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Product Name :
Shell And Tube Heat Exchanger Transparent Casing

Product Code :
LBNY-0005-11200077



Description :

The Shell And Tube Heat Exchanger Transparent Casing apparatus is used for studying heat transfer through a shell and tube heat exchanger under parallel or counter flow conditions. Parallel and counter flow is by switching cold water hoses. The unit requires outside water supply. The module comprises a hot water tank with a transfer pump, instruments for monitoring and control. The unit consists of a shell and tube heat exchanger, and a service module.

Experiments:

Determination of heat transfer coefficient.
Effects of flow rate and temperature difference.
Demonstration of heat transfer under parallel and counter flow.

Technical Specification :

Technical Data:

Construction: Stainless steel tubes with clear acrylic casing.
Service module consisting of:
Flow meters: Hot water and cold water.
Hot water tank and pump.
Temperatures: 5 ea.
Heater: 3000 W.
Power supply: 220V 1Ph 50 Hz.



Laboratory Instrument India