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Product Name :
Jacketed Vessel Heat Exchanger

Product Code :
LBNY-0002-710015



Description :

Jacketed Vessel Heat Exchanger

Technical Specification :

Jacketed Vessel Heat Exchanger

Jacketed Vessel Heat Exchanger: Allows the study of heat transfer between hot water flowing through a jacket and the cold water contained in a vessel.

In most industrial processes including reactors, heat is to be added or extracted to control the process. The addition and removal of heat is done by passing steam or water in a jacket fitted to the outside of the vessel or passing steam or cold water in helical coil inside the vessel.

For effective heat transfer and even distribution of heat, the liquid inside is continuously agitated. The present set-up offers us a comparative study of Jacket & Helical coil, which can be operated simultaneously.

It is a stainless steel jacketed vessel with helical coil of copper is fitted inside. A variable speed stirrer is fitted in the vessel. Variation in temperature of inside water is measured and is noted. Set-up is fitted with steam traps for condensate collection.

Flow rate of water can be controlled and measured using valve and Rotameter. Temperature of inlet and outlet of both hot & cold fluids are measured by temperature sensors

Jacketed Vessel Heat Exchanger, Jacketed Vessel Heat Exchanger Equipments, Jacketed Vessel Heat Exchanger Tools, Jacketed Vessel Heat Exchanger Tool Kits, Jacketed Vessel Heat Exchanger Manufacturers, Jacketed Vessel Heat Exchanger Suppliers from India, China, Kenya



Laboratory Instrument India