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Product Name :
Refrigeration Trainer

Product Code :
LBNY-0005-11200066



Description :

Instruments are provided for measurement of temperatures, pressures and cooling water flow rates. The Refrigeration Trainer system requires outside water supply. A table top Refrigeration Trainer system is used to investigate energy balance at compressor, condenser and evaporator. Both the condenser and evaporator used water cooled heat exchangers.

Experiments:

Overall heat transfer coefficients for evaporator and condenser.
Familiarization with refrigeration cycle and components.
Effects of load variation.
Energy balances at evaporator and condenser.

Technical Specification :

Technical Data:

Condenser and evaporator : Co-axial coil.
Compressor : 0.37 kW.
Measuring instruments :
Pressure gauges.
Water rotameters : 2 ea.
Temperatures digital display.
Power supply : 220V 1Ph 50Hz.



Laboratory Instrument India