expansion valve (AXV), or thermostatic expansion valve (TXV)
- Aluminum fin, copper tube evaporator with variable speed fan for load adjustment
- Water cooled condenser with standard hose connections and ball valves to meter water flow (water hoses not included)
- A combination low and high pressure control in the circuit at all times to prevent damage to the compressor
- Electronic temperature control with a range of -30°F to 100°F
- Includes Operation Manual
- Includes new digital equipment kit with (2) Temperature Pipe Clamps, (2) Humidity/Temperature Probes, (2) Pressure Probes, (1) Wireless HDMI Display Adapter for TV Casting, and a tablet pre-loaded with the custom iConnect Training app



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

Shipping Weight: 480 lbs.  
Shipping Dimensions: 49" L x 45" W x 87" H

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TRAINING

