

GEOTHERMAL TECHNOLOGY







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Hampden H-GTL-1 Geothermal Trainer

Hampden Model H-GTL-1 Geothermal Trainer provides hands-on training by allowing students to conduct tests and adjustments on a modern Geothermal Heat Pump.

The H-GTL-1 Geothermal Trainer is equipped with:

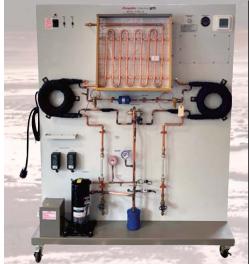
- 1. Exclusive double isolation compressor mounting system
- 2. Extended range operation (20°F to 120°F)
- 3. Exceeds ASHRAE 90.1 efficiencies
- 4. Internally trapped condensate drain line
- 5. Unit Performance Sentinel performance monitoring system

Hampden H-GTL-2 Geothermal Trainer

Hampden Model H-GTL-2 Geothermal Trainer provides hands-on training by allowing students to conduct tests and adjustments on a modern Geothermal Heat Pump.

The H-GTL-2 Geothermal Trainer is equipped with:

- 1. Exclusive double isolation compressor mounting system
- 2. Insulated divider and separate compressor/air handler compartments
- 3. Extended range operation (20°F to 120°F)
- 4. Exceeds ASHRAE 90.1 efficiencies
- 5. Internally trapped condensate drain line
- 6. Unit Performance Sentinel performance monitoring system

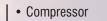


Hampden's Model H-RST-20 Geothermal Trainer provides hands-on training by allowing students to conduct tests and adjustments on a modern Geothermal Heat Pump System.

The H-RST-20 Geothermal Trainer is equipped with:

1. Exclusive double isolation compressor mounting system

- 2. Insulated divider and seperate compressor/air handler compartments
- 3. Extended range operation (20° to 120°F)
- 4. Exceeds ASHRAE 90.1 efficiencies
- 5. Condensate drain pan
- 6. Unit Performance Sentinel performance monitoring system
- **Specifications**
- The H-RST-20 Geothermal Trainer consists of the following:
- Geothermal Heat Pump Components (water-to-water)
- Microprocessor Control
- TXV Valve
- · E-coated Air Coils
- Compressor
- Two-stage 24V Heating/Cooling Thermostat
- Mobile Frame
- Instruction Manual and Text Book
- The following components shall be mounted on mobile frame:



- Electric Pressure Control (2)
- Filter Drier
- Sight Glass
- Condenser
- Evaporator
- Control Panel
- 24V Two-Stage Heating/Cooling Thermostat
- Power Cord
- Water Supply Tank with Pump
- Water Storage Tank with Pump



H-RST-20 - Rear View



Hampden Model H-ACTK-23 Geothermal Trainer Kit Includes: compressor, cap and clamp kit, electric pressure control (2), contactor, transformer, filter drier, sight glass, evaporator and condenser.

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Hampden Engineering Corporation

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Geothermal Energy for the Home Horizontal Loop Slinky Loop Vertical Loop



Hampden Engineering Corporation

OPTIONAL COOLING TOWER







The Hampden **MODEL H-ACTK-CT** Cooling Tower Trainer allows for continuous operation increasing the size of the ground water cooling source.

Can be used as an option for The Hampden Model H-GTL-1 Geothermal Trainer or the Hampden Model H-RST-20 Geothermal Trainer.

Specifications

- Pump 1/2 HP
- High Pressure Switch
- Float Valve

Services Required 208/220V/AC Single Phase



Hampden is committed to providing industry-leading technology. For the latest from Hampden, visit our home page at http://www.hampden.com or e-mail us at sales@hampden.com



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