

Product Name :
Heat Transfer From A Pin-Fin

Product Code :
ALABS-A143-024



Description :

Heat Transfer From A Pin-Fin

Technical Specification :

Heat Transfer From A Pin-Fin

The setup is designed to study the heat transfer in a pin fin. It consists of pin type fin fitted in duct. A fan is provided on one side of duct to conduct experiments under forced draft conditions. Airflow rates can be varied with the help of damper provided in the duct. A heater heats one end of fin and heat flows to another end. Heat input to the heater is given through Variac. Digital Temperature Indicator measures temperature distribution along the fin.

Experiment:

To study temperature distribution along the length of fin in both Free & forced convection

Comparison of theoretical temperature distribution with experimentally obtained distribution

Utilities Required:

Electricity Supply: 1 Phase, 220 V AC, 5 Amp.

Table for set-up support



Equipments Exporters

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