

Product Name :
Forced Draught Cooling Tower

Product Code :
EEZ0019



Description :

Forced Draught Cooling Tower

Technical Specification :

Range Of Experiments

- To determine Volumetric mass transfer coefficient ($hd.a$) for air, water
- system in a cooling tower.
- To study the temperature distribution along the height of the tower.

- The experiments can be conducted at various flow rates of Air & Water & calculation can be made accordingly.
- Experiment can be conduct on both Induced & Forced Draught condition.
- To determine & compare the efficiency of the tower from Induced & Forced Draught condition.

Experimental Setup :

- Heater Assembly.
- Cooling Tower size : 300 mm x 300 mm x 1200 mm.
- Packing : Expanded wire mesh (Two sets).
- Rotameter : 1.1 – 11 LPM to measure inlet water flow.`

Induced draught axial flow fan.

- Blower : Centrifugal type 3 HP.
- Orificemeter : To measure air flow.
- Water circulating pump.
- Set of thermocouples.

Control Panel :

- 12 Channel Digital Temperature Indicator
- Switches for Pump, axial fan, heater,Etc.
- Main On/Off Switch for blower

Civil Mechanical India

Website: www.civilmechanicalindia.com, **Email:** export@civilmechanicalindia.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773