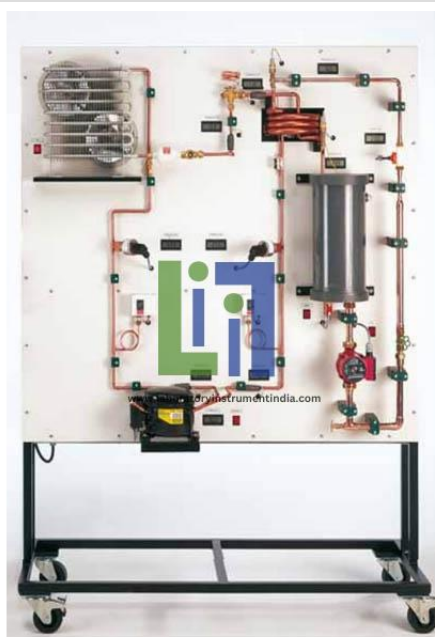




Email : sales@laboratoryinstrumentindia.com

Product Name :
Refrigeration Circuit With Variable Load Unit

Product Code :
LBNY-0005-125000111



Description :

Heater with controller to adjust the tank temperature
Record of all relevant measured values and display directly at the location of measurement
Investigation of a refrigeration circuit with water circuit as load
Water circuit with pump, tank with heater as cooling load at the evaporator
Refrigeration circuit with compressor, condenser with fan, thermostatic expansion valve and coaxial coil heat exchanger as evaporator.

Technical Specification :

Evaporator
Water volume: 0,8L
Refrigerant volume: 0,4L
Compressor
Refrigeration capacity: approx. 380W at 5/40°C
Pump
Max. Flow rate: 1,9m³/h
Max. head: 1,4m
Condenser
Transfer area: approx. 1,25m²
Fan power consumption: 4x 12W
Tank
Heater: approx. 450W
Volume: approx. 4,5l

Measuring Ranges

Temperature: 6x 0...100°C

Flow rate (water): 1x 0,05...1,8L/min

Pressure: 2x -1...15bar

Compressor power: 1x 0...750w.



Laboratory Instrument India