30 YEARS OF ORIGINAL THINKING

POLMON
Measure. Control. Automate.

Hot Water System

- For pharmaceutical process, heating and drying
- Works continuously
- Requires minimal maintenance
- Efficient control

Features

- Compact and complete solution
- Design, engineering, manufacturing and instrumentation under one roof
- Customized advanced temperature controller with DCS connectivity
- Skid mounted system for ease of installation
- Versatile heating controls for consistent and desired temperatures
- Advanced condensate removal technique
- Instantaneous results

Advantages

- **Instant output** - Hot water generation is instantaneously available for fluctuating process loads and urgent demands
- **Less energy consumption** - System designed with heat exchangers with very high heat transfer rates and efficiency
- **Least cost of ownership** - Inexpensive solution in terms of initial capital costs, installation, operation control with safety and maintenance
- **Most reliable** - Ensures accurate hot water temperature demanded by most of the temperature sensitive drying processes
- **Compact yet efficient** - Up to 75% less space required for installation when compared to conventional hot water tank heating systems

Technical Specifications

Application	Process / Drying
Temperature Range	RT to 95°C
Type of Heat Exchanger	PHE / Shell and Plate / Shell and Tube or Electrical Heater
Utility Requirement	Steam or electrical power supply
MOC of Internal piping and components	Mild steel / Carbon steel / SS304 or Ss316
Type of Pumps	Seal or seal-less
System Accuracy	± 2°C
Condensate Pumping system	Automatic Pumping Trap
Temperature Controller	Advanced controller having an unique feature and no need of secondary controller for activating the safety cut off valve
Area of classifications	Safe & hazardous area

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