

**Product Name :**  
Mechanical Heat Pump

**Product Code :**  
EEZ0022



**Description :**

Mechanical Heat Pump

**Technical Specification :**

## Mechanical Heat Pump Manufacturer

### Mechanical Heat Pump

**Aim :**

This laboratory scale working model

---

housed on a M.S. Square tube frame further mounted on a wheels (CI) with instrumentation panel is used

i) To study the performance of vapor compression Refrigeration system using water cooled condenser / water cooled evaporator

ii) Co efficient of performance (COP) of the system.

- Hermetically Sealed Compressor

-Capacity : 1/3 HP

- Condenser Type : Shell and coil with Refrigerant inside The tube
- Evaporator Water Cooled : Shell and coil with Refrigerant
- Rota Meter : 1 No Make : Eureka
- Hand Shut off Valves Size : ¼" Make : Kim/vanaz/equivalent
- Filter Drier Make : Danfoss/ equivalent
- Energy Meters Make : Bhel/indimeter/equivalent
- Thermostat Make : Danfoss / equivalent
- Compound Gauges : 1 NO Range : -30" Hg to +150psi Make : Fiebig/ equivalent
- Measuring Instruments a) Digital Temperature Indicator : 50 to 199.9°C
- Sump Tank

a) Capacity : Suitable

b) Material : S.S

## Civil Mechanical India

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

**Address:** 6148/6, Guru Nanak Marg, Ambala Cantt, Haryana, India, **Phone:** +91-0171-2643080, +91-0171-2601773