

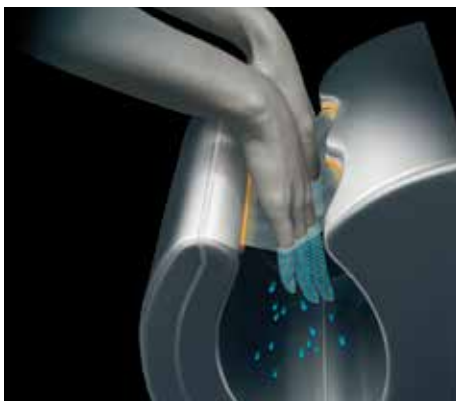
# University of Maryland Medical Center



“As an academic hospital, we rely heavily on research when improving amenities. Our research concluded that the Dyson Airblade™ hand dryer was the best hand drying solution for our public restrooms.”

Richie Stever  
Project Manager for University of Maryland Medical Center

The University of Maryland Medical Center (UMMC) in Baltimore is a 2.2 million square foot, 763-bed flagship hospital that cares for over 300,000 patients annually within a not-for-profit healthcare network. The hospital has been recognized for its successful sustainability policies by Practice Greenhealth, an organization for environmental solutions in the healthcare community.



### The Challenge

To create a healthier environment for UMMC patients and staff, the employee-run Green Team committee has implemented a variety of programs such as charging stations for electric vehicles, greening the operating room, and energy conservation. The committee was challenged to reduce non-toxic, clear bag waste from facility restrooms.

### The Solution

Richie Stever, Project Manager of UMMC and Green Team member, decided to research high-speed hand dryer brands for the Medical Center's public restrooms to reduce paper towel waste. Stever focused his evaluation on cost, operations, and noise. Stever calculated a 44% operational cost savings on electricity consumption if he chooses the Dyson Airblade™ hand dryer over other high-speed hand dryers. The Dyson Airblade™ hand dryer uses up to 80% less energy than warm air hand dryers to dry hands in just 12 seconds,

making it more efficient to operate'. Further, when comparing the noise level of hand dryers, Stever found the decibels of the Dyson Airblade™ hand dryer to be acceptable for his healthcare environment. Stever's research concluded that the Dyson Airblade™ hand dryer was the best fit for UMMC's public restrooms.

### The Results

Fellow Green Team members and operations staff agreed on the decision to purchase Dyson Airblade™ hand dryers. UMMC purchased over 40 Dyson Airblade™ hand dryers and have begun install in the public restrooms around the facility, beginning with the restrooms with the highest usage.

“Installing Dyson Airblade™ hand dryers will prove beneficial for the University of Maryland Medical Center's environmental policies and operational costs,” summarized Stever.

For calculations and dry time, visit <http://airblade.dyson.com/calcs>.

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