

Product Name :
Split Air Conditioner Test Rig**Product Code :**
ALABS-A88-001**Description :****Split Air Conditioner Test Rig**

The Air Conditioning Take a look at Rig unit is required to habits experiments and reveal the method of cooling of atmospheric air. The unit will probably be equipped with all contraptions services in order that temperature, power and so forth. could also be measured at completely different factors in their conditioning device.

Experimentation:

- To check the Vapour Compression air-con cycle.
- To Calculate Co-environment friendly of efficiency-(COP) by way of P-H diagram.

Utilities Required

- Electrical provide Single Section, 220 V AC, 50 Hz., 10 Amp.

- Ground house : 2 m x 1m

Technical Small print

Compressor Hermetically sealed compressor.

Capability 1 Ton, Kirloskar make.

Condenser Suitable to 1 Ton compressor

Condenser Cooling fan with everlasting lubricated motor.

Power Gauges

Evaporator to 1 Ton, made from copper tube and aluminum fins equipped with appropriate capability fan.

Security Keep over pressure safety for compressor with compressor with Time extend circuit.

Capillary Tube of appropriate capability.

Temperature Sensor Kind.



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