

Product Name :
Finned Tube Heat Exchanger**Product Code :**
ALABS-A143-040**Description :**

Finned Tube Heat Exchanger

Technical Specification :

Finned Tube Heat Exchanger

To determine Heat transfer rate of heating & cooling.

To Calculate L.M.T.D.

To determine Overall Heat Transfer Coefficient Based on Internal & External Area of Tube.

To calculate Effectiveness of heat exchanger.

The experiments can be conducted at various values of input & calculation can be made accordingly.

Experimental Setup :

Double Pipe assembly with Longitudinal Finns for the max. heat transfer.

Heating Arrangement : Heat Exchanger provided along with geysers.

Rotameter for flow measurement of hot water. Range : 0 – 11 LPM

Air Blower with orifice for air supply & measurement.

Set of thermocouples.

Control Panel :

12 Channel Digital Temperature Indicator

Mains For Blower.

Switch For Heaters.

Service Required :

230 v Ac Supply 50 Hz Tap water @ 20 LPM

Weight : @ 90 Kg



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