

Basketball City

Design-Build

Sports & Entertainment



THE OPPORTUNITY

Located at Pier 36 on the East Side of New York City, Basketball City is a 70,000 sq. ft. "state-of-the-art" Sports & Entertainment facility. The facility contains seven full basketball courts that are available for leagues as well as special events. Basketball City's equipment supplier contacted Donnelly Mechanical on behalf of their client for an unbiased third party to identify ongoing issues with their HVAC equipment that included poor performance and premature equipment failure.

This multi-use building is built on piers and it is completely elevated from the water, making for a very unique project.

THE PROJECT

Donnelly Mechanical did a full Systems Analysis to assess all equipment and found that poor maintenance and an incomplete installation/startup was the root cause of the ongoing issues, not faulty equipment. The equipment was only 7 years old, less than half of its lifespan, and they were already failing. Donnelly coordinated with existing electrical, roofing and control contractors to put together a solution for the 70,000 square foot facility. Additionally, in consultation with the client, the decision was made to add 4 additional units to make the facility more attractive to accommodate large corporate events with extensive staging and lighting.

THE OUTCOME

Donnelly ordered 7 replacement units and, in the interim period, provided immediate and extensive repairs to help keep the impaired units running. To appeal to large corporate events with extensive staging and lighting, 4 additional units were ordered to increase the cooling capacity to offset the heat generated from the event equipment.

Project Role

- Construction

Technical Scope

- 70,000 sq. ft. Sports & Entertainment facility status
- 7 Air-Conditioned Basketball Courts
- Replacing 7 existing units
- Installation of 4 additional (80 Ton) units

Challenges

- Poor maintenance and incomplete installation/startup of existing equipment
- Ongoing temperature and control issues
- Insufficient cooling capacity

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Donnelly provided a multi-year extended warranty on parts and labor. In addition, Basketball City entered into a preventive maintenance agreement with Donnelly to ensure efficient and continued operations of the HVAC system.

As an ENGIE company, Donnelly is now backed by the resources of our parent company, enabling us to offer a broader level of services to our clients. As a result, Basketball City also entered into a Power agreement with ENGIE Resources. The agreement included a 20-month term fixed price electricity plan as well as a 36-month term fixed price gas plan. Basketball City also enrolled in ENGIE's 20/20 Reporting platform which provides insight into their energy use, demand and cost trends. The platform benchmarks against user-defined KPIs –helping identify usage and demand anomalies that allow them to take proactive action and better control energy costs.

