



American Outdoor Brands: Columbia, MO

Home / American Outdoor Brands: Columbia, MO



PROJECT DESCRIPTION

Client: American Outdoor Brands Corporation
Project: New Construction Distribution Center
General Contractor: Ryan Companies
Architect: Heitzman Architects
Floor Area: 576,214 sq ft
Construction Schedule: October 2018

ROLE

HVAC Design/Build Contractor
Building Automation Systems Contractor

PROJECT APPROACH

Design/Build

PROJECT SCOPE

Wiegmann Associates completed HVAC work for the new American Outdoor Brands distribution center. Wiegmann designed and installed the new energy-efficient and cost-effective HVAC system that serves the warehouse, offices, cafeteria, employee fitness center, conference rooms and boardrooms. Multi-zone variable air volume (VAV) packaged rooftop units were designed for the office areas to minimize fan speed and fan energy consumption, when possible. Natural gas makeup air units were used to heat the warehouse.

PROJECT CHALLENGE/SOLUTION

In order to allow the owner to monitor and schedule the HVAC system remotely and maximize energy savings, Wiegmann provided and installed their own Direct Digital Control (DDC) system using Delta Controls. The Building Automation System controls all HVAC equipment in the facility and will allow the owner to monitor and schedule the HVAC system remotely and maximize energy savings.



PREV

