

Educational Lab Equipments







Product Code . EL-EELE-11283

Cold Storage Plant

Description

Cold Storage Plant

Experimental Setup:

- Storage Room: 4 Ft x 4 Ft x 4 Ft with double wall insulated. Suitable small door for the cold storage.
- Evaporator : Air passed evaporator made out of copper pipe & Aluminum fins of matching capacity with fan cooling.
- Compressor : Hermetically sealed compressor.
- Condenser: water Cooled condenser made out of copper coiled pipe & pressurised water shower of matching capacity with fan cooling.
- Pressure Gauge: 2 Nos. for H.P., L.P. measurement suitable filter/drier.
- Hand Shut Off type Service valve.
- Expansion device: Thermostatic expansion valve (Danfoss make).
- Energy Meter: For power measurement of compressor.
- Rotameter for Refrigerant flow measurement.
- Set of thermocouples.

Control Panel:

- Switches: For compressor, condenser fan, & air circulating blower water Pump.
- Voltmeter : 0 − 500 V.
- 12 Channel Digital Temperature Indicator.
- HP-LP Cutout : Make Ranco /Danfoss or Equivalent.
- Ammeter: 0 15 A.
- Thermostat : Ranco or equivalent.

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