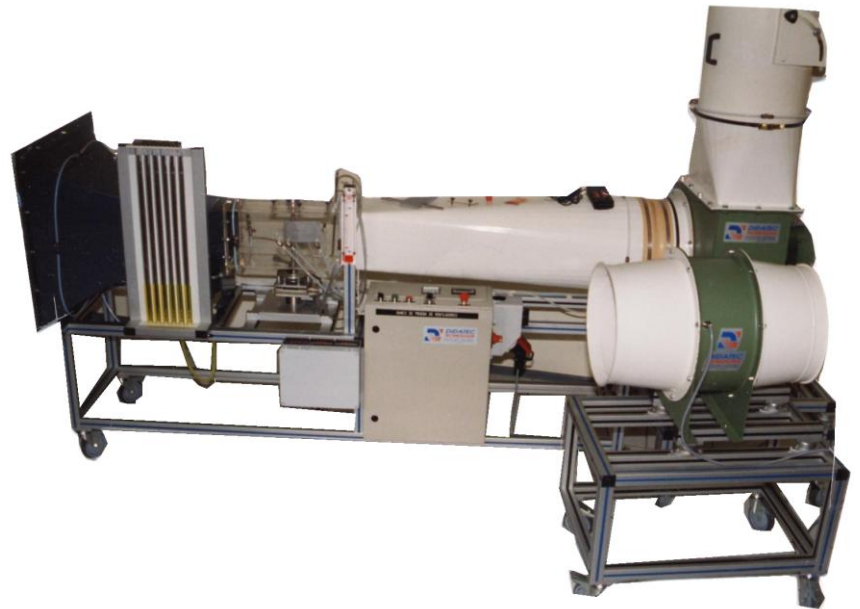


Aspiration wind tunnel

DESCRIPTION

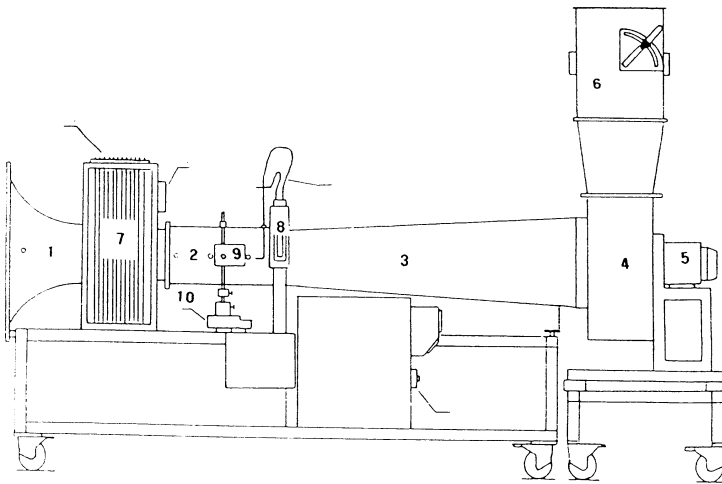
- The aspiration wind tunnel is complete with instrumentation.
- The unit includes a technical and instruction manual.
- Open circuit
- The unit consists of components that are easily separated and adapted to different test designs.



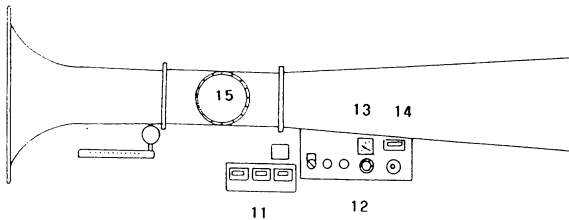
SUGGESTED APPLICATIONS

- Multiple aerodynamic studies are possible due to the accurate measurement of lift, drag and moment
- Measuring pitch relative to flow
- Measuring pressure and flow at different points in the pipe.
- Confirmation of Bernoulli's law
- Determination of Reynolds number.
- Demonstration of aerodynamic lines
- Study of axial and centrifugal fans.

VEA 102



- 1 Converging unit assuring a perfect flow
- 2 Transparent test pipe
- 3 Divergent with flexible connections
- 4 Centrifugal and axial fans
- 5 Electric engine with variable speed 0-2900 r.p.m.
- 6 Exhaust valve
- 7 Multitubes column manometer
- 8 Pitot pipe
- 9 Form to study : NACA, symmetrical and asymmetrical
- 10 Three components balance to measure the stress
- 11 Balance measuring indicators
- 12 Engine speed control
- 13 Speed indicator
- 14 Engine power indicator
- 15 Incidence indicator



UTILITIES

Electricity : 400 V three-phase – 50/60 Hz

DIMENSIONS

Length : 3700 mm - Width : 785 mm
Height : 1300 mm - Weight : 360 kg