



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 350Nm^{-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. galvanized steel duct and this connects directly to the distribution duct work.

Technical Specification :

Ventilation Trainer

Laboratory Instrument India

