



GEOTHERMAL ENERGY TRAINING SETUP

RN 218

Description:

Geothermal energy is a thermal energy that exists in the solid crust of the earth's core. This energy can be used for generating electricity. This system is a comprehensive unit used for simulating the mentioned process by transferring heat from a fluid to a consumer.

Specifications:

- S.S/storage tank with heater for simulation of geothermal energy
- Copper tubes with fluid for transferring heat
- Heat exchangers for transferring heat between hot sources and consumer
- Thermocouples for measuring temperatures of tank and heat exchanger
- Ability to control the temperature of storage tank
- Circulation pump
- Rotameters
- Electrical control panel with switches and displays
- Carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Observing the working principle of geothermal energy
2. Calculating heat exchange between coils and underground hot water and plate heat exchanger

Required For Operation:

- 3-Phase 25 A Electricity
- Urban Water Supply
- Urban Water Drainage
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm: 1500x 1000 x 1500

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