

Environmental Systems Trainers

Educational Training Equipment for the 21st Century

Bulletin 230P

H-DSSCT-1A Solid State Controls Trainer

The Hampden **Model H-DSSCT-1A** Solid State Controls Trainer contains the actual control components of a two stage heating and cooling system using both digital and analog thermostats. Each component terminates at Hampden binding posts for easy interconnection into a variety of configurations. Up to 15 faults may be inserted from the panel on the rear. Furnished with cords. The typical fault panel is found on the side of Hampden Environmental Systems Trainers.



MODEL H-DSSCT-1A
Dimensions: 36"H x 36"W x 13"D
Shipping Weight: 260 lbs.



MODEL H-PS-1B
Dimensions: 36"H x 36"W x 13"D
Shipping Weight: 260 lbs.

H-PS-1B Power Saver Trainer

The Hampden **Model H-PS-1B** Power Saver Trainer contains the control components of a "mixed air" temperature control system that saves power by using outside air whenever possible for cooling. The trainer incorporates several elements of the mixed air control system and adapts the layout for student use. The student learns important design concepts and methods of operation normally associated with commercial HVAC equipment. The **H-PS-1B** may be used as a stand-alone trainer or in conjunction with the **Model H-TPCT-1A** Three Phase Compressor Trainer (Bulletin #228-1) and the **Model H-GHT-2B** Gas Heat Trainer (Bulletin #229-3). Up to 13 faults may be inserted from the side panel. Furnished with cords.

H-CFS-1B Compressor Fault Simulator

The Hampden **Model H-CFS-1B** Compressor Fault Simulator is designed to give students experience with troubleshooting hermetic compressors. Up to 16 faults may be inserted into the compressor, the current relay, the capacitors, the overload relay, or the power wiring. Using a standard hermetic compressor tester, the student determines the fault and simulates corrective action via toggle switches on the front of the panel. Lights are used to signal successful or unsuccessful results of the action. Available on a tabletop unit (shown) or for mounting on an A-frame mobile stand (as described on Bulletin 246-1). Furnished with cords.



MODEL H-CFS-1B
Dimensions: 24"H x 36"W x 11"D
Shipping Weight: 160 lbs.

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

Hampden
ENGINEERING CORPORATION

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