

**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

## Naugra Export

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