

SUBSONIC WIND TUNNEL (TEST SECTION : 45*45CM)

RW 123

Description:

Wind tunnel is a channel which passes air through in high velocity and can be used for investigating aerodynamics. In some units the air flow velocity can be raised up to 10 times the speed of sound. In wind tunnels the parameters which are obtained from the test model can lead engineers to find same parameters about real objects. This unit is a subsonic wind tunnel composed of inlet channel, nozzle, test section, diffuser and fan. This unit is also equipped with honeycomb located at the inlet for generating uniform flow.

Specifications:

- Test section with 45×45cm dimensions
- Fan with adjustable speed
- Arbitrary adjustable speed in incompressible range according to client's requirement.
- Honeycomb at the inlet
- Transparent test section
- Instrumentation devices and systems for measuring flow velocity
- Painted carbon steel wind tunnel body
- Electrical control panel with switches and displays
- 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. Experimenting subsonic airflow in channel
2. Observing airflow effect along various bodies
3. Finding drag coefficient for different geometries at different speed
4. Experiments related to boundary layer
5. Investigating effective parameters

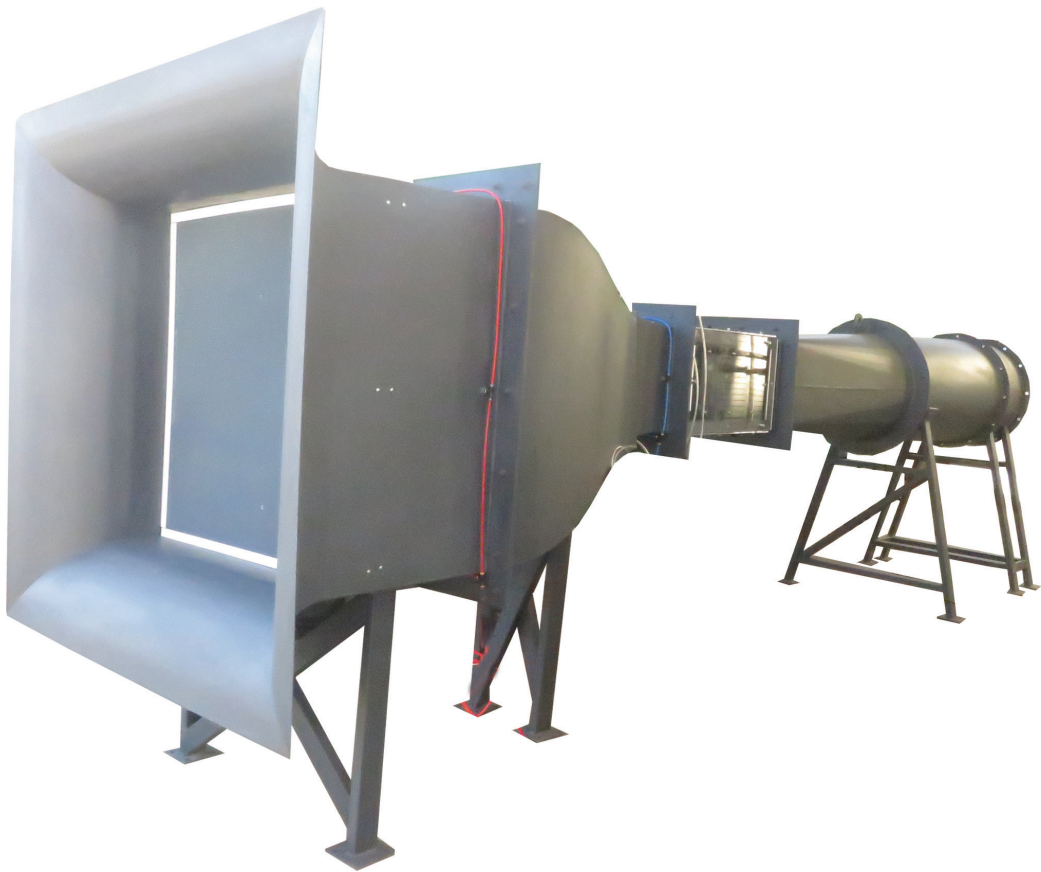
Required For Operation:

- 3-Phase 25 A Electricity
- Desirable Temperature (°C): 10-30
- Relative Humidity: 15% - 80%



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Dimensions (L*W*H) mm: 7000x 1700 x 2300

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