Product name:	Product code:
Water Cooler Test Rig	RLE-0004



Description

Water Cooler Test Rig

Technical specification

- Experiment Test Rig (Refrigeration Cycle) to conduct experiment to determine the coefficient of performance of the unit.

Range Of Experiments:

- To demonstrate the basic Vapour Compression Cycle of Refrigeration.
- To Study all components used in refrigeration cycle.
- To determine the Refrigeration effect, Work output, Actual C.O.P, Carnot C.O.P, Theoretical C.O.P.

Specification:

- **Compressor: -** Hermetically sealed compressor having cooling capacity of (as per water cooler) Emerson or Equivalent.
- **Condenser:** Air cooled condenser made up of copper pipe & Aluminum fins
- of matching capacity with fan cooling. FHP fan motor with fan blade is provided.
- **Evaporator: -** Material: S.S.Tank, Capacity: 15 liters.

Capillary Tube:

- Diameter : suitable
- Material : copper

High Pressure and low pressure Gauge:

- Make: Wika or Equivalent.
- Range 0-300 PSI High Pressure Gauge.
- Range -30 to 150 PSI Low Pressure Gauges.

Multipoint Temperature Indicator:

- Range 0 to 250 °C,
- Provided with cold junction compensation.

Service Required:

Single phase 230 V AC, 6 Amp supply.

- Space required: floor space 2 mtr x 1 mtr.

Water Cooler Test Rig that is used to demonstrate the basic vapor compression cycle of refrigeration. Only high quality raw material is used while manufacturing the offered rig, for increased compliance with industry standards of quality. The offered rig is highly appreciated among clients for its high quality and compact design. Apart from this, our rig is offered in different specifications and can be customized, as per precise needs of our clients.

NAUGRA®
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Email us at: export@civilmechanicalindia.com

Features:-

- Easy to use
- Hassle-free performance
- Low maintenance

Water Cooler Test Rig: