

# A/C & Refrigeration System Trainers

Educational Training Equipment for the 21st Century

Bulletin 237K

## H-RST-6

### Basic Refrigeration Trainer

The Hampden **Model H-RST-6** Basic Refrigeration Trainer provides students with an introduction to the principal components of basic refrigeration systems. The instructor is able to insert ten electrical faults, including: defective motors, switches, and relays for electrical troubleshooting, as well as three mechanical faults.

The Hampden **Model H-RST-6** contains one evaporator and condenser with the front coils of clear tempered glass, three metering devices, electric reversing valve, hermetic compressor with liquid receiver and suction accumulator, fan speed controller, pilot lights, gauges, filter-drier, sight glass moisture indicator, flowmeter, high and low pressure controls, digital temperature indicator with thermocouple transfer switch, solenoid, hand valves, flow diagram, and lockable storage cabinet. Charged with R-134a HFC refrigerant.

#### Options

- **H-RST-6-CDL** Basic Refrigeration Trainer with Computer Data Logging Package, allows monitoring of the following:
  - temperature
  - pressure
- **H-RST-DMB** Digital Manifold with Bluetooth

*Options must be specified at time of original order.*

Power Required: 120V AC 1Ø 60 Hz.



**MODEL H-RST-6**

(Shown with H-RST-DMB Option)  
Dimensions: 80"H x 48"W x 28"D  
Shipping Weight: 700 lbs

## H-RST-8

### Heat Pump Trainer

The Hampden **Model H-RST-8** Heat Pump Trainer provides students with an introduction to the principal components of heat pump systems. The instructor is able to insert eighteen electrical faults, including: defective fan motor, switches, relay and compressor faults.

The Hampden **Model H-RST-8** contains one environmental enclosure, fan cooled evaporator, emergency heat, thermal cutout switch, digital programmable thermostat, digital thermostat, defrost timer, reversing valve, hermetic compressor with condenser, liquid receiver, gauges, valves, check valves, high and low pressure switch, filter-drier, sight glass moisture indicator, thermostatic expansion valve and capillary tube for each coil, and lockable storage cabinet. Charged with R-134a HFC refrigerant.

#### Options

- **H-RST-8-CDL** Heat Pump Trainer with Computer Data Logging Package, allows monitoring of the following:
  - temperature
  - pressure.
- **H-RST-DMB** Digital Manifold with Bluetooth

*Options must be specified at time of original order.*

Power Required: 120V AC 1Ø 60 Hz.

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**MODEL H-RST-8**

(Shown with H-RST-DMB Option)  
Dimensions: 75"H x 48"W x 30"D  
Shipping Weight: 850 lbs

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

**Hampden**  
ENGINEERING CORPORATION