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| <b>Product Name :</b><br>Educational Wind Tunnels   | <b>Product Code :</b><br>Aerodynamics-0004 |
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| <b>Description :</b>  |  |
| Educational Wind Tunnels  |  |
| <b>Technical Specification :</b>  |  |
| <ul style="list-style-type: none"><li>• <b>Test Section Dimensions</b> – 12"x12"x24" (30.5cm x 30.5cm x 61cm)</li><li>• <b>Length</b> – 15 feet (4.6m)</li><li>• <b>Width</b> – 42 inches (1.1m)</li><li>• <b>Height</b> – 6 feet (1.8m)</li><li>• <b>Weight</b> – approximately 600 pounds (272 kg)</li><li>• <b>Power</b> – 10 hp (7.5 KW) electric motor</li><li>• <b>Mobility</b> – Four (4) industrial-grade steel casters with polyurethane wheels</li><li>• <b>Fiberglass Construction</b> – Accurately-formed, rugged, and strong</li><li>• <b>Honeycomb Flow Straightener</b> – Expanded aluminum, 4-inch deep hexagonal cells</li></ul> |  |

- **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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