Product Name : Astra Scientific General Cycle Air Conditioning Test Rig

Product Code : Refrigeration0001



Description :

Astra Scientific General Cycle Air Conditioning Test Rig

Technical Specification :

The A.C. test rig works on

simple vapour compression refrigeration cycle using R-134a as a refrigerant. The system is fabricated such that student can study all the air conditioning processes. It is also useful to understand working of all the components of system, their performance and control etc.

All the components are mounted

on the display board, so that students can observe their working easily.

TECHNICAL SPECIFICATIONS:

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REIBAIGERANT	
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	L DISPLAY.
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RATHETSCURRENT		
RANDOVADENDOFIORMOROSIMPRESS	OR AND HEATER.	
RANDEG YHZOETAERROVIDED FO	OR COMPRESSOR	
MANTERIAL2 MM THICK CRCA		

POWER RING SATING

LIST OF EXPERIMENTS:

- 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 refrigeration cycle on P-H & T-S charts.
- To plot the psychometric processes on psychometric charts.



Astra Scientific

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