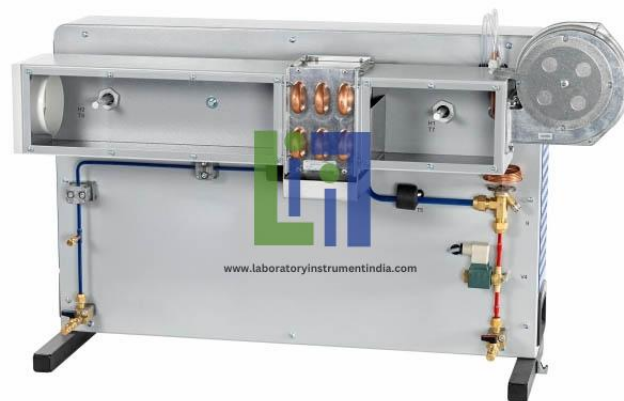




Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Model Of A Simple Air Conditioning Unit

**Product Code :**  
LBNY-0005-12500080



#### **Description :**

Model of a simple air conditioning system to plug onto the base unit  
Training system with HSI technology  
Radial fan with throttle valve  
Thermostatic expansion valve as expansion element  
Air duct with transparent front  
Evaporator as air cooler  
Thermostatic expansion valve as expansion element  
Sensors to record temperature and differential pressure for determining the volumetric air flow rate  
Radial fan with throttle valve  
Operation of individual components and of the system and fault simulation via software.

#### **Technical Specification :**

Evaporator as air cooler  
Air duct: 136x136x435mm  
Transfer area: approx. 900cm<sup>2</sup>  
Radial Fan  
Max. flow rate: 255m<sup>3</sup>/h  
Max. Power consumption: 80w  
Measuring Ranges  
Differential pressure: 0...10mbar  
Temperature: 2x -50...50°C, 2x 0...100°C.



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