



Air Structures for Multiple Sports Venues

Featured at Harvard University and Middlebury College



Anchorage Alaska

Anchorage, AK, 601'L x 290'W x 85'H



Chula Vista Resort

Wisconsin Dells, WI, 380'L x 220'W x 65'H

Yeadon has over 30 years experience in designing, engineering, manufacturing, and installing air-supported structures with wide, clear, and uninterrupted spans. A width up to 360 feet is possible by any length.

Yeadon[®] has an impressive list of over 1,000 satisfied clients-with many repeat customers-from the United States, Canada, United Kingdom, China, Korea, and more. We have earned the reputation as the industry leader by always providing the highest quality products, support, and service.

Applications

Harvard University, Middlebury College, the University of Cincinnati, St. Cloud State University, and Boston College are just some of our high profile customers who use air structures for multiple sport facilities.

Yeadon[®] air structures are ideal for permanent and seasonal applications. Typical uses included tennis, golf, football, soccer, field hockey, ice hockey, baseball, cricket, and more! A multi-sport facility will provide flexibility. More than one sport can be set-up in the structure providing maximum year round utilization of the facility.

Standards:

Yeadon[®] structures meet and exceed industry standards, including Air Structures Design and Standards Manual ASI, ASCE, CSA, CAN-S109 and NFPA 701.

Technical Support:

Design, construction advice, specifications, preparation of tenders and bids, and a 24 hour hot-line service, are all part of Yeadon's[®] services.



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Specifications:

- **Clear Spans:** up to 360' (110 meters) wide by any length
- **Outer Fabric:** 28oz and 32oz per square yard, high quality, high tensile, flame resistant, PVC coated, polyester fabrics are available as translucent or opaque with a 10-year pro-rated fabric warranty.
- **Finishes:** standard acrylic or Arkema Kynar® protective coatings are available. Kynar® coated fabrics have a 15-year pro-rated fabric warranty.
- **Inner Thermal-Acoustic Liner:** 16 oz per square yard, high strength, PVC coated, polyester fabric with Yeadon® high gloss finish in white, blue, green, or your choice of customized colors.
- **Mechanical Systems:**
 - **Furnace/Inflation/Standby** – Yeadon® features an all-in-one combination mechanical unit, which is custom designed, quiet, and supplied with stainless steel heat exchangers (ETL and CGA approved). This unit comes complete with remote station controls to operate and maintain the air structure, and can be designed for underground ducts or direct discharge.
 - **Standby Unit** – incorporate built-in or secondary fan systems for low pressure. A separate independent engine-driven fan for power failures.
 - **Air Cooling Units** – designed for specific site conditions are available as an option.
 - **Controls** – The Wind Sensor, Snow Sensor, and Full Automation Control is the most advanced automatic control available. It uses modern computerized controls for interior pressure, heating, and monitoring.
- **Insulation:** Yeadon® offers its R-Plus insulated structures for permanent installations. R-Plus structures are available up to R-14.
- **Base Channel:** Our exclusive extruded anodized aluminum channel ensures a virtually airtight, low cost attachment when cast into the concrete grade beam.
- **Doors:** Heavy-duty, high quality, and preassembled exit doors, revolving doors, car and pedestrian air lock door units are available. They all come complete with exit lighting and hardware.
- **Air Locks:** Heavy duty, fabric covered steel frame vehicle airlocks for vehicles and pedestrians, supplied with electrically operated steel roll-up doors.
- **Lighting:** Yeadon's® high intensity metal halide indirect lighting systems utilize the most efficient optical reflectors to provide maximum lighting uniformly on the playing surface. The fully faceted, heavy duty, impact resistant, glass finished optical assemblies provide energy efficiency with maximum levels of illumination and minimum maintenance.

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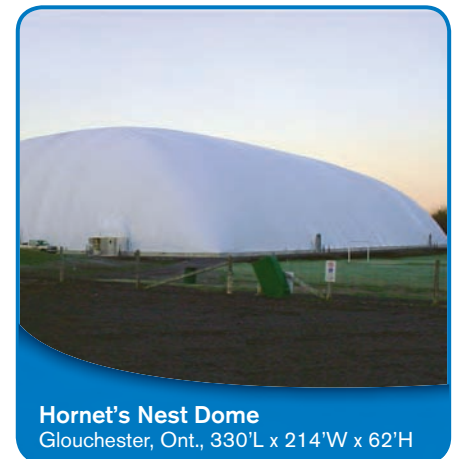
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Hornet's Nest Dome

Gloucester, Ont., 330'L x 214'W x 62'H