

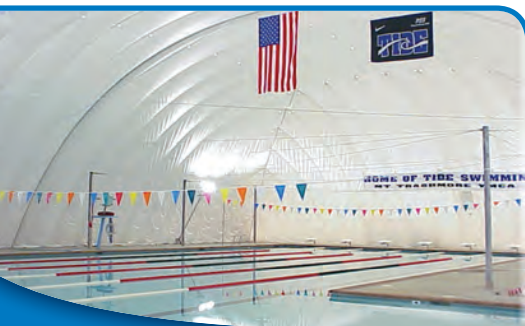


## Pool Air Structures

Featured at Mercer Island Country Club and Old Dominion Aquatic Club



**Mercer Island Country Club**  
Washington, DC, 107'L X 110'W x 30'H



**Mt. Trashmore YMCA**  
Virginia Beach, VA, 115'L X 90'W x 26'H

**Yeadon® is the industry leader in high quality air-supported structures for pools. Our pool domes can be used in virtually any climate condition.**

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 pool domes users includes many of world-class clubs. Some of our applications include Brown University, Hilton Head Island Recreation Center and Mercer Island Country Club. Our pool structures can be found worldwide 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.



## Pool Air Structures

### 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 products have a 15-year pro-rated warranty.
- **Inner Thermal Acoustic Membrane:** 16oz/sq yd. high strength PVC coated polyester fabric with Yeadon® high gloss finish, in white.
- **Mechanical Systems:**
  - **Furnace/Inflation/Standby** – Yeadon® features our 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 the structure, may be designed for underground ducts or direct discharge.
  - **Standby Units** – incorporate built-in or secondary fan systems for low pressure, with a separate engine-driven fan for power failure emergencies.
  - **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.
- **Base Channel:** Yeadon® exclusive extruded and anodized aluminum channel is cast into concrete grade beams which ensure a virtually airtight low cost attachment of the structure to the concrete.
- **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.
- **Lighting:** Yeadon's® high intensity metal halide indirect lighting systems utilize the most efficient optical reflectors to provide maximum lighting uniformly inside the dome. The fully faceted, heavy duty, impact resistant, glass finished optical assemblies provide energy efficiency with maximum levels of illumination and minimum maintenance.

### Website:

[www.yeadondomes.com](http://www.yeadondomes.com)

### Email:

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### CANADA

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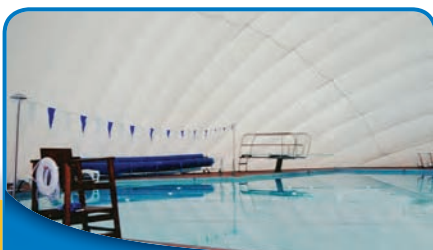
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**Mercer Island Country Club**

Washington, DC, 107'L X 110'W x 30'H



**Old Dominion Aquatic Club**

Chesapeake, VA, 135'L X 111'W x 34'H