

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. A luxury seven-story rental building, that 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 boilers due to its inefficiencies and increased maintenance expenses. The chimney would remain, so the challenge became the large footprint of the existing 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 previous equipment. The RBI system reduced the mechanical room to half the size, giving the valuable NYC real estate back in the hands of the owner all while the building remained fully occupied with no downtime.

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 to have true rotation to equalize runtime. HeatNet also provides the necessary remote monitoring and trending data 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 set place during the design phase. The Futera XLF was selected for the job for the ease of installation and size, which allowed the building to stay fully operational during construction.

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.

