



Email : sales@laboratoryinstrumentindia.com

Product Name :
Heat Pump Trainer Unit

Product Code :
LBNY-0005-12500088



Description :

Refrigeration circuit with compressor, evaporator with fan, thermostatic expansion valve and coaxial coil heat exchanger as condenser
Record of all relevant measured values and display directly at the location of measurement
Hot water circuit with pump, tank and condenser as heater
Additional cooling via pipe coil in the hot water tank and external cooling water
Investigation of a heat pump with a water circuit as load.

Technical Specification :

Compressor
Coaxial coil heat exchanger (condenser)
Water content: 0,3L
Capacity: 372W at 7,2/32°C
Refrigerant content: 0,55L
Finned Tube Evaporator
Transfer area: approx. 0,175m²
Pump
Max. head: 1,4m
Hot water tank volume: approx. 4,5L
Max. Flow rate: 1,9m³/h
Measuring Ranges
Power: 1x 0...6000w
Flow rate (water): 1x 0...108l/h

Pressure: 2x -1...15bar

Temperature: 4x 0...100°C, 2x -100...100°C

Flow rate (cooling water): 1x 10...160L.



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