

## Katonah Museum of Art Case Study: Indoor Air Quality (IAQ)

### Situation

The Katonah Museum of Art, known for its vibrant exhibitions and cultural programming, faced persistent challenges with indoor air quality (IAQ) in its gallery spaces. Mainly, there was a need to address persistent odor issues that were affecting the building's environment and to provide an improved visitor experience.

Recognizing the need for an effective and innovative solution, Atlantic Westchester approached Katonah Museum of Art with a plan to address this indoor air quality issue.

### Challenges

- Persistent odor issues were affecting the gallery environment and visitor experience.
- Traditional HVAC solutions were ineffective in resolving the problem.
- Installation needed to be completed without disrupting museum operations.
- Protecting the integrity of the gallery spaces was a top priority.

***"The difference in air quality has been remarkable. Our galleries feel fresher, and the persistent odors are gone. This improvement not only enhances the visitor experience but also supports the preservation of our artwork."***

*Nancy Hitchcock, Registrar, Katonah Museum of Art  
134 Jay Street, Katonah, NY 10536*



### Solutions

Atlantic Westchester's approach was to integrate advanced indoor air quality (IAQ) technology into the existing HVAC system. Soft ionization technology was installed in existing equipment as an innovative solution to improve air quality and manage odors. This technology works by using low-energy ionization to neutralize airborne contaminants and odors, offering a cleaner and healthier indoor atmosphere. The successful integration of soft ionization technology into the HVAC system has proven to be a valuable solution for mitigating odor issues and increasing air quality.

#### Solution Advantages:

- Significant reduction of unpleasant odors throughout the gallery areas.
- Improved indoor air quality, confirmed by indoor ion measurements.
- Seamless installation with minimal disruption to museum operations.
- Enhanced visitor experience with a fresher and more inviting atmosphere.