

Product Name :
Cooling Model

Product Code :
NJC0081



Description :

Automotive Air Conditioning and Heating System Trainer - for Automotive Lab, Automotive Testing Tab and Automobile Engineering Training Labs

Technical Specification :

Automotive Air Conditioning and Heating System Trainer Model Modular Panel Layout Graphic System Presentation of Automotive Air Conditioning and Heating System components with components location and identification like in the real vehicle. Air Conditioning and Heating System schematic panel that shows clearly the complete electrical wiring with test points available for measurement by Test lamps and Multimeter.

Automotive Air Conditioning Trainer Includes monitor to displaying the wiring diagram, thermometer, and measurement of pressure refrigerant. Front panel to help students see what they are controlling, designed to demonstrate construction, operation, and instruction for diagnosis and repair of air conditioning and heater malfunction. Demonstration model is made from original automobile air conditioner components and clearly shown to make all measurement needs.

Learning Objectives

Principle of operation, design, and handling

Vehicle air conditioning and heater system

Detection on typical faults

Use simulation of 6 system faults

Typical components of a refrigeration system

Refrigeration circuit as thermodynamic cycle

Determine the coefficient of performance

Determine the compressor pressure ratio

Comprehensive Courseware for both Teacher and Student

Experiments Manuals consist of : Installation and Maintenance Guide of the trainer, health and safety guidance, Background theory in Automotive Air Conditioning and Heating System circuits and components, Task objectives, Practical Task step by step instruction, Question with Answer sheets, Student Job sheets

Naugra Export

Website: www.naugraexport.com, **Email:** sales@naugraexport.com

Address: 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, 2601773