

**Product Name :**  
Mechanical Heat Pump**Product Code :**  
ALABS-A104-111**Description :****Mechanical Heat Pump**

To determine the COP and Tonnage capacity of a Mechanical Heat pump.

Apparatus Used : Compressor, Condenser, Evaporator, Capillary Tube, Ammeter, and Voltmeter.

A Heat Pump consists of following components.

1. **Compressor:** -
2. **Condenser:** -
3. **Receiver Tank:** -
4. **Expansion service:** -

5. **Evaporator:** -

6. **Calorimeter:** -

**Theory:** -

A mechanical heat pump is mechanical equipment which is used to supply the heat to the system, where it is installed, and maintain its temperature more than that of surrounding. Mechanical heat pump absorbs heat from surrounding (atmosphere). Work input to a heat pump is supplied by compressor.



## **Equipments Exporters**

**Website:** [www.equipmentsexporters.com](http://www.equipmentsexporters.com), **Email:** [sales@equipmentsexporters.com](mailto:sales@equipmentsexporters.com)

**Address:** 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084