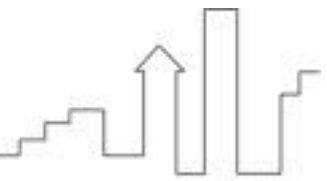


First RESET Air Certified Restaurant in the World



Restaurant renovation gets smart and prioritizes healthy Indoor Air Quality

Sewickley Tavern Sewickley, PA

The owner of the Sewickley Tavern wanted to expand her impact on sustainability beyond the restaurant’s menu, using technology to reach the highest performing building at the lowest possible costs.



Credit: Studio St. Germain

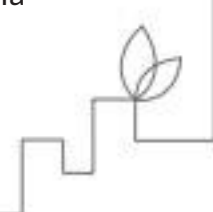
Owner’s Project Goals

The project team used metrics that reflected the owner’s expectation of performance during operations. The team focused on thermal comfort, air quality, including disease mitigation, and acoustic sound levels. The goals were achieved within the project’s original budget.

Metrics

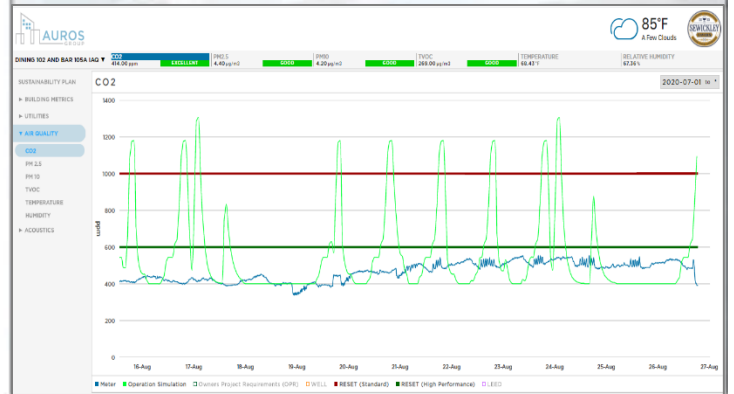
- 30% or greater reduction in EUI
- Particulate Matter 2.5 (PM2.5): < 12 µg/m3
- Particulate Matter 10 (PM10): < 50 µg/m3
- Total Volatile Organic Compound (TVOC): < 400 µg/m3
- Carbon Dioxide (CO2): < 600 ppm
- Sound: meet WELL Building criteria

Sustainability Programs RESET Air certification



Project Highlights

AUROS Group and Studio St. Germain used whole-building performance simulations, smart building infrastructure and an integrated performance dashboard to provide the owner the data necessary to have full transparency and control over all aspects of indoor environmental quality creating a healthy and enjoyable environment for staff and patrons.



Project Reference

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Renovation

Renovation of Treasured Local Restaurant
3,600 square feet
\$1.2 million

Project Team

AUROS Group
Studio St. Germain
Michael Baker Int'l
Massaro
Construction