

TU-206C RESIDENTIAL AIR CONDITIONING TRAINER

Teach real world experience in troubleshooting wiring, piping and controls of a working air conditioning unit for a whole house. This residential split system shows indoor and outdoor components, with a 1.5 ton straight cool condenser and matching air handler.

Specifications

Electrical requirements: 208/240VAC; 60Hz; 20A

Uses R410A Refrigerant

TU-206 Overall Size: 70" L x 33" W x 67" H

TU-206C Overall Size: 70" L x 33" W x 85" H

Features

- Fault simulation with two refrigerant faults and four electrical faults
- Provides numerous real-world applications and trouble-shooting examples
- Refrigeration cycle can be observed
- High-pressure refrigeration tubing piped to sight glass for direct observation of the fluid stage of the refrigeration cycle
- Pressure, temperature and electrical readings can be made
- Visible wiring and piping
- Metering device/thermostatic expansion valve
- Necessary line and low voltage wiring
- Low voltage transformer and wiring
- Includes Operation Manual and book *Refrigeration and Air Conditioning Technology*
- Optional add-on equipment package provides all the professional tools necessary to complete service checks (see page 34)

Optional Unit Configuration

- **TU-206:** Base Unit (without TV and duct work)
- **TU-206C:** Base Unit plus TV and duct work

* NOTE: 240V plug not included



Duct Work

Large Digital Display** shows iManifold Live Readings

Programmable "Smart" Thermostat

EZ Trap Float Switch and emergency drain pan float switch

**Customer provides smart phone or tablet and necessary adapters and cables to mirror iManifold app to TV display.

TU-206C: Suggested 12 courses totaling 213 credit hours

Subscription includes Instructor's selection of any 5 courses in catalog. Add more courses by request.

1. 101 Fundamentals
2. 111 Electrical DC Theory Plus
3. 112 Electrical AC Theory Plus
4. 113 Electrical Common Components
5. 114 Electrical Motors
6. 121 Air Properties and Measurement
7. 141 Refrigeration I
8. 142 Refrigeration II
9. 143 Refrigeration Cycle Service Procedures
10. 241 Intro to Cooling System Troubleshooting
11. 242 R-410A Refrigerant Technology
12. 243 Advanced Troubleshooting

E-LEARNING CURRICULUM NOW AVAILABLE

INCLUDES: The popular iManifold 900C service kit, and a new iManifold Pulse kit for permanent installation and 24/7 monitoring on a package unit. See page 34 for more details.

Shipping Weight: 960 lbs.

Shipping Dimensions: 80" L x 48" W x 78" H

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TRAINING