

Product Name :
Refrigeration Test Rig

Product Code :
Conditioning Lab0008



Description :

Refrigeration Test Rig

Technical Specification :

This Laboratory scale working model housed on a M.S. Square tube frame and further mounted on a wheels (CI) with instrumentation panel is used i) To study the vapor compression refrigeration cycle ii) To calculate Co-efficient of performance (COP).

01. Hermitically Sealed Compressor

Capacity : 1/3 Ton

02. Air Cooled Condenser

Capacity : 1/2 HP

03. Condenser Cooling Fan

Capacity : 1/83 HP

04. Rotameter

R 134a Gas (Echo Friendly Gas) : 1 No

05. Hand Shut Off Valves

Size : 1/4"

06. Filter Drier : DM 50 1/4 "

07. Energy Meter : 1 NO.

08. Thermostat : 1 NO

09. Pressure/compound Gauges:

1 NO. Each Range : 0 to 300 psi/-30" Hg to+150 psi

10. Measuring Instruments

a) Digital Temperature Indicator : -30 to 199.9 deg. C.
Optional : At Extra Cost Line Voltage Corrector
Capacity : 2KVA
Output : 230V+/- 10%

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