

CASE STUDY TENNIS

MIDTOWN TENNIS CLUB NEW YORK CITY



APPLICATION:.....TENNIS DOME
SIZES:..... 99' W x 189' L (18,711 SQ. FT.)
FEATURES:.....ATTACHED TO ROOF OF CONVENTIONAL BUILDING
LOW BIAS CABLE SYSTEM FOR STRUCTURAL SUPPORT
SEASONAL DOME FOR WINTER ONLY

CHALLENGE

- Create an indoor tennis complex on the roof of a building in Midtown, Manhattan.
- The dome offers the flexibility of indoor tennis in winter and outdoor tennis in summer.

SOLUTION

- Arizon designed an air-supported building that fits seamlessly into the fenced-in tennis area on the roof of a building in Manhattan.
- The dome is installed annually in early fall and dismantled each spring. A low bias cable system allows for increased support in case of high winds or heavy snowfall.

RESULT

- When Midtown Tennis Club wanted to expand its facility offerings, it sought to make use of its existing outdoor space instead of constructing a new indoor building elsewhere.
- A flexible building solution, Arizon was able to fit its air-supported building on top of its outdoor courts.
- Court time in Midtown's four-court tennis dome is rented out to members and used as a site for lessons, camps and clinics from October through May, bringing in over a million dollars in revenue annually.
- The dome has survived countless severe weather events, including Hurricane Sandy in 2012.

“MIDTOWN’S ARIZON BUBBLE SURVIVED HURRICANE SANDY. THANK YOU FOR THE ADVICE FROM THE STORM, AND WE APPRECIATED THE CONSTANT REMINDERS ABOUT BEING PREPARED. THANK YOU FOR PROVIDING EXCELLENT CUSTOMER SERVICE.”

*- JENNIFER BROWN
MIDTOWN TENNIS CLUB*

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BUILDING SYSTEMS

(800) 325-1303
11880 Dorsett Road,
St. Louis, MO 63043
ArizonBuildingSystems.com