



Football Air Structures

Featured at the University of Texas, Austin and Boston College



University of Texas Longhorns Dome
Austin, TX, 384'L x 184'W x 55'H



Boston College Sports Field Dome
Chestnut Hill, MA, 389'L x 194'W x 60'H

Yeadon® is the industry leader in air-supported indoor football structures and has numerous structures worldwide that allow year round football play.

Over 30 years experience constructing quality Air Supported Structures for sports, industry and construction, have earned Yeadon® its reputation as the industry leader. Our state-of-the-art energy efficient structures incorporate the latest innovations in design, anchoring, mechanical, electrical and proprietary control systems.

Features of Yeadon® structures include: Yeadon's® Aluminum Base Attachment Channel that is cast into the concrete beam for a quick and easy put-ups and take-downs, high profile sidewalls for maximum headroom, high gloss 16oz inner liner, highest quality doors, modern reflective lighting systems, with the industry leading computerized controls for maximum energy efficiency and ease of maintenance.

Yeadon's® customer list of football domes users includes many world-class teams including the NFL's Houston Texans and the Detroit Lions. Other customers include the NCAA's University of Texas Longhorns, Washington State University and Arizona State University. Our football structures can be found nation-wide because Yeadon® can meet the most demanding needs and specifications.

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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Washington State University

Pullman, WA, 392'L x 221'W x 66'H