

432 Park Avenue New York, NY

Project Owner:

Macklowe Properties & CIM Group (Developer)

Installation Type:

Residential Installation

Design Team

- Architects: Rafael Vinoly Architects, SLCE Architects
- MEP Engineer: WSP

Mechanical Contractor:

Celtic Sheet Metal

Manufacturer:

- Titus - Linear Flowbar
- Greenheck - Fans
- American Aldes - CAR Dampers

Completion Date:

- 2017

Challenges/Problems/Solutions:

The square is described as the purest geometric form. 432 Park is 93'6" by 93'6", and is one of the most narrow buildings, in not only New York City, but the world. It contains 85 floors above ground and 3 floors below for a total of 412, 637 SF floor area. All residential floors and common areas were designed for flowbar linear air outlets. Having the air distribution over the windows leads to unobstructed views and eliminates larger equipment in residential units. Over the course of construction, design and material changes made for large obstacles for ADE. With approximately 20,000 LF of flowbar, coordination with the manufacturer was critical for on-time delivery, which was ultimately met.

Description:

432 Park Avenue is the tallest residential tower in the Western Hemisphere. Designed by Rafael Vinoly, this tower rises 1,396 feet. All windows measure an expansive 10 feet by 10 feet, flooding residences with natural light and spectacular views of Central Park, the Hudson and East Rivers, Atlantic Ocean, and many iconic Manhattan buildings and avenues.

courtesy of: streeteasy.com/building/432-park-avenue

