

Refrigeration Training Systems

Educational Training Equipment for the 21st Century

Bulletin 239-106E

H-RST-7A Truck Refrigeration Trainer

Purpose

The Hampden **Model H-RST-7A** Truck Refrigeration System Trainer is a practical hands-on refrigeration system trainer used to familiarize the student with the design concepts and operating procedures of Thermo King Transport Refrigeration systems. The Trainer is a completely functional refrigeration-heating type system.

Description

The equipment is securely mounted on a mobile stand and arranged to provide maximum accessibility for both instructor and students. Each component, which is clearly labeled, is of commercial quality and is typical of the kind encountered in the field.

Features

The compact layout of the **Model H-RST-7A** includes:

- Hermetic Compressor (½ hp) 6100 BTU
- Forced Air Evaporator
- Forced Air Condenser, 300 cfm
- Liquid Receiver
- Suction Accumulator with Sight Glass
- Heat Exchanger
- Three-way Valve with Pilot Solenoid
- Thermostatic Expansion Valve
- Thermostat
- High-Low Dual Pressure Control
- Control Panel with Main Power and Mode Selection Switches
- ON/OFF Speed Switches for Evaporator and Condenser Fans
- Filter/Drier
- Pressure and Temperature Gauges at various locations
- R-404a Refrigerant



MODEL H-RST-7A Truck Refrigeration System Trainer
(Shown with H-RST-DMB Option)
Dimensions: 71" H x 51½" W x 31" D
Shipping Weight: 800 lbs.

Option

H-RST-7A-CDL Mobile Refrigeration System Trainer
with Computer Data Logging Package

H-RST-DMB Digital Manifold with Bluetooth



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

Hampden
ENGINEERING CORPORATION