



ARIZON™
Air, Frame,
Tension Structures

Indoor Tennis Centers



Since the early 1960's, municipalities and private operators have been enclosing tennis courts using air-supported structures rather than conventional construction, especially where seasonal enclosures were required. Initially, this decision was based on huge cost savings, lease options, IRS approval of short-term depreciation, and the seasonal flexibility of these systems. Discounted rates were passed to tennis players in the early days to compensate for poor lighting and acoustics, as well as lack of heating in this first

generation of "Bubbles". In spite of these deficiencies, the popularity of air-supported structures grew very rapidly and allowed for the industry to invest in proper R & D. As a result of research and technology, **Arizon™ Air Structures** provide highly translucent structures which eliminate lighting during daytime hours; facilitate solar gain and minimize overall heating requirements; and utilize quality, indirect-lighting systems and state-of-the-art HVAC and auxiliary systems that use Johnson Air Rotation Systems® Technology.

These technological advances eliminated the negative aspects of original designs and created a system that actually became superior to conventional "metal" and "brick and mortar" construction for indoor tennis centers.

The fee structure or hourly rate established by the metal building or "brick and mortar" tennis centers is based on their higher overhead. As an **Arizon™ Structure Tennis Center** owner, greater profit margins are realized when charging standard hourly rates and realizing the benefits of lower overhead. It is for this reason that indoor tennis domes are highly profitable. Arizon provides complete turnkey facilities, optional financing and insurance, allowing the tennis club owner to develop the exact system required for their particular needs with minimal involvement or interruption to their ongoing business.

Outstanding Features and Benefits of an Arizon™ Air Structure:

- ✓ Exceeds standard building codes such as AISC, BOCA, ICBO, IBC, CSA and NFPA 701.
- ✓ With the unique **Arizon™ Grid System**, the structure can withstand winds up to 150 miles per hour as well as snow loads up to 50 pounds per square foot.
- ✓ Proven performance of over 25 years.
- ✓ Fire retardant, translucent or opaque, mildew and fungus proof, and UV resistant.
- ✓ Translucent fabrics reduce lighting costs.
- ✓ Provides immediate, short term and long term coverings.
- ✓ Require only light construction.
- ✓ Flexible---can easily be taken down and moved to another site.
- ✓ Ability to change inside air up to 6 times per hour.
- ✓ Provides players with ideal playing conditions.
- ✓ Protects players and fans from weather.
- ✓ Costs one-third less than tradition buildings such as "brick and mortar", "steel and glass" and metal.
- ✓ Can provide a wide range of R-values.