

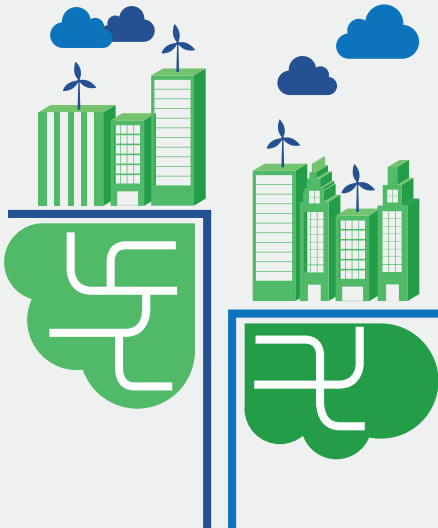


# HIGH-RISE RESTORATION

## ABOUT MIDWEST MECHANICAL

Midwest Mechanical is a professional HVAC mechanical services company serving property owners and operators throughout Chicagoland and Northwest Indiana. We help organizations maintain their buildings and achieve the most operationally efficient HVAC systems.

When you need building efficiency and sustainability, you need **Midwest Mechanical**.



## PROBLEM

A High-Rise condominium in Chicago was struggling to provide adequate heating throughout the entire building. Their only source of heat was the central boiler plant which provided both space heating and domestic hot water via heat exchanger. While the system could meet the domestic hot water needs in summer, it was unable to meet domestic hot water and heating needs in winter.



## SOLUTION

Midwest Mechanical determined right away the space heating wasn't the main issue. Instead, the energy needed to maintain temperature across the building was too much for the existing boiler. Our design team determined the best-fit solution could achieve higher efficiencies and more effective distribution of heat throughout the building.



## RESULT

The first step was evaluating the scope of capital improvement including a best-fit boiler selection. By leveraging our industry expertise and knowledge, we were able to select a boiler with more capacity and better turn-down ratio. Finally, after design-development, our highly-skilled technicians installed the boiler system with limited disruption to the building. The building now runs at peak efficiency and reliably, meeting residents' heating and hot water needs all while reducing operating costs.