

THM LAB



List of Equipments

Name of the Equipment

Technical Specification

Heat Pump Test Rig

Refrigeration Test Rig

Ice Plant Test Rig

Ri-circulating Type Air Conditioning
Test Rig

RAC Components Display Board

Demonstration models of window AC
and Split AC donated by Blue Star
Ltd.

Model cut section of reciprocating
compressor

600 WATT AT RATED TEST
CONDITIONS.

25KG OF ICE PER 24 HRS.

1000 Watt Finned type
1000 Watt Finned Type
1000 Watt water heater &
Cooker

Capacity : 1TR



Ice plant test rig



Refrigeration Test rig



Heat Pump Test Rig



Recirculating Type Air Conditioner

List of Equipments

Name of the Equipment

Thermal Conductivity of Insulating Powder

Thermal Conductivity of Metal Rod

Unsteady State Heat Transfer

Free Convection Heat Transfer

Forced Convection Heat Transfer

Emissivity Measurement

Parallel flow/Counter flow Heat Exchanger

Heat Pipe Demonstrator