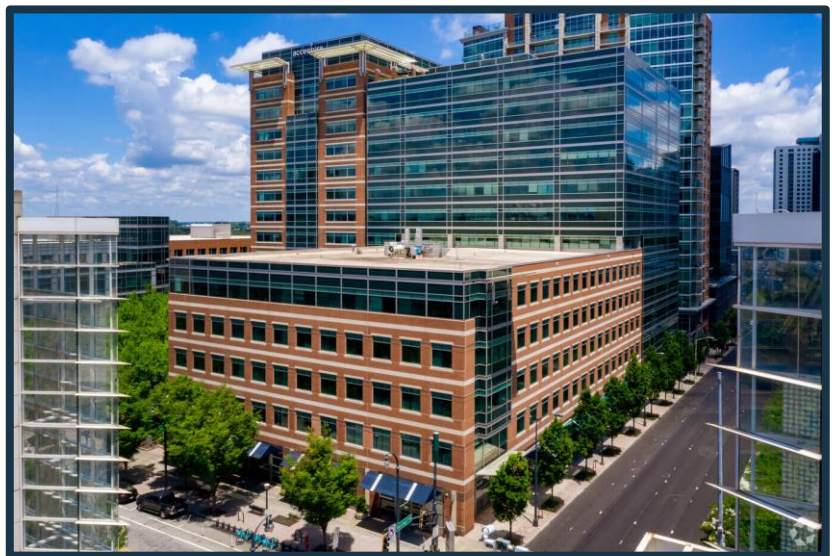


## About the Building: Pilot Installation

Our first installation was done on the Centergy One Building in Midtown, Atlanta – located within Georgia Tech’s Technology Square. The installation now provides treated air to a five-story section of the building encompassing multiple facilities.

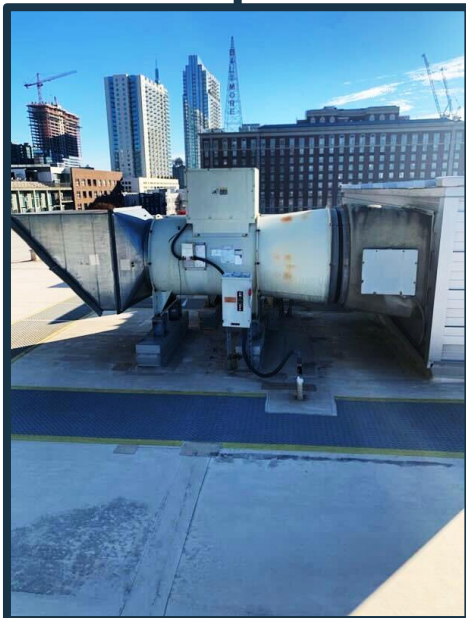
### Building Specifications:

- 450k ft.<sup>2</sup> building
- 10,000 CFM Unit
- 12 hours of daily operation for a gym, kitchen, and mixed office space
- 30 feet between exhaust and intake



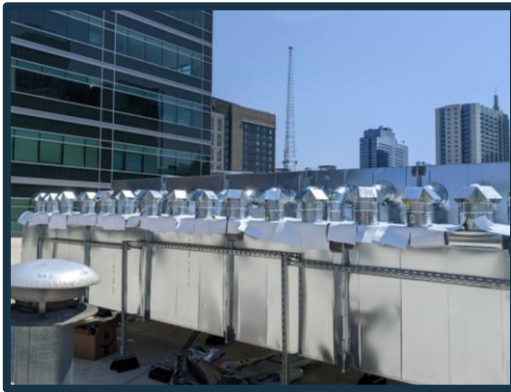
Intake

Exhaust



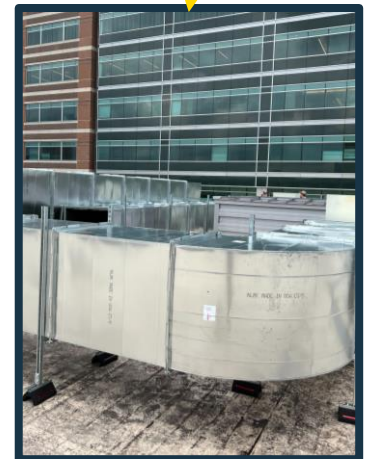
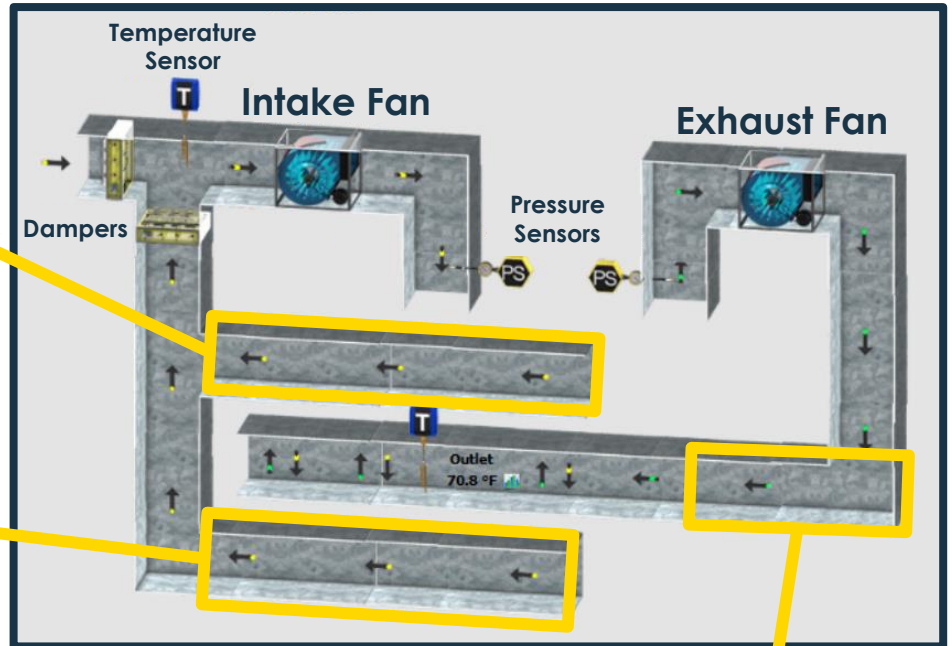
## Retrofittable to Any Rooftop Unit

The panels can be installed on any rooftop unit without major modifications to the current ventilation system. Each installation is customized to the building's layout with individualized ducting and panel layout to maximize efficiency and thermal energy transfer.



**57 Panels Installed  
Along Two Intake Ducts**

### Computational Schematic of Pilot Installation



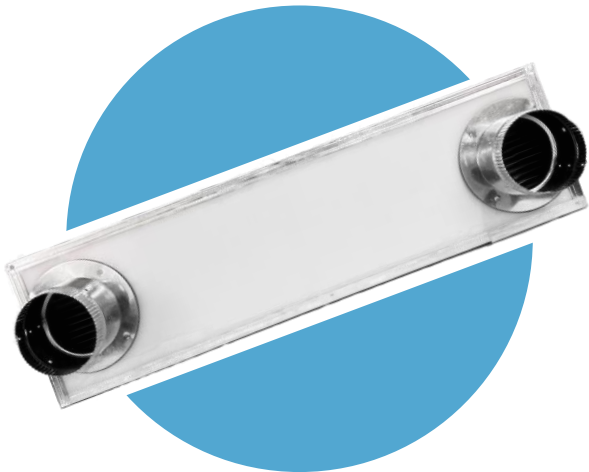
**Extended  
Exhaust Ducting**

Integrating X-Panels™ into the Building Automation System allows the engineering department to monitor HRV performance in real time and over the course of the year. Engineers can adjust control parameters to ensure maximum efficiency all year.

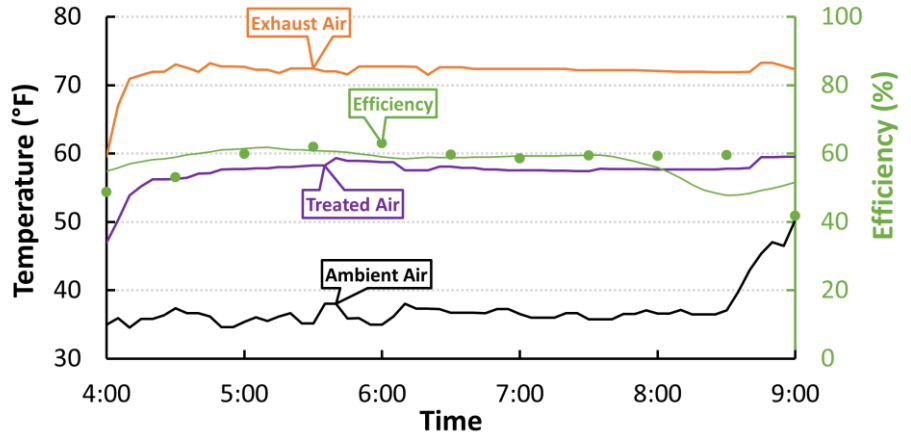


## Less Than 3 Year Return on Investment

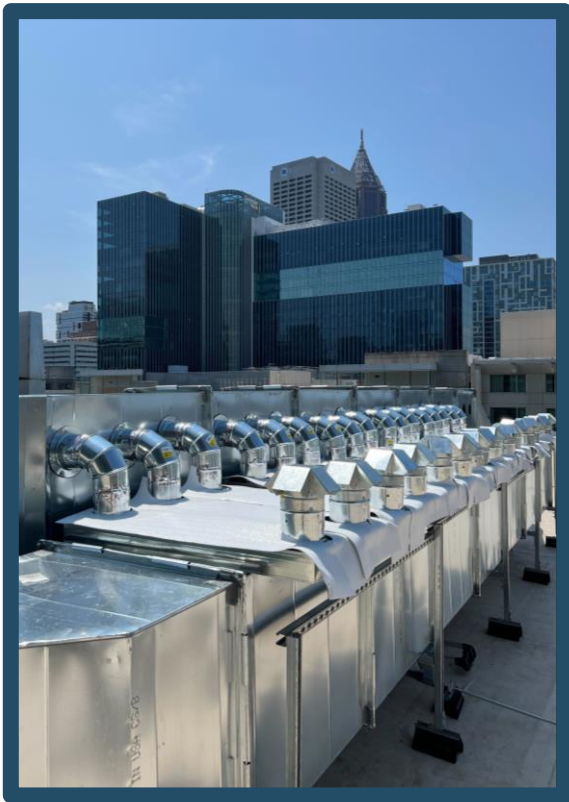
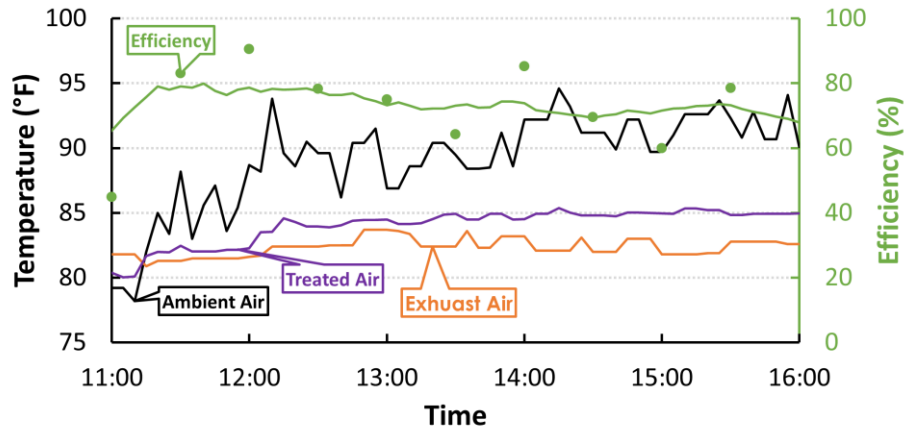
57 Total Gen 1 Panels Installed



Cold Weather (330 kWh Saved Over 5 Hours)

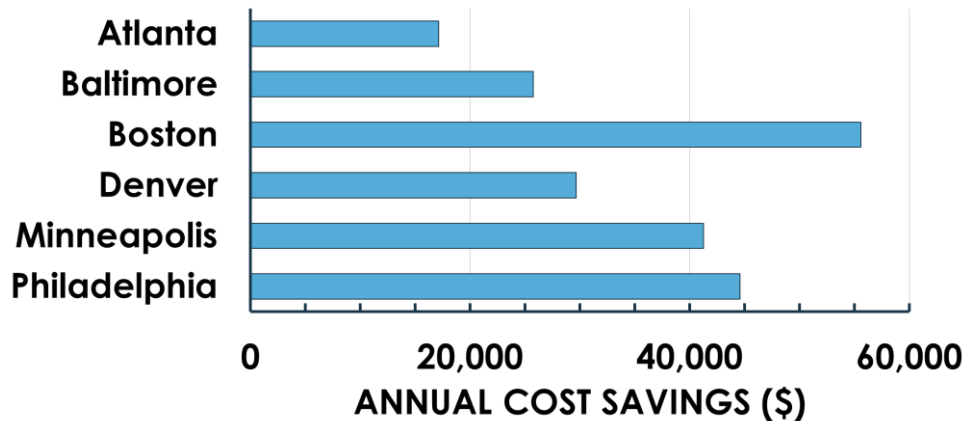


Warm Weather (150 kWh Saved Over 5 Hours)



Pilot Installation in Midtown Atlanta

Modeled Savings (10,000 CFM for 12 Hours/Day)

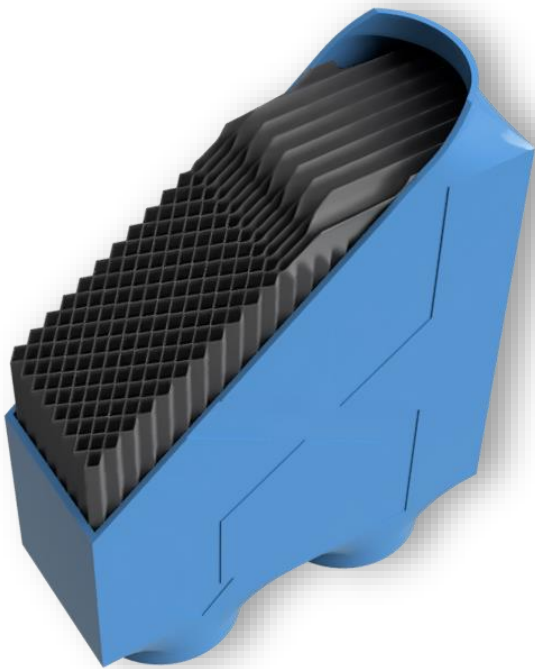


## Improvements Made from Pilot Program

Taking the lessons learned from the pilot installation we have improved the XPanel™:

- Eliminated leakage from ductwork connectors
- Simplified assembly and installation
- Increased efficiency to >80%

## Rendering of New XPanel™ Design



New design will maximize cross sectional area, have built in flange adapters, and cut down on materials.

