

**Product Code . JL-DSO-10356**

## Air Conditioner Test Rig



### Description

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#### Air Conditioner Test Rig

It is precisely designed using high grade raw material and ultra modern machinery at our vendors' unit in adherence with the industrial set norms and standards.

We conduct various quality inspections at our unit in order to ensure optimum quality, performance, durability and easy operations of our Air Conditioner Test Rig.

We offer it to our clients at pocket- friendly prices and strive to deliver it on time.

This unit consists of a hermetically sealed compressor with air cooled Condenser.

A capillary or expansion valves are next to condensers followed by medium temperature evaporators.

Electrical energy supplied to the compressor can be measured by energy meter.

#### Experiments:-

To calculate the COP of unit.

To calculate the refrigerating effect and HP of unit.

To determine the sensible heat factor of air.

#### Technical Specification:-

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High Pressure Gauge:- 01

Low Pressure Gauge:- 01

Temperature Indicator:- 01 Multi channel

Sensors:-

Sensor:- 05

Name of Sensor:- PT 100

Position of Sensor:- Condenser Input, Condenser Output, Evaporator Input, Evaporator Output, Blower

Compressor:- Hermetically sealed compressor Single phase 220/230V

Condenser:-Fined Tube type air cooled condenser

Evaporator:- Fins and copper tube type cooling coil of suitable capacity (1TR)

Refrigeration:- Fan Blower

Set:- Standard make

Rotameter:- To measure the flow of liquid refrigerant gas

Electrical Control:Main Switch, Wattmeter, Amp. Meter Digital Panel type,

Digital Temperature:- Provided with sensor for various Temperature Indicator application.

Voltage:- Single Phase 220 Volts 50Hz. AC Supply

Manual:- Operation and maintenances manual provided along with the supplied equipment.

The whole Set-up is mounted on a sturdy frame with control panel.

**Air Conditioner Test Rig Manufacturer India, Air Conditioner Test Rig Exporters, Electrical Equipment Air Conditioner Test Rig, Buy Air Conditioner Test Rig, Buy Air Conditioner Test Rig Online India, Lab Exporters India, Electrical Training Equipment Exporters and Educational Equipments, Electrical Training Equipment Suppliers, Electronics Instruments and Equipments Manufacturers**

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