

**Product Code . EL-EELE-11284**

## Water Chilling Plant



### Description

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#### Water Chilling Plant

Experimental Setup:

- Evaporator : Copper Coil Limpeted water jacket. The evaporator is insulated from outside to prevent heat loss.
- Expansion device : Capillary Tube.
- Compressor : Hermetically sealed compressor.
- Condenser : Air Cooled condenser made out of copper pipe & Aluminum fins of matching capacity with fan cooling.
- Energy Meter : for power measurement of compressor.
- Pressure Gauge : 2 Nos. for H.P., L.P. measurement.
- Suitable filter/drier.
- Hand Shut Off type Service valve.
- Rotameter for Refrigerant flow measurement.
- Set of thermocouples.

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#### Control Panel:

- Switches : For compressor & condenser fan.
- Voltmeter : 0 – 250 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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