



Product Name : " Cold Storage Trainer "
 Product Code : " R.A.C 33 "



Description :

Cold Storage Trainer:-

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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. This Test Rig is used to perform the following experiments.

TECHNICAL SPECIFICATION	DESCRIPTION
Compressor	Emerson / Tecumshah Hermetically sealed com
Compressor Capacity	0.8 Ton

Condenser	Suitable for above compressor with suitable cooling copper Tube Air Cooled.
Structure Size (Inner)	30mm x30mm x 48mm (Approx.)
Cold Storage Room	Inner chamber GP Sheet & Outer Stainless steel
Expansion Device	Capillary Tube & Filter / Drier
Pressure Gauge	2 Nos. for high and low pressure
Service valves	4 Nos. Hand set valve
Refrigerant	Freon – 12 /134a
Rotameter	Suitable for Compressor capacity Glass tube Rotameter
Control Panel	<ol style="list-style-type: none"> 1. Main Switch 2. Voltmeter Digital type – 1 Nos. 3. Amp. Meter Digital type – 1 Nos. 4. Energy Meter for Compressor input. 5. Switches Indication Lights etc. 6. H.P. / L.P. cut out 7. Digital Temperature Indicator: 5 Nos. 8. Temperature Sensor (Thermocouple) : 5 Nos. 9. Voltage - Single Phase 220 Volts 50Hz. AC