

# TRAINING UNITS

## TU-810 EEV TABLE-TOP AIR CONDITIONING AND REFRIGERATION TRAINER

*This training unit demonstrates basic refrigeration and air conditioning principles in a compact size perfect for in the classroom or mobile training.*

### Specifications

Electrical Requirements: 120VAC; 60Hz; 15A

Overall Size: 34" L x 16" W x 16" H

Weight: 80 lbs.

Uses HFC 134a Refrigerant

1/3 HP hermetically sealed reciprocating compressor.

### Features

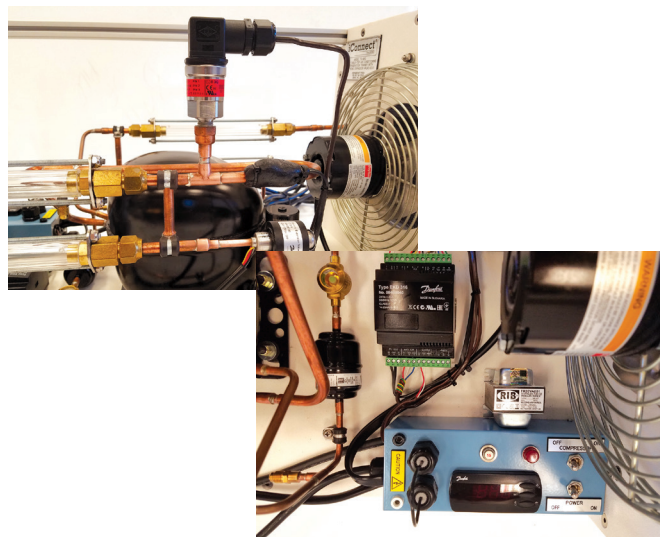
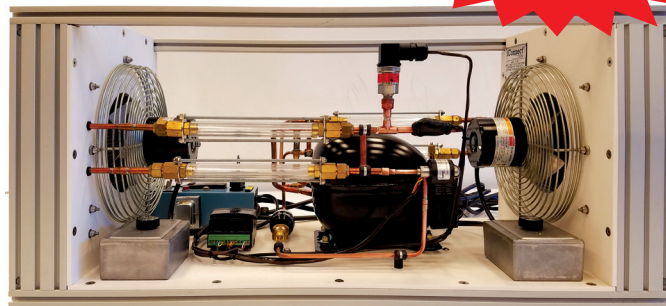
- **Electronic Expansion Valve (EEV) to control the flow of refrigerant with a sophisticated design. This cutting-edge technology can also operate as a fixed orifice metering device.**
- Demonstrate, operate and program an EEV electronic controller.
- Easy access for electrical measurements.
- Lightweight for easy on-the-go training; weighing only 80 lbs., this unit can be easily moved, transported and stored.
- Variable fan speed controls for evaporator and condenser load adjustment
- Sight glasses at inlet and outlet of evaporator and condenser constructed of explosion-proof, tie-bolt design
- Conditions of refrigerant and oil can be observed under fluid and gas stages of operation
- Evaporator and condenser copper tube coils with aluminum fins
- Drip pan located under the evaporator for condensation drain

### Training Curriculum, Workbooks, & Certification

#### Available Soon:

The TU-810 training curriculum will be organized with sessions for addressing specific competencies and student learning outcomes. The package of training resources will include lecture notes, power point presentations, instructional videos, and lab exercises. Students will be able to demonstrate knowledge of the refrigeration cycle and complete iManifold® certification using the TU-810 Trainer and the included iConnect® System Analyzer kit. This curriculum package will be priced separately as a per-student add-on and will be available in early 2018.

**NEW  
PRODUCT!**



**Shipping Weight: 230#**

**Shipping Dimensions: 44" W x 36" L x 25" H**

This Training Unit comes with a standard-range iConnect System Analyzer kit by iManifold for real-time system performance analysis suitable for projector or large screen display in the class-room.

1-year iManifold Cloud Subscription is included for one user; additional student subscriptions are available.



# iConnect®

TRAINING