Zehnder Rittling Carboline Panels enhance comfort at NYU Langone!

PROJECT SHOWCASE

Project Information:
NYU Langone Brooklyn
150 55th Street
Brooklyn, NY 11220

Fourth Floor
Patient Room Refresh

Specified Manufacturer:
Zehnder Rittling

Specified Model:
Carboline Radiant Heating & Cooling Ceiling Panels

PROJECT CHAMPIONS

MEP/FP Consultants -
Jaros Baum & Bolles

Architect -
Jack L. Gordon Architects

Mechanical Contractor-
Donnelly Mechanical

Manufacturers Representative-
ADE Group

PROJECT DESCRIPTION

NYU Langone Health, a premier academic medical center, sought to enhance the indoor climate control of their facility at 150 55th Street in Brooklyn, NY. The goal was to create a comfortable, energy-efficient environment for patients, staff, and visitors. To achieve this, they chose Zehnder Rittling's Carboline Radiant Heating and Cooling Ceiling Panels.

KEY FEATURES OF ZEHNDER RITTLING CARBOLINE PANELS

- Energy Efficiency: Carboline panels are designed to provide high energy efficiency, ensuring optimal indoor climate control throughout the year.
- Even Heat Distribution: The panels guarantee even heat distribution within a room, enhancing comfort levels.
- Dual Functionality: These panels offer both heating and cooling capabilities, making them versatile for various seasonal needs.
- Quick Reaction Time: The panels respond rapidly to temperature changes, maintaining a consistent indoor environment.
- Silent Operation: Virtually silent, these panels contribute to a peaceful and quiet atmosphere, essential for a healthcare setting.

Installation Highlights

The installation at NYU Langone was executed with precision by Donnelly Mechanical, ensuring minimal disruption to the facility's operations.

The Carboline panels were seamlessly integrated into the existing infrastructure, providing an unobtrusive yet highly effective solution for climate control. Jaros, Baum & Bolles served as the engineer of record, overseeing the technical aspects of the project to ensure optimal performance and compliance with industry standards.

Benefits Realized

- Enhanced Comfort: Patients and staff experience a consistently comfortable environment, crucial for both recovery and productivity.
- Cost Savings: The high energy efficiency of the Carboline panels translates to significant cost savings on heating and cooling expenses.
- Sustainability: By reducing energy consumption, the project supports NYU Langone's commitment to sustainability and reducing its carbon footprint.

Conclusion

The successful implementation of Zehnder Rittling Carboline Radiant Heating and Cooling Ceiling Panels at NYU Langone's Brooklyn facility exemplifies the potential of innovative HVAC solutions in enhancing indoor environments. This project not only meets the immediate needs of the facility but also sets a benchmark for future installations in similar settings.

ADE GROUP
A.D.E. SYSTEMS, INC.
A.D.E. NEW JERSEY, INC.
AIR DISTRIBUTION ENTERPRISES, INC.

Want more information?

Email:
adeengineering
@adehvac.com
or call
516-568-6500
for design assistance today!