

Mobile Refrigeration Trainer

Educational Training Equipment for the 21st Century

Bulletin 238P

H-CRT-1 Commercial Refrigeration Trainer

The Hampden **MODEL-H-CRT-1** Commercial Refrigeration Trainer contains two evaporators, which may be operated singly or in parallel. Three types of liquid control devices are included: capillary tube, thermostatic expansion valve, and an automatic expansion valve. Sight glasses at the inlet and outlet of the evaporators and condenser allow students to monitor the changes in refrigerant state. The unit also includes pressure gauges, thermometer wells, temperature and pressure controls, heat exchanger, flowmeters, receiver, oil separator, and accumulator. Factory-charged with R-134a HFC refrigerant (other refrigerants available). Furnished complete with operating instructions, experiment and teacher's manuals.

The Hampden **MODEL H-CRT-1** Commercial Refrigeration Trainer consists of refrigeration components completely piped and wired for demonstration of Commercial Air Conditioning and Refrigeration Systems including:

- A. Domestic Refrigerators
- B. Freezers
- C. Multiple Compartment Refrigerators
- D. Air Conditioners

Options

H-RST-DMP Digital Meter Package

H-CRT-FP-18E Fault Package - Electrical

H-CRT-FP-M Fault Package - Mechanical

H-CRT-TC Digital Temperature Module with Thermocouples

H-CRT-1-VC Variable Compressor Option

H-CRT-1-CDL Commercial Refrigeration Trainer with Computer Data Logging package

H-CRT-1-CDL-LT Commercial Refrigeration Trainer with Computer Data Logging Sensors only (No I/O Modules or Software)

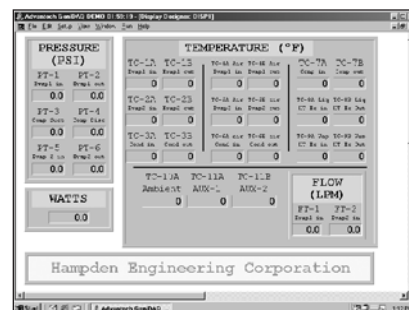
H-RST-DMB Digital Manifold with Bluetooth

Options must be specified at time of original order.

Power Required: 120V AC 1Ø 60Hz



MODEL H-CRT-1 shown with
H-CRT-FP-18E Electrical Fault Package option
H-CRT-FP-M Mechanical Fault Package option
H-RST-DMP Digital Meter Package option
H-CRT-TC Digital Temperature Module with Thermocouples
H-CRT-VC Variable Compressor option
H-RST-DMB Digital Manifold with Bluetooth
Dimensions: 88"H x 72"W x 31"D - Shipping Weight: 1,000 lbs



Sample Screenshot of Hampden CDL Software

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

Hampden
ENGINEERING CORPORATION



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