

**Product Name :**  
Computerized Air Conditioning Cycle Test Rig

**Product Code :**  
RCTE0038



**Description :**

Computerized Air Conditioning Cycle Test Rig

**Technical Specification :**

Study unit for humidification, heating, cooling and dehumidification processes and plot them on Psychometric charts 0.5-1 TR. Hermetically sealed compressor. Air Cooled condenser made out of copper pipe & Aluminum fins capacity with fan cooling, Air calorimeter type evaporator. The air passed by a fan through duct. The expanded refrigerant passes through evaporator coils, fixed in the duct. The passing air comes in contact with the coils & gets cooled, Thermostatic expansion valve, Hand Shut Off type Service valve, Finned type heater for air heating, Air duct of size 250 x 250 make out of CRC sheet in which evaporator is fitted: Electrically fired small baby boiler for maintaining humidity of air with electrical heater 1 HP capacity centrifugal blower with air control arrangement. Blower set of thermocouples.