Environmental Systems Solar Trainers

Educational Training Equipment for the 21st Century

Bulletin 230-2C

MODEL H-SST-3-CDL
Front view showing components
Overall Dimensions: 72"H x 48"W x 34"D
Shipping Weight: 450 lbs.

H-SST-3
Solar Heat System Trainer

The Hampden **Model H-SST-3** Solar Heat System Trainer is an actual solar hot water heating system. System components include 2 vacuum tube solar collector sections, circulation pumps, storage tank, heat exchanger, air separator, air handler, solar heating coil, automatic air vents, thermostat, and a control panel with sensors. Gauges, thermometers, and flowmeters permit students to observe pressures, temperatures, and flow rate while the system is in operation. The trainer is mounted on a mobile frame and the collector panel is adjustable for easy positioning in direct sunlight.
An electrical fault package option can be added, specify **H-SST-3-FP**. A Computer Data Logging Option can be added, specify **H-SST-3-CDL**.

MODEL H-SST-3-CDL
Back view showing solar collector tilted toward sun

MODEL H-SST-4
Front view showing components
Overall Dimensions: 72"H x 48"W x 34"D
Shipping Weight: 450 lbs.

H-SST-4
Solar Heat System Trainer

The Hampden **Model H-SST-4** Solar Heat System Trainer is an actual solar hot water heating system. System components include one (1) traditional style solar collector and one (1) vacuum tube solar collector, circulation pumps, storage tank, heat exchanger, air separator, air handler, solar heating coil, automatic air vents, thermostat, and a control panel with sensors. Gauges, thermometers, and flowmeters permit students to observe pressures, temperatures, and flow rate while the system is in operation. The trainer is mounted on a mobile frame and the collector panel is adjustable for easy positioning in direct sunlight.
An electrical fault package option can be added, specify **H-SST-4-FP**. A Computer Data Logging Option can be added, specify **H-SST-4-CDL**.

MODEL H-SST-4
Back view showing solar collector tilted toward sun

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

Hampden® ENGINEERING CORPORATION

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