

- Gas fired absorption chillers
- 1600 total refrigeration tons
- High rise condominium
- Manhattan, NY



When real estate investors Richard Kalikow of Manchester Real Estate & Construction and Jeremiah O'Conner Jr. of O'Connor North American Property Partners decided to form a joint partnership, they wanted the first project they undertook to be memorable. Their first project was more than memorable, it was record setting. The \$625 million they paid for the 583-unit Manhattan House apartment complex on Manhattan's Upper East Side set a national record for a single residential building to be converted from rental units to luxury condominiums. They committed large sums of capital to upgrade the million plus square feet of property and they retained Cosentini Associates to redesign and update the HVAC system.

Located at 200 East 66 Street, the project contains sixteen 100RT Yazaki chiller/heaters located on the roof of the building. The modularity and staging of the chiller plant appealed to both the owners and engineers. NYSERDA contributed substantial rebates to convert the electric air conditioning units to natural gas. Originally built by the NY Life Corporation in 1950 and designed by Skidmore, Owings & Merrill and Mayer & Whittlesey, the new owners retained the renowned architectural firm to design the update as well. Manhattan House has long been known in the world of architecture, as it was awarded the New York Chapter of the American Institute of Architects award for outstanding apartment house in 1952.

**Manhattan House uses gas cooling to reduce its peak summer electric usage.**



For more information on how Yazaki Energy Systems, Inc. can help with your solar, waste heat, or gas cooling project, contact us at:

**Yazaki Energy Systems, Inc.**  
701 East Plano Parkway, Suite 305  
Plano, TX 75074  
Phone: (469) 229-5443  
Fax: (469) 229-5448  
Email: [yazaki@yazakienergy.com](mailto:yazaki@yazakienergy.com)