

Product Name :
Heat Transfer Demonstrator

Product Code :
NLAB-ENGINEERINGLB54033



Description :

Heat Transfer Demonstrator

Technical Specification :

- Controlling heat levels of fluids through industrial process operations is a very common requirement which has resulted in various heat exchanger configurations unique to specific applications.
- The Heat Transfer Demonstrator with a view to showing differences in efficiency depending on exchanger design, material of construction, flow direction or pattern, and flow velocities.
- Heat Transfer Demonstrator is a self contained unit complete with flow and temperature indicators and controllers.

Equipment Specifications:

- Entire unit mounted on metal structure with casters.
- Two pumps for hot and cold fluid.

- Manifoldd with valving to accommodate reverse flows.
- Water heater with storage tank.
- Refrigerant type water chiller with storage tank.
- Flow meters and controllers on both phases.
- Digital thermometers on inlet and discharge of flows.
- Four various heat exchangers.
- Brazed plate exchanger.
- Single pass tube and shell – brass.
- Single pass tube and shell – stainless steel.
- Four pass tube and shell.
- All non-moving parts will be powder coated for durability and corrosion prevention.
- Approximate overall dimensions: 34" wide X 72" long X 72" high.
- Unit operates on 240 volt single phase power.

We are well-known manufacturers, OEM suppliers of Heat Transfer Demonstrator for Applied Machines. Contact us for high quality Heat Transfer Demonstrator for Applied Machines for schools lab, college lab, universities, research labs, various teaching and workshop training laboratories and industries in India.

Naugralabequipments

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