

Solutions by

YEADON®



RICE & ARLINGTON SPORTS DOME
360' Diameter x 90' H Round Structure
St. Paul, MN



PITTSBURG STEELERS DOME
ARTHUR J. ROONEY ATHLETIC FIELD
200' W x 215' L x 66' H
Duquesne University, Pittsburg, PA

MULTI-SPORT AIR STRUCTURES

The Chicago Bears, New England Patriots, Pittsburgh Steelers, Boston College and the Detroit Lions all have one thing in common...they all chose Yeadon®!

Over 30 years experience constructing sports domes has earned Yeadon® its reputation as the industry leader in quality and technology. Our state of the art, energy efficient structures incorporate the latest innovations in design, anchoring, mechanical, electrical and proprietary control systems.

Professional and College teams, municipal and private sports demand low cost, wide, clear span weather proof structures to protect their practice playing fields and sports surfaces.

Yeadon® provides up to 360' (110m) wide by virtually any length, column free sports domes to meet the most demanding needs and specifications.

Yeadon also offers their **R-Plus** insulated permanent structures for maximum energy efficiency.

Standards:

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

Uses:

Yeadon Air Structures are ideal for both permanent and seasonal applications. Typical uses include football, tennis and racquet sports, golf, soccer, hockey, pools, cycling, and other sports.

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

Put a Yeadon Specialist on your Team

Yeadon Fabric Domes, Inc.
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AUGSBURG COLLEGE, MN
Covers Anderson-Nelson Athletic Field
Approximately 216" W x 360" L x 60" H



Interior is illuminated by protected floor mounted metal halide lights, providing indirect lighting to the playing area.

Specifications:

- **CLEAR SPANS** - up to 360' (110m) wide, by any length
- **OUTER FABRIC** - 28 oz or 32 oz/sq yd high quality Shelter-Rite® high tensile, flame resistant, PVC coated polyester fabrics (translucent or opaque), with 10 year pro-rated warranty
- FINISHES** - standard acrylic or Dupont Tedlar® protective coatings available
- **INNER THERMAL-ACOUSTIC LINER**- 14 oz/sq yd. high strength PVC coated polyester fabric with Yeadon® high gloss finish, in white, blue, or green. (custom colours also available).
- **MECHANICAL SYSTEMS** -
 - a) Furnace/Inflation/Standby - Yeadon® features their ALL-IN-ONE combination mechanical unit - custom designed, quiet, supplied with stainless steel heat exchangers, ETL and CGA approved, complete with remote station controls to operate and maintain structures, designed for underground ducts or direct discharge.
 - b) Yeadon® *Standby Units* - incorporate separate secondary fan systems for low pressure, with a separate engine - driven fan for power failure emergencies.
 - c) Air Cooling Units - designed for specific site conditions are available as an option.
 - d) Controls - Yeadon offers the most advanced automatic controls available, - the **Yeadon Wind Sensor Control** - using state of the art computerized controls for interior pressure, heating, and monitoring.
- **INSULATION** - Yeadon® offers its **R-PLUS** insulated structures for permanent installations. R-Plus structures are available from R-12.
- **BASE CHANNEL** - Yeadon® exclusive extruded and anodized aluminum channel is cast into concrete grade beams which ensures a virtually airtight low cost attachment of the structure to the concrete.
- **DOORS** - heavy duty high quality pre-assembled exit, revolving and pedestrian air lock door units, complete with exit lighting and hardware.
- **AIR LOCKS** - heavy duty, fabric covered steel framed vehicle airlocks for trucks etc. Supplied with electrically operated steel roll-up doors.
- **LIGHTING** - Yeadon high intensity metal halide indirect lighting systems, utilizes the most efficient optical reflectors, to provide maximum lighting uniformly on the playing surface. The fully faceted, heavy duty, impact resistant, glass finished optical assembly, provides energy efficiency characteristics for maximum levels of illumination and minimum maintenance.