

CASE STUDY AQUATICS

[THE CITY OF AMERICAN FORK] FITNESS CENTER AMERICAN FORK, UT



APPLICATION:.....SWIMMING POOL AIR STRUCTURE
SIZE:.....128' W x 193' L (24,704 SQ. FT.)
FEATURES:.....TRANSLUCENT SKYLIGHT FOR DAYTIME LIGHTING
PERIMETER LED LIGHTING
REMOTE-ACCESS CONTROLS SYSTEM

CHALLENGE

- Replace the obsolete dome over the swimming pool at the City of American Fork Fitness Center with a new state-of-the-art air-supported building on the existing footprint.

SOLUTION

- Arizon designed, manufactured and installed a seasonal air-supported building for the City of American Fork Fitness Center that addresses needs for energy efficiency.
- Arizon's primary inflation system uses Air-Rotation principles to efficiently heat the facility throughout the frigid Utah winter.
- The translucent fabric skylight design strikes a perfect balance between optimal insulation and warm natural light that reduces or eliminates the need for artificial lighting during day-time hours.

RESULT

- American Fork residents have a new indoor aquatics facility for competitive, recreational and leisure swimming during the winter months.
- Energy efficient lighting and HVAC options led to noticeable utilities savings versus the previous dome and equipment.



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