



VORTEX FORMATION

RF 023

Description:

RF023 is a comprehensive unit used for investigating vortices. Vortices are produced when velocity contours are large enough. This unit is composed of a relatively large plexi glass tank and perforated one which is completely suitable for generating parabolic shapes and vortices respectively. With the measuring instruments such as the tachometer, pitot tubes and the scales equipped with the devices, different experiments can be conducted using the device.

Specifications:

- Variable speed electromotor
- Point gauges for obtaining surface profile
- Rotameter
- Transparent cylindrical tank made of plexiglass
- Reservoir tank
- Centrifugal pump
- Control panel with switches and display
- Piping system with valves and fittings
- Tachometer
- Wheeled carbon steel structure
- Installation and training video included
- Instructions manual included
- 10 years warranty



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

Applications:

1. Generation and investigation of vortices
2. Observing the total head change along streamlines for rotational flow
3. Obtaining surface profile
4. Investigation of forced and free vortices of fluids

Required For Operation:

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



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Dimensions (L*W*H) mm:1300x 1300 x 1400

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