



RADIAL FAN

RF 021

Description:

A radial fan is a device which takes in a medium to a drive shaft which is connected to a radial fan. The medium enters and discharges from the fan radially. The experimental unit provides the basic experiments to understand the operating behavior and the most important characteristic variables of radial fans. This unit features a radial fan with variable speed via a frequency converter, an intake pipe and a delivery pipe. The transparent intake pipe is fitted with guide plates for flow guidance and with a flow straightener to calm the air. The experimental unit is fitted with devices for pressure and temperature readings. The flow rate is measured via differential pressure measurement on the orifice plate. It is possible to replace forward and backward blades to compare their performance.

Specifications:

- Radial fan with variable speed
- Orifice for finding air flow rate
- Manometer
- Inlet and outlet ducts
- Electrical motor
- Thermometer
- Inverter
- Damper
- forward and backward blades
- Electrical box and other controlling system
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10-year warranty

Note: Direct contact with the sales department is required to confirm the last updated technical specifications and pictures.

Applications:

1. Operating behavior of a radial fan
2. Finding the efficiency of the unit
3. Obtaining the characteristic curve of fan for different flow rates and comparing them
4. Comparing forward and backward blades

Required For Operation:

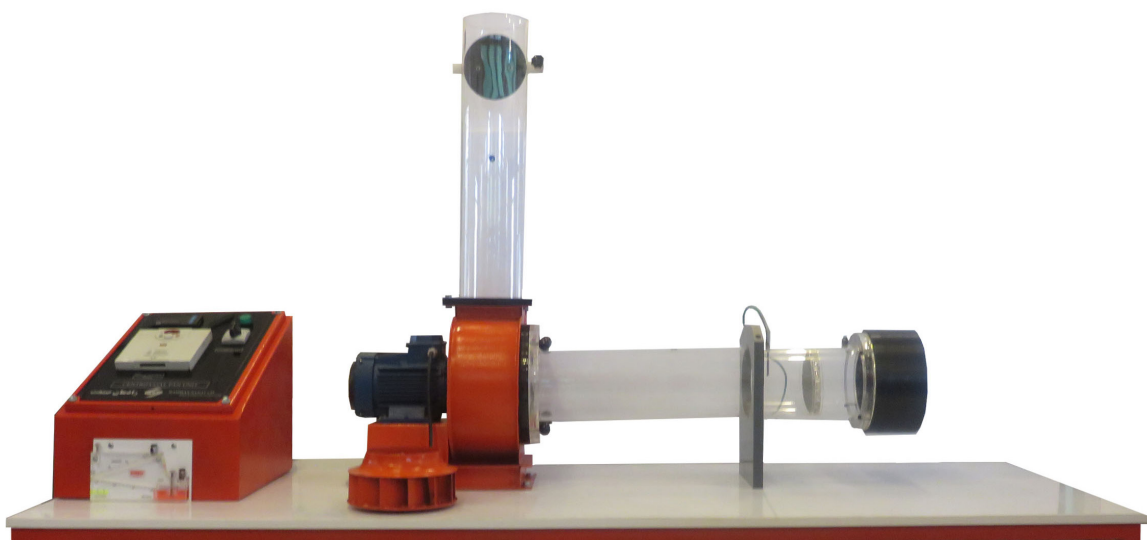
- 220V Single Phase Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%

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Dimensions (L*W*H) mm:1200x 500 x 1000

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