



# Juma Fit

## Tenafly, NJ

Juma Fit, the self-proclaimed “treadmill studio for everyone”, is a running and fitness studio located in Tenafly, New Jersey. EP Engineering teamed up with Smith & Architects to design this location for Juma Fit. The running studio is fully equipped with Woodway treadmills, an immersive lighting system, and a state-of-the-art sound system. EP Engineering designed the Mechanical, Electrical, and Plumbing systems, ensuring that the solutions met the unique needs of the client, and the precise aesthetic requirements of the architect.

### LOCATION

38 Franklin Street  
Tenafly, NY 07670

### PROJECT SIZE

2,700 SF

### CHALLENGES

- Providing an air conditioning system that allowed for dehumidification while maintaining a comfortable space temperature, all while utilizing existing equipment.
- This project had a unique voltage service, which is more common in older installations. This made it more difficult to adapt to new equipment.

### ACHIEVEMENTS

- EP Engineering developed a custom control sequence, that incorporated the existing rooftop heating and cooling unit, to simultaneously heat or cool, and dehumidify the space during classes.
- EP Engineering collaborated with the electrician to carefully distribute the electrical loads across each voltage phase to achieve a balanced and safe system.

