

# Environmental Systems Trainers

Educational Training Equipment for the 21st Century

Bulletin 230S



**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 standalone 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.

**Option: Model HMC-3 Mobile Cart**

## H-CFS-1C Compressor Fault Simulator

The Hampden **Model H-CFS-1C** 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 as a tabletop unit (shown) or for mounting on a mobile frame (as described on Bulletin 246-1). Furnished with cords.

**Option: Model HMC-3 Mobile Cart**



**MODEL H-CFS-1C**  
Dimensions: 38"H x 36"W x 13"D  
Shipping Weight: 160 lbs.

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



**Hampden**  
ENGINEERING CORPORATION