Key Features

The Supersonic Wind Tunnel is intended for use in an Aerospace Engineering Laboratory to facilitate investigations into supersonic air flow around two-dimensional models. It will supplement compressible flow courses taught to students and support Final Year Design Projects/research.

Operating Conditions

- Operating Environment: Laboratory with high sound levels
- Storage Temperature Range: -25°C to +55°C (when packed for transport)
- Operating Temperature Range: 0°C to +45°C
- Operating Relative Humidity Range: 80% at temperatures 31°C decreasing linearly to 50% at 45°C

Technical Characteristics

- Wind Tunnel: Supersonic Wind Tunnel capable of operating at 2-3 different supersonic Mach Numbers up to a maximum Mach 2.0
- Type of Wind Tunnel: Blow-down type with an installed pre-heater to preheat the incoming air supply, avoiding condensation of air

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.