

Product Name :
Air Water Heat Pump Test Rig

Product Code :
EEZ0046



Description :

Air Water Heat Pump Test Rig

Technical Specification :

Air Water Heat Pump Test Rig

- To watch the working foremost of warmth pump cycle.
- To decide Precise cooling C.O.P, Carnot C.O.P., Theoretical C.O.P., Precise heating C.O.P., Relative C.O.P., Ton of Refrigeration And so on.
- To decide the effectivity of the warmth pump device.
- Study the working of refrigeration cycle additionally.

Experimental Setup :

- Compressor : ½ Tone, Hermetically sealed compressor, Make Emmulsion – Coplend/identical.
- Condenser : Coiled Tube Warmth Exchanger acts as a condenser. Copper coil is merged in water tank to chill down the fuel temp. Steady water drift circulation is required to extract the warmth of gases.
- Growth software : Thermostatic enlargement valve.
- Evaporator coil : Air Cooled evaporator constituted of copper pipe & Aluminum fins of matching capability with fan.
- Rotameter : For measuring liquid waft of Refrigerant
- Power Meter : For energy size of compressor.
- Power Gauge : 2 Nos. for H.P., L.P. size
- HP/LP cutout : 1 No. to swimsuit compressor.
- Provider valve needle sort : 1 No.
- Thermostat : 1 No.
- Appropriate filter

Panel :

- 12 Channel Digital Temperature Indicator
- Dimmerstat : 230 V. AC single segment for heating keep watch over
- Primary On/Off Swap.
- Voltmeter : zero – 250 V.
- Ammeter : zero – 15 A.

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Website: www.electricalelectronicsindia.com, **Email:** export@electricalelectronicsindia.com

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