

Product Name :
Cooling Tower Test Rig

Product Code :
Conditioning Lab0007



Description :

Cooling Tower Test Rig

Technical Specification :

This Laboratory scale working model housed on a M.S. Square tube frame along with instrumentation panel is used To determine i) the tower characteristic (KVA/L Value), ii) The made up water flow rate and iii) To plot end states on a psychometric chart which can be used to draw energy balance.

01. Cooling Tower

- a) Size : 250 x 250 mm
- b) Height : 1000 mm
- c) Material : Aluminum body with acrylic frame
- D) Packing Sheets : Perforated Aluminum corrugated

02. Blower

- a. Capacity : 1HP
- b. Make : Any reputed make.

03. Geyaser

- a. Capacity : 3KW
- b. Make : RACOLD/ BAJAJ

04. Psychometrics Gun

- a) Material : Acrylic

05. Digital Temperature Indicator:

- a. No. of Digits : 4 Digits
- b. Range : Ambient to 200

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- c. Resolution
 - 06. Thermocouples
 - a) Length : 1 Mtr.
 - b) Type : Cr. Al
 - c) Sheathing : Wire mesh sheathing
 - 07. Air Flow measurement : U Tube Manometer
 - a. Material : Glass
 - b. Size : 300mm
 - c. Media : Mercury
 - 08. Water flow measurement : Rotameter
 - a. Range : 0 to 60 cc/sec
 - 09. Calibrated water tank
 - a. Material : S.S/18 Swg
 - b. Size : 200 x 250
 - 10. Starter
 - a. Make : Crompton/Any Reputed Make.

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