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**Product Name :**  
Changes Of State In The Refrigeration Circuit

**Product Code :**  
LBNY-0005-12700054



#### **Description :**

For better process monitoring the evaporator and condenser are of transparent design evaporator and condenser with pipe coil  
Temperature sensor, power meter, manometer in the refrigeration circuit, flow meter for hot and cold water and refrigerant  
Demonstration of the processes in a refrigeration circuit  
Safety valves at the evaporator and condenser  
Expansion valve in the shape of a float valve  
Pressure switch to protect the compressor.

#### **Technical Specification :**

Hermetic piston compressor  
Capacity: 18,3cm<sup>3</sup>  
Condenser capacity: approx. 2800mL  
Evaporator capacity: approx. 2800mL  
Measuring ranges:  
Power: 0...1200W  
Flow rate (water): 2x 0...48L/h  
Flow rate (refrigerant): 1x 0...700L/h  
Temperature: 8x -20...200°C  
Pressure: 2x -1...1,5bar.



**Laboratory Instrument India**