

# CASE STUDY AQUATICS

## [ CHESHIRE AQUATIC CENTER ] CHESHIRE, CT

APPLICATION:.....SWIMMING POOL FRAME STRUCTURE  
SIZE:.....233' W SPAN X 148' L X 53' H (34,484 SQ. FT.)  
FEATURES:.....DIRECTLY CONNECTS TO CONVENTIONAL BUILDING  
ENERGY EFFICIENT MARCRAFT AIR HANDLING SYSTEM  
LED LIGHTING

### CHALLENGE

- Enclose an outdoor swimming pool with a steel frame-supported structure.
- Needed to directly attach to a conventional building that houses changing rooms and other amenities.

### SOLUTION

- Arizon designed, manufactured and installed an open-span frame-supported structure that fits over the Town of Cheshire's outdoor pool.
- At 235 feet wide, the structure is the largest of its kind to be constructed over a swimming pool.
- The facility features Arizon's energy efficient Air-Rotation mechanical equipment to ventilate and heat the interior during the harsh Connecticut winter.

### RESULT

- Area residents now have an indoor aquatics facility for year-round competitive, recreational and leisure swimming.
- Energy efficient lighting and HVAC options were considered in the design to ensure that the community is not burdened with high utility costs.



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