

Product Name : Educational Wind Tunnels	Product Code : Aerodynamics-0004
	
Description :	
Educational Wind Tunnels	
Technical Specification :	
• Test Section Dimensions – 12"x12"x24" (30.5cm x 30.5cm x 61cm) • Length – 15 feet (4.6m) • Width – 42 inches (1.1m) • Height – 6 feet (1.8m) • Weight – approximately 600 pounds (272 kg) • Power – 10 hp (7.5 KW) electric motor • Mobility – Four (4) industrial-grade steel casters with polyurethane wheels • Fiberglass Construction – Accurately-formed, rugged, and strong • Honeycomb Flow Straightener – Expanded aluminum, 4-inch deep hexagonal cells	

- **Turbulence-reducing Screens** – Two (2) 20×20 (mesh) stainless steel screens
- **Contraction Contour** – 9.5:1 proprietary contraction
- **Static Pressure Ring** – Non-invasive access to test section static pressure used for airspeed indication
- **Test Section** – Anodized aluminum structure with integrated yaw table
- **Visibility** – Two (2) top-hinged Acrylic side doors and one (1) top window
- **Diffuser** – 6-deg included divergence angle with an expansion ratio of 1:3
- **Motor Control** – Variable Frequency Drive (VFD), configurable to all international Voltages
- **Noise Attenuator** – Integrated double-walled construction

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