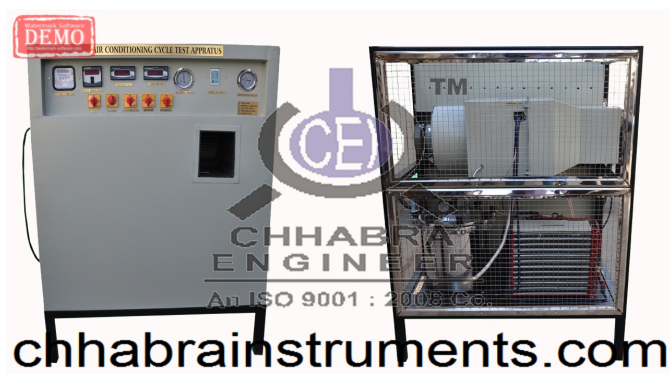


Product Name : " AIR CONDITIONING TEST RIG "

Product Code : " R.A.C 31 "



Description :

AIR CONDITIONING TEST RIG:-

DESCRIPTION:-

The Air Conditioning Test Rig unit is required to conduct experiments and demonstrate the process of cooling of atmospheric air. The unit Will be fitted with all instruments facilities so that temperature, pressure etc. may be measured at different points in the air conditioning system.

TECHNICAL SPECIFICATION	Description
Compressor	Hermetically sealed compressor made of Emers
Compressor Capacity	Compressor Capacity: 1 Ton
Condenser	Forced Convection air cooled
Condenser Fan Motor	Induction/Axial flow Type
Drier/ Filter	Molecular sieve Type
Expansion Device	Capillary Tube & Thermostatic expansion valve
Refrigerant flow measurement	Glass Tube Rotameter
Evaporator fan	Centrifugal/ axial flow type
Dehumidifier or reheater	Finned type air heater & Mini Boiler (Power 2kw)
Refrigerant	R-22
Temperature	6 Chanel facility with digital display
Construction Panel	wall Mounted M.S. Plate Fitt
Switch	Rotary switch for Fan. Rotary switch for Heater.

	Humidity control
Voltage	Single Phase 220 – 240 Volts 50Hz. AC Supply
Input Power	1.0 – 1.5 KW.
Indicating lamps	Should be provided for compressor and heater
Material	1.2 mm thick CRCA
Outer finish	Outer finish