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**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. 0,175m<sup>2</sup>  
Pump  
Max. head: 1,4m  
Hot water tank volume: approx. 4,5L  
Max. Flow rate: 1,9m<sup>3</sup>/h  
Measuring Ranges  
Power: 1x 0...6000w  
Flow rate (water): 1x 0...108l/h

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Pressure: 2x -1...15bar

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

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



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