

Product Name :
Automotive Air Conditioner Training System

Product Code :
AIR-LABAST-006



Description :

Automotive Air Conditioner Training System, We are manufacturer, supplier, exporter and solution provider in quality Automotive Air Conditioner Training System

Technical Specification :

Automotive Air Conditioner Training System The structure of KR-270 is based on a real air conditioner of an automotive system. The evaporator is protected by plastic acrylic so that students can easily observe the internal structure of the evaporator. It also allows students to safely observe how fan door switches the function of air conditioner between cooler and heater when the system is operating.

The system adopts a three phase motor with varied speed to simulate the function of the engine so as to drive the air compressor.

The circulating water originally heated by hot engine for heater application is completed by an Integrated heating coil.

1. Testing the cooling capacity of the automotive air condition system

2. Testing the heating capacity of the automotive air condition system

3. Motor speed and refrigerating capacity experiment

4. Testing the relation between condenser capacity and radiator

5. Performance Testing for the plate heat exchanger

6. Estimation of refrigerant circulation- Understanding the principle of automotive air condition system

- Understanding the components in an automotive air condition system

- Understanding the difference between automotive air condition system

and building air condition system



Astra Scientific

www.astrascientific.com, **Email:** info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265