

MIDWEST COURT

410 53RD STREET, MANHATTAN, NEW YORK

Project Spotlight



MIDWEST COURT SELECTS RBI FUTERA XLF FOR THE JOB

Situated in the heart of Manhattan, amongst some of the most prominent buildings and businesses you will find Midwest Court. The luxury seven-story rental building boasts expansive skyline views and manicured courtyards.

Steps away from the popular theater district and minutes from Central Park, Midwest Court is the place to be, offering 220 units with spacious bright interiors with a modern look and feel.



INDUSTRY
HOUSING

PRODUCTS INSTALLED
(4) 2500 FUTERA
XLF BOILERS

CONTRACTOR
COPPER SERVICES

ENGINEER
RIVERA ENGINEERING

INSTALLATION DATE
2020

REPRESENTATIVE
THERMAL SYSTEMS
ASSOCIATES

THE PROBLEM

Midwest Court was in pursuit of upgrading their dated oil-fired boiler system due to its inefficiency and increased maintenance expenses. The existing chimney would remain, so the challenge came in the large footprint of the exiting low efficient boiler system which supplied both space heating and domestic hot water. The massive project would require demolition of the existing system and installation of a new system, all while the building remained fully occupied.

THE SOLUTION

RBI's Futera XLF units provided the large BTU capacity required in a compact footprint which allowed the installation of the new system to occur alongside staged demolition of the past equipment. The building systems were kept live the entire time which was critical for the apartment building occupants.

The RBI system reduced the mechanical room to half the original size, putting valuable NYC real estate back in the hands of the owner. The Futera XLF's unique design provided the high efficiency upgrade while still maintaining the existing chimney system. With HeatNet's onboard Boiler Management system the firing sequence is optimized and the boilers have true rotation for equalized runtime. HeatNet also provided the necessary remote monitoring and trending to allow a proactive response by the mechanical team to any potential service issues before they arise.



FUTERA XLF

RBI is an integral part of the Midwest Courts' central operating system. RBI's domestic water heaters assist in eliminating storage which was originally planned for during the design phase. The compact size of the Futera XLF allowed installation to occur alongside demolition keeping the building fully operational for occupants.

The Futera XLF provides large capacities in a small footprint and offers greater flexibility and ease of installation in a space-saving design that leaves more elbowroom in the mechanical room. The rugged structural steel base is designed to fit through a standard 30" doorway.

