

TU-406CGF DELUXE RESIDENTIAL HEAT PUMP & GAS FURNACE TRAINING UNIT

With this training simulator, HVAC/R students get real-world experience working on a heat pump unit in a residential home. iConnect Training's TU-406CGF Residential Heat Pump & Gas Furnace Training Unit allows future technicians to practice troubleshooting wiring, piping and controls. It comes configured with duct-work and a large digital display to show live readings.

Specifications

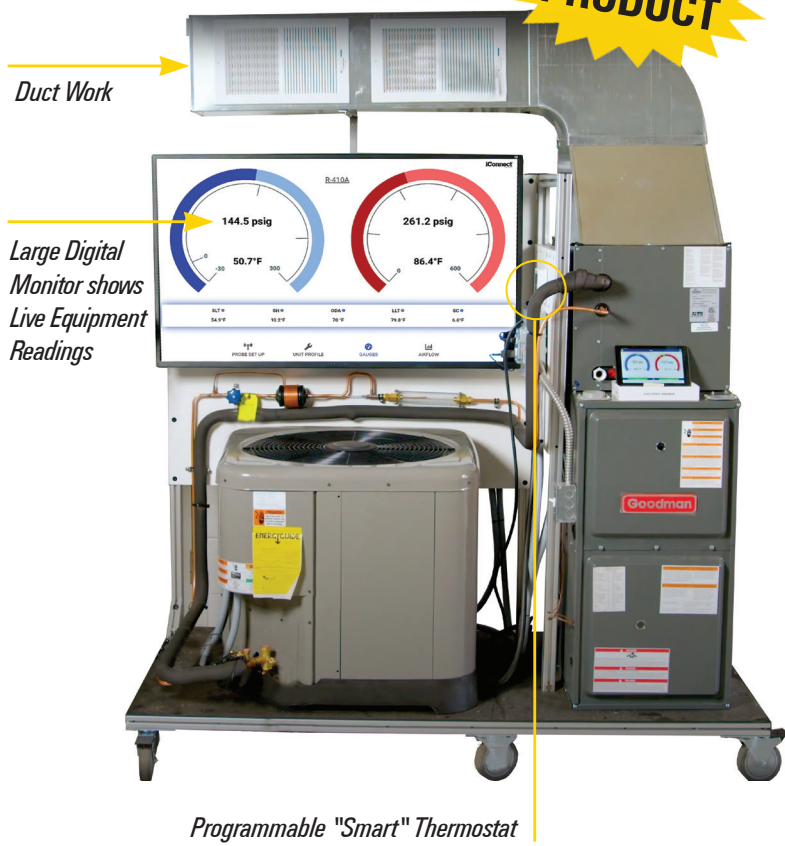
Electrical requirements: 240VAC; 60Hz; 20A; 4-wire

Uses R-410A Refrigerant

Overall Size: 70" L x 33" W x 85" H

Features

- 96% AFUE Gas Furnace
- Variable Speed ECM Motor
- Two Stage Gas Valve
- Fault simulation
 - (4) electrical faults
 - (2) refrigerant faults
 - Simulation of plugged filter/drier
 - Airflow restriction with adjustable louvers mounted in duct work
- Provides numerous real-world applications and trouble-shooting examples
- Refrigeration cycle can be observed
- Reversing valve for heat pump operations
- High-pressure refrigeration tubing piped to extended view sight glass for direct observation of the fluid stage of the refrigeration cycle
- Pressure, temperature and electrical readings can be made
- Thermostatic Expansion Valve Metering Device
- Includes *Air Conditioning Technology, Heat Pumps Operation, Installation & Service with CD*, and Student Lab Manual
- Optional add-on equipment package provides all the professional tools necessary to complete service checks
- 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, (1) Manometer, and a tablet pre-loaded with the custom iConnect Training app



Duct Work

Large Digital Monitor shows Live Equipment Readings

Programmable "Smart" Thermostat

Optional Unit Configuration


- **TU-406:** Base Unit (without Monitor and duct work)
- **TU-406C:** Base Unit plus Monitor and duct work

* NOTE: 240V plug not included

This unit requires access to a gas utility and proper ventilation in accordance with all state and local regulations in the given area.



See page 33 for more information on the iConnect Training Digital Equipment Kit.



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

Shipping Weight: 1,115 lbs.
Shipping Dimensions: 80" L x 48" W x 78" H

