

Product Name :
HEAT TRANSFER FROM A PIN FIN

Product Code :
TRANSFORMER001



Description :

HEAT TRANSFER FROM A PIN FIN

Technical Specification :

To study the temperature distribution along the length of a pin fin in natural & forced convection.

- To calculate Gr, Pr & Nu number in natural convection.
- Calculate Re, Pr & Nu number in forced convection.
- Calculate the value of h & obtain the temperature at various locations along the length of the fin in natural & forced convection.
- Calculate the values of heat transfer rate from the fin & the fin effectiveness in natural & forced convection.

The experiments can be conducted at various values of μ and calculation can be made accordingly.

CONTROL PANEL :
1. 01 Channel Digital Temperature Indicator
2. Dimensional μ , P.A.
3. Main On/Off Switch
4. Voltmeter 0-250 V
5. Ammeter 0-5 A

6. Silver On/Off Switch.

EXPERIMENTAL SETUP :

1. Sand Water Assembly
2. Pin Fin Fan
3. Square Tin with orifice & manometer arrangement for measurement
4. Clock or watch to be used

5. Set of thermocouples

SPACE REQUIRED :

1.5 m (L) x 1.0 m (W) table top

Service Required :

220 V Ac Supply 50 Hz

We are well-known manufacturers, OEM suppliers of HEAT TRANSFER FROM A PIN FIN for HEAT TRANSFORMER LAB. Contact us for high quality HEAT TRANSFER FROM A PIN FIN for HEAT TRANSFORMER LAB for schools lab, college lab, universities, research labs, various teaching and workshop training laboratories and industries in India.

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