



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Air Conditioning Study Unit With Climatic Chamber And Air  
Recycle Circuit

**Product Code :**  
LBNY-0005-1170009



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**Description :**

The working principle of the apparatus is the following: an air flow generated by a centrifugal fan enters a tunnel passing through a fluid thread rectifier. As the air passes through the tunnel it undergoes a series of treatments, until it arrives in the last chamber, which represents the environment to be conditioned. The Air Conditioning Study Unit With Climatic Chamber And Air Recycle Circuit has been developed for insertion in the most advanced educational subjects. Simplicity and clearness are the fundamental requirements that permit the teacher and students to operate without having to deal first with complicated utilization procedures. Before this last stage, it may be pre-heated and moisturized by water diffusers, to experiment on heating environments and to have the opportunity to vary as many parameters as possible for a complete study on air conditioning. The flow is pre-heated, then moisturized by steam diffusers it is cooled through the evaporator and sent to the final chamber.

**Technical Specification :**

Weight and Dimensions:  
Dimensions: 3300 x 500 x 1400 h mm  
Weight: 300 kg  
Required Services:  
Electric supply: 220/380 V three-phase, 50/60 Hz; 10 kW.

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# Laboratory Instrument India

