

Mobile Air Conditioning Trainers

Educational Training Equipment for the 21st Century

Bulletin 232-DACT-1B

H-DACT-1 Domestic Air Conditioning System Trainer

Purpose

The Hampden **Model H-DACT-1** Domestic Air Conditioning System Trainer is based on R-410A refrigerant. R-410A is an efficient and environmentally friendly refrigerant. The **Model H-DACT-1** is designed to provide the student with a thorough understanding of the systems used in residential applications. The system components provide easy access for testing and troubleshooting. The trainer is supplied with an integral fault package comprised of five electrical faults and two mechanical faults, mounted in a locking box on the rear of the trainer.

Description

The Hampden **Model H-DACT-1** Domestic Air Conditioning System Trainer contains liquid control devices. R-410A works at a higher pressure than past refrigerants, so all of the system's fittings have been brazed. The trainer includes sight glasses and pressure gauges at the inlet and outlet of the evaporator and condenser, receiver, and filter dryer. It is factory charged with R-410A refrigerant. Furnished complete with operating instructions, experiment and teacher manuals.

Specifications

- Fused Main Disconnect Switch
- Compressor Contactor
- Capacitor
- Low Pressure Switch
- Defrost Sensor
- Defrost Circuit Board
- Variable Speed Blower
- Static Pressure Regulating Damper
- Thermostat
- High Pressure Switch
- Fan Control

POWER REQUIRED:

Input: 220VAC - 1Ø - 3W - 60Hz

R-410A is a replacement for R-22 and is an EPA approved refrigerant



Model H-DACT-1 Domestic Air Conditioning System Trainer

Dimensions: 76.75"H x 60"W x 31"D

Shipping Weight: 542 lbs

All Hampden units are available for operation at any voltage or frequency

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