

Product Code . EL-RAACLE-11507

General Cycle Air Conditioning Test Rig



Description

General Cycle Air Conditioning Test Rig




The A.C. test rig works on simple vapour compression refrigeration cycle using a refrigerant. The system is fabricated such that student can study all the air conditioning processes. All the components are mounted on the display board, so that students can observe their working easily. It is also useful to understand working of all the components of system, their performance and control etc.

List Of Experiments:-

- To plot the refrigeration cycle on P-H & T-S charts.
- To evaluate the tonnage capacity of the air conditioning system by enthalpy difference method.
- To evaluate actual and theoretical C.O.P. of the system.
- To plot the psychometric processes on psychometric charts.

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