

## TU-806 R-290 EEV TABLE-TOP AIR CONDITIONING AND REFRIGERATION TRAINING UNIT

*This training unit demonstrates a basic refrigeration and air conditioning system featuring an electronic expansion valve, using a natural refrigerant.*

### Specifications

Utilizes "green" refrigerant R-290

Electrical Requirements: 120VAC; 60Hz; 15A

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

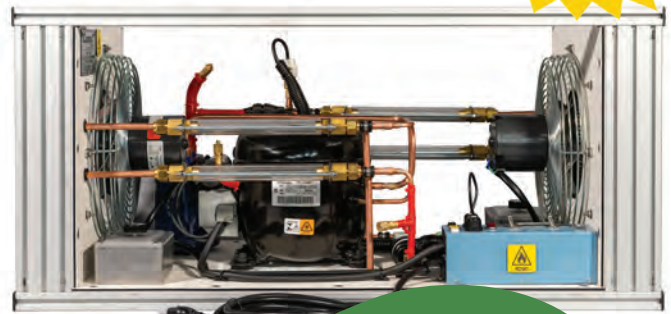
Weight: 80 lbs.

1/3 HP hermetically sealed reciprocating compressor.

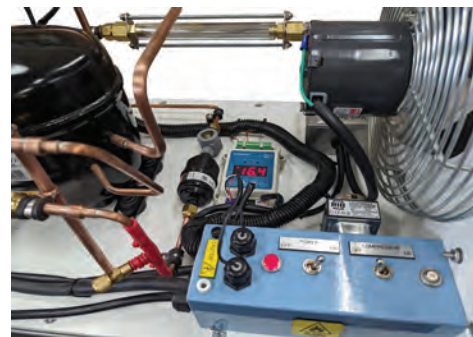
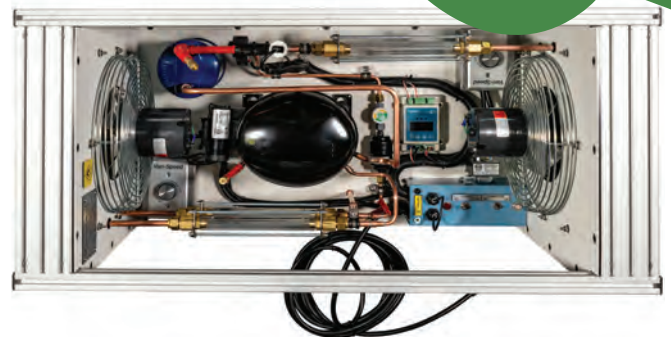
### Features

- **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.
- R-290 natural refrigerant: can be vented to outdoor atmosphere (does not need to be recovered)
- Easy access for electrical measurements.
- Lightweight for easy on-the-go training; weighing only 80 lbs., this unit can be 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
- 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 Monitor Casting, and a tablet pre-loaded with the custom iConnect Training app

This unit utilizes a natural refrigerant, R-290, and certain schools and campuses may have restrictions on maximum ounces of such A3 refrigerants. Verify your situation before ordering.



**GREEN  
REFRIGERANT!**



See page 31 for more information on the iConnect Training Digital Equipment Kit.



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

Shipping Weight: 230 lbs.  
Shipping Dimensions: 36" L x 44" W x 25" H

**iConnect**<sup>®</sup>  
TRAINING

