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**Product Name :**  
Conditioning Of Room Air Unit

**Product Code :**  
LBNY-0005-12500084



#### **Description :**

Determination of the volumetric air flow rate by differential pressure measurement using an inclined tube manometer

Combined sensors for the air humidity and temperature before and after each stage

Effect of typical air conditioning system components on the conditioning of room air

All components can be switched on and off individually

Sensor for the pressure and temperature of the refrigerant

Software with representation in the log p-h and h-x diagram

Air conditioning system with open air duct

Air conditioning system with air cooler, steam humidifier, fan, air preheaters and reheaters.

#### **Technical Specification :**

Steam humidifier

Steam capacity: 5,5kg/h, switchable in three stages

Power consumption: 4kw

Fan

Max. Volumetric flow rate: 1150m<sup>3</sup>/h

Speed: 1000...2600min<sup>-1</sup>

Power consumption: 167W

Dpmax: 460Pa.



**Laboratory Instrument India**