

BLISH-MIZE DISTRIBUTION CENTER KANSAS

Project Value:

\$292,719

Annual Savings:

\$23,888

Annual Maintenance Savings:

\$3,386

CHALLENGES

With a 40-year-old steam boiler, high utility bills, and comfort problems throughout their 100-year-old building, Blish-Mize's ownership and management teams knew they had to address their infrastructure through facility planning, increasing efficiency, and operations.

800.424.9144

www.willdan.com



IMPROVEMENT DETAILS

- De-commissioned 40-year-old steam boiler
- Installed new split heating and cooling units for occupied spaces
- Installed new gas-fired unit heaters for unoccupied areas
- Installed internet-based HVAC controls



- Utilized local mechanical contractor for all HVAC work
- Installed "dry" fire suppression system
- Utilized local electrical contractors
- Coordinated work with office remodel project occurring simultaneously

SOLUTIONS AND OUTCOME

Willdan designed a zoned heating and cooling system to serve all occupied areas of the facility far more comfortably than the previous system. In addition, Willdan converted the building's fire suppression system to one that did not require freeze protection.

These changes resulting eliminating the outdated steam boiler that had been inefficiently heating the spaces and looming as a potential maintenance nightmare. Coupled with internet-based HVAC controls, Blish-Mize is realizing tremendous energy savings while providing a far more comfortable working environment.