

EDGE
INNOVATIONS INC.

Air Supported Structures

High-Quality Air-Supported Buildings
for a Wide Range of Industries.



Call us:
1-888-490-5995

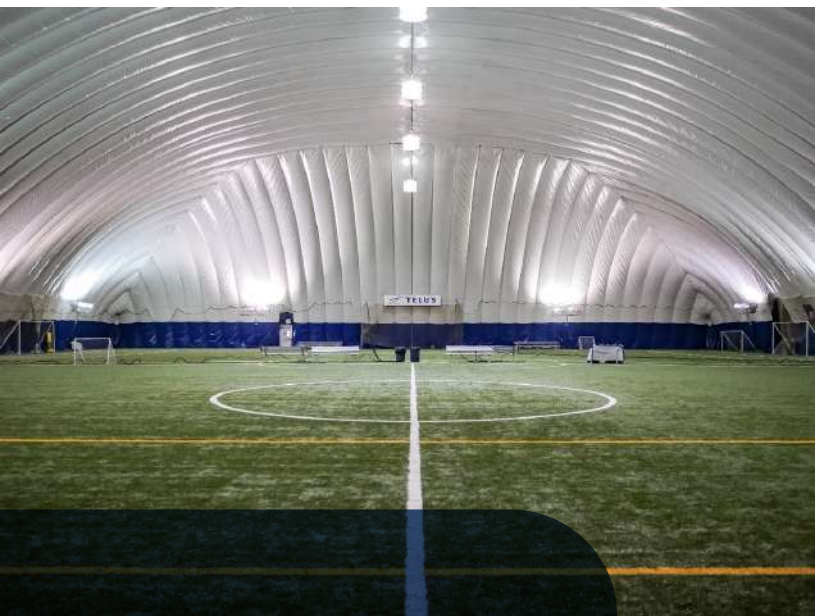
High-Quality Inflatable Dome Buildings

Edge is a contractor specializing in innovative building solutions, which means all of our structures, including our air-supported buildings, are explained in detail from an unbiased perspective, resulting in cost-effective construction.

Air-supported structures use internalized pressure to inflate fabric envelopes, using air as the primary support of the building. A high-quality way to decrease construction costs, air-supported structures like air domes are an excellent choice for **recreational and sports-related activities**, including:

- **Indoor golf**
- **Tennis**
- **Indoor soccer fields**
- **Running tracks**

Edge's customized air-supported buildings are an essential solution for gymnasiums and other dome structures where physical activity is the facility's main purpose. Thanks to its state-of-the-art structure for combatting inclement weather conditions like high winds and heavy snow loads, an air-supported building allows both professional and recreational teams to participate in activities with ease, regardless of the weather outside.





We provide the most sustainable air domes. A sustainable building means a reasonable investment, low operating costs and a quicker return on investment: **a win-win-win solution.**

Turn-key construction projects can be ready for use in less than 3 months and are completed at a significantly lower cost per square meter than any conventional building. The combination of the latest materials and technologies used in our air domes offers you low operating costs and a comfortable playing or controlled storage conditions inside the structure, regardless of weather.

Air domes provide great flexibility and can be used as a seasonal, permanent or temporary covering. Our structures are designed, manufactured and built to meet any local building codes and are able to withstand heavy snow, high or low temperatures and high winds in all types of environments. The dome is suitable to cover any sports field, warehouses, industrial facilities, etc.

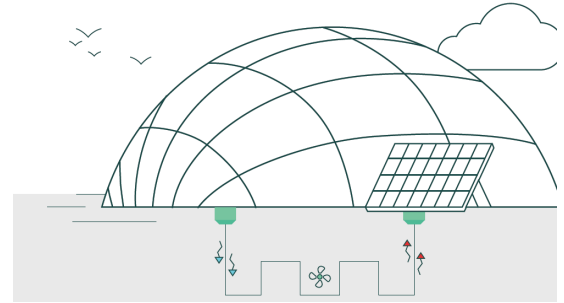
Air Dome Benefits

- **Short project execution time**
- **Lower costs than conventional buildings**
- **Complete weather protection of the venue**
- **Constant income regardless of the season**
- **Can be used as permanent or temporary structure**
- **Seasonal flexibility (only few days to assemble or disassemble)**

Difference from Traditional Domes

We provide the most sustainable air domes

People are familiar with sustainability for private houses, but less so for other types of buildings. We always takes environmental, sustainability and profitability factors into focus in the designing, manufacturing and installation phases of our air domes.



Choose Edge for Your Air-Supported Buildings and Beyond

Edge Innovations, Inc. offers unbiased perspectives on air-supported buildings and structure solutions for a wide range of industries, including oil and gas, bulk storage and handling, agriculture, and construction.

Our air-supported buildings are built to last with reliability and safety as the most important features of our air domes. Our structures conform to all safety standards and regulations as they are resistant to extreme weather, fire, earthquakes and UV radiation. The membrane of our air-supported buildings is durable with a lifespan greater than 40 years. When you choose Edge Innovations Inc., count on your inflatable dome building to maintain its quality for years to come.

All of our inflatable dome building solutions offer financing and leasing plans to support your budget, with flexible terms for site work, building expenses, hardware, and freight and equipment costs. You can even start budgeting for your air-supported structure with our [financing calculator](#).

SmartDome

For outstanding energy performance, our air-supported buildings feature a smart system that objectively shows the owner how energy and money can be saved.

The SmartDome optimizes different scenarios and strategically schedules the times of day when different systems are operating at peak, including inflation, heating, lightning system and more.



Innovative Technologies

Energy efficient structures

The combination of the latest materials and technologies used in EDGE Air-Supported structures offers you low operating costs.

Conforms to all safety standards

Our Air-Supported structures conform to all safety standards and regulations as they are resistant to fire, earthquakes and UV. Structures are made of a double-layered extremely durable membrane which is vandalism-proof. All structures are provided with an emergency backup unit and they are eco-friendly and 100% recyclable.

Lower costs than conventional building

Our structures require much less construction cost than traditional structures as it doesn't need sophisticated site preparation such as concrete foundation and framing and other complications that conventional buildings have. Furthermore it does not require a construction permit as it is not considered as a permanent structure.

Long lifespan

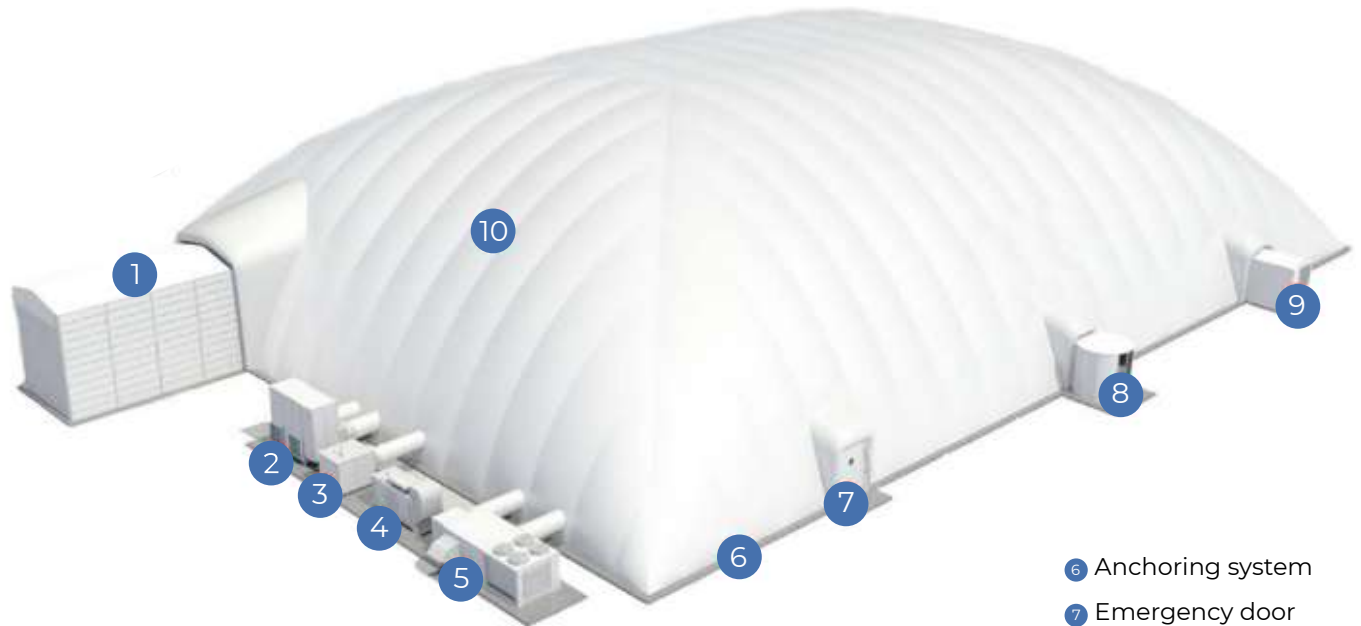
Our Air-Supported structures have a lifespan of more than 40 years.

Modern customizable design and branding

Our Air-Supported structures have a modern design and could be -unlike traditional building- easily branded and customized in terms of colors and logos to fit the marketing and branding plan of the client.



- ① Vehicle & Equipment Airlock Access Door
- ② Ventilation and heating system
- ③ Emergency Back-up System
- ④ Electric generator
- ⑤ Air conditioning system



- ⑥ Anchoring system
- ⑦ Emergency door
- ⑧ Revolving door
- ⑨ Accessible door
- ⑩ Membrane system

Multi-purpose structures

We are specialized in several types of structures. We construct multi-purpose sports facilities, agricultural halls, logistics and industrial structures, temporary buildings (exhibition halls, entertainment venues, temporary warehouses), structures for civil purposes (hospitals, refugee camps, emergency centers), and military purposes.

No wasted space

One of the important advantages of our Air-Supported structures is the space saving inside the structure as they do not contain traditional buildings frames and pillars which allows several design options without wasting any available space.

SmartDome

Our Air-Supported structures are featured with an intelligent and advanced control and monitoring system that automatically controls the entire dome settings. The air dome can also be managed remotely via internet and smartphones.

Resistance to extreme weather

Withstands temperatures from $-55\text{ }^{\circ}\text{C}$ and up to $+70\text{ }^{\circ}\text{C}$, strong winds, storms, heavy snow, ice.

Very short project execution time

Only a few weeks from the date of agreement until the structure is completed and ready for use.

Seasonal flexibility

Only a few days to assemble and disassemble the air dome easily and with minimal effort.

Easy to relocate

EDGE Air-Supported structures can be used as permanent or temporary structures which can be easily relocated.





EDGE
INNOVATIONS INC.



Construction



Service & Maintenance



Site Analysis



Construction Management



Full Recovers



Engineering

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