

CITRIX OFFICE HEADQUARTERS RALEIGH, NC

KEY PARAMETERS

- Type of Installation – New Construction (NC)
- Function - Office Building
- Area – 172,000 sq. ft.
- Project Completion – October, 2014

Citrix® recently transformed an abandoned warehouse into a new-generation modern workplace designed to stimulate creativity, collaboration, productivity, and employee engagement. The environmentally-forward workplace design, combines Citrix Mobile Workspace technologies and embodies the company's core vision of the mobility-transformed business that allows people to work better and live better.



The unique spaces in the building were designed to amplify collaborative, design-led thinking and support a culture of work-life balance and healthy lifestyles that enable greater employee engagement in the workplace. Spaces range from conference areas made out of retrofitted shipping containers to racquetball and basketball courts, to a yoga studio and rooftop bocce court. The adaptive reuse building is environmentally sustainable including a 55-foot-long living wall covered in vegetation, a two-story ceiling with shades that adjust to natural light and numerous other features supporting LEED® Gold certification.

Challenge: Designers had three primary objectives with respect to ongoing sustainability and LEED Certification.



The goals were 1) energy savings, 2) maintenance cost savings, and 3) superior air quality within the space.

Solution: Dynamic V8 Air Cleaning systems were installed in Trane Performance Climate Changer™ air handlers.

Results: Citrix was pleased with the results. The Dynamic V8 addressed all three objectives.

Air filtration is increasingly being recognized as an energy conservation measure which may be second only to lighting upgrades in terms of financial benefits. With its low static pressure resistance, the Dynamic V8 reduces

the amount of energy required to push air through the filtration system, requiring 2/3 less fan energy than MERV 14 passive filters, while delivering MERV 15 filtration performance.

The Dynamic V8 also enjoys an extremely high dust holding capacity which extends filter change-out intervals from every few *months* to every several *years*. These long maintenance intervals cut operating costs by saving time and labor in addition to replacement filter costs and disposal costs.



Lastly, the Dynamic V8 delivers high efficiency air cleaning performance unmatched by traditional, passive filters. The Dynamic V8 addresses all three types of airborne contaminants; particles, odors & VOCs, and biological contaminants including germs and other airborne pathogens. "These systems are a great fit in our facility given the variety of spaces that they need to service. From our fitness center to the café these filters help us maintain excellent indoor air quality." according to Drew Shaw, Lead Technical Associate for Facilities.

TEAM

- Owner – Citrix
- Architect – Alliance Architecture
- Engineer – Crenshaw Consulting Engineers, Inc.
- Mechanical Contractor – Newcomb & Company
- General Contractor – RCI Builders
- HVAC – Trane
- LEED Certification - Gold
- In-house Facility Manager – Jenna Geigerman

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