Product name:	Product code:
Air Water Heat Pump Test Rig	EEZ0008



Description

Air Water Heat Pump Test Rig

Technical specification

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.

Air Water Heat Pump Test Rig Manufacturer
Experiment:

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 Arrange by.
To decide the effectivity of the warmth pump device.
Study the working of refrigeration cycle additionally.

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Experimental Setup :

Compressor : ½ Tone, Hermetically sealed compressor, Make Emmelsion – 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