

PLC and computer operated Refrigerator Test Rig

Model no: AT_R&AC-0020



Photo is indicative purpose, actual product is may differ as per tender requirement

Introduction

Being a client-centric organization, we are engaged in offering a distinct collection of Refrigeration trainer. Our skilled professionals manufacture this trainer using well-tested raw-material and latest technology. In addition to this, our offered trainer is rigorously tested by our quality controllers against diverse parameters in order to deliver a flaw-free range at client's end. Moreover, the offered trainer is extensively appreciated by our clients for featuring variegated attributes like optimum quality and durability.

Features:

- Noiseless & hassle-free operation
- Long service life
- Low maintenance cost

Experiment

- Identify components of a refrigeration unit
- State need for eco-friendly refrigerant gas
- Study of a typical refrigeration cycle
- Calculate COP at various loads

Component list

- Compressor Hermetically Sealed
- Refrigerant R314a
- Capacity 0.3 T
- Air cooled condenser with fan: 1
- Capillary expansion device
- Air cooled evaporator with fan: 1
- Transparent acrylic chamber with louvre: 1
- Pressure gauges: 2
- Temperature indicator: 1
- Temperature controller: 1
- Pressure Transmitter: 4
- Temperature transmitter with Sensors: 9
- Digital V meter and A meter: 1
- PLC with software
- 16 channels, 10-bit ADC
- PC with color monitor: 1

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