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**Product Name :**  
Central Heating System

**Product Code :**  
LBNY-0005-12500075



#### **Description :**

Electric boiler  
2 circulating pumps, 1 domestic water pump  
4 different radiators and additional plate heat exchanger as domestic water consumer  
Function and operating behaviour of a modern heating system with digital heating controller  
Measurement of temperature, pressure and flow rate  
4-way mixing valve and 3-way mixing valve  
Coloured pipes indicate feed and return flow.

#### **Technical Specification :**

Domestic Water Pump  
Max. Flow rate: 640L/h  
Max. Delivery pressure: 0.14bar  
Water meter: 2.5m<sup>3</sup>/h  
Power consumption: 20W  
Plate heat exchanger: 3kw, 10 plates.  
Electric Boiler, 4 stages  
Max. Feed temperature: 95°C  
Water tank capacity: 16l  
Power: 6-9-12-15kw  
Pump  
Max. Flow rate: 6L/min  
Max. head: 4m

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Power consumption: 70W

Measuring Ranges:

Pressure: 8x 0...2.5bar

Flow rate: 100...1.000l/h

Temperature: 3x 20...120°C / 2x 0...120°C / 2x 0...100°C / 4x 0...80°C.



**Laboratory Instrument India**