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Product Name :	**Product Code :**
Educational Wind Tunnels	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 propietary 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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