

VALENCIA COLLEGE

Odor Control

The Challenge

The Valencia College Lake Nona Campus was constructed in 2012 and included the campus's first building. The project included state-of-the-art academic spaces, teaching labs, student services, bookstore, library, cafe, a Dean's suite, and administrative offices. The 88,821 sq. ft. campus was a \$21.7 million project.

The Solution

Global Plasma Solutions installed the GPS-iBAR® in all the air handling units on campus. The GPS-iBAR is perfect for such a large facility because it kills mold, bacteria, and airborne pathogens while maintaining clean cooling coils.

 **ODORS**
NEUTRALIZED

 **ENERGY**
SAVED

SAVED
\$180,000
AND REDUCED CFM BY
9,300



The Results

The Valencia College, Lake Nona Campus was awarded 3 Green Globe certifications by Green Building Initiative. The GPS-iBAR reduced the outside air needed for ventilation by 9,300 CFM and saved \$180,000 in chiller cost. The iBar was also compatible with their current air handling unit, which avoided costly renovation expenses. Testing revealed that there was no Fungi or Bacteria detected on the cooling coil fins.

GPS®
GLOBAL PLASMA
SOLUTIONS

Engineering Air for a Cleaner World™

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