

Thermal Oil Heater for Industrial Heating

This thermal oil heater produces heat for processing machines in dyeing and chemical fiber mills. It is suitable for stenters and other industrial applications requiring precise temperature control.



Product Overview

Industrial Thermal Oil Heating Solution

This YLW-type coal-fired thermo oil heater is designed to provide stable, uniform heat for demanding industrial applications such as dyeing and chemical fiber processing. By utilizing a high-efficiency three-pass structure, it maximizes heat transfer to ensure optimal performance. The system is engineered for safety, reliability, and ease of operation with integrated automated control and monitoring features.

Technical Specifications

Rated Working Pressure	1.1 MPa
Thermal Efficiency	75 %
Rated Heating Power Range	600 x 10 ⁴ ~ 7000 x 10 ⁴ kcal/h

Performance Features

Key Performance Metrics

75 %

Min Thermal Efficiency

1.1 MPa

Rated Pressure

Key Advantages

- Three-pass structure for extended flue gas path
- High thermal efficiency above 75%
- Compact design for reduced infrastructure footprint
- Automated operation and monitoring for reduced labor
- Environmentally compliant combustion technology

Compatibility

Target Industries	Dyeing Mills, Chemical Fiber Mills, Stenter Processing
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Operational Safety

Safety & Control

Automated Monitoring • Low Pressure Operation • Stable Thermal Control