



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Ventilation Trainer

**Product Code :**  
LBNY-0005-11700066



**Description :**

The unit consists of a forward curved variable speed centrifugal fan and integral control console together with a rectangular air intake and filter holder.

A realistically scaled ventilation training unit capable of enabling students to study both basic airflow and fluid mechanics as well as the more complex process of commissioning and balancing a multi - ducted air distribution system.

Sufficient components are supplied with the unit to enable parallel branch and line balancing experiments to be undertaken. A minimum of 6 air supply points are provided that may be balanced on the assembled unit to supply a range of air flows.

A portable manometer, pitot static tube and hand held anemometer allow a large range of experiments to be undertaken.

The fan has a supply pressure of up to  $350\text{Nm}^{-2}$  and a flow rate of approximately  $1400\text{m}^3\text{h}^{-1}$  depending upon the blockage factor.

The fan discharges directly into a 200mm dia. galvanised steel duct and this connects directly to the distribution duct work.

**Technical Specification :**

Ventilation Trainer

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# Laboratory Instrument India

