

# Samsung Headquarters

## 837 Washington Street, New York, NY

**Project Owner:**

Taconic Investment Partners/Thor Equities LLC

**Installation Type:**

Commerical Office/Retail Installation

**Design Team**

- Architect: Morris Adjmi Architects
- Engineer: ICOR

**General Contractor:**

- Schimenti Construction

**Mechanical Contractor:**

- JL HVAC

**Manufacturer:**

- Samsung DVMS Water Cooled Heat Recovery

**Completion Date:**

- 2015

**Challenges/Problems/Solutions:**

This was the first water-sourced VRF project for ADE because it was a new product release at the time. ADE and ICOR were instrumental in the layout of the new system. The project was broken up into two phases. The first phase was the top 3 floors for Office spaces and the second phase was the lower 4 floors which were designed for retail with an amphitheater in the center of the floors. The amphitheater spanned from the cellar to the second floor with balconies surrounding it. The reason water cooled was used because there was existing base building condenser water system that was existing to the building. Secondary water was provided to cool the condensers while increasing efficiency. Also during the design, the dimensions of the water cooled condensers were an issue on one floor. The space that was allotted was too small to fit the 30 Ton combination unit we had. So, we adjusted the combinations to maintain the capacity at 30 Tons and still fit the condensers by using different size condensers. JL HVAC was the installing contractor was trained at ADE's Training Facility in Lynbrook, NY. ADE and Samsung provided installation/ Cx support during the construction process.

**Description:**

Samsung recently leased the entire building at 837 Washington Street in the Meatpacking District of Manhattan. The 63,000 SF twisted steel building is situated across the street from the historic High Line.

