Education

Boston University

Alan and Sherry Leventhal Center

Photos by: Kalman Zabarsky

"Shifting from paper towels in restrooms to hand dryers is an important initiative for BU to reduce waste on campus. The Dyson Airblade V will help us achieve our waste reduction goals while reducing our operating costs."

Dennis Carlberg, Sustainability Director

The Business

Chartered in 1869, Boston University is one of the nation's largest private urban research universities. With over 33,000 students, nearly 10,000 staff, and 17 schools and colleges offering 250 fields of study, BU ranks in the top 50 of U.S. News & World Report's annual ranking of the nation's top universities.

The Dyson digital motor V4 uses digital pulse technology to spin 92,000 times a minute to draw air through a HEPA filter, and then scrape hands dry.

The Problem

Boston University's aim is to drive change on campus and integrate sustainability into existing education, research, and operations programs to reduce energy consumption and decrease waste across its two campuses. With the Facilities Management & Planning department, the initiative aims to improve the sustainability of existing campus buildings, renovations and new construction.

The Solution

To improve a prospective student's experience with a larger, more technologically advanced space, BU decided to renovate an existing campus building and relocate its admission center there. To support their mission of sustainability at the Leventhal Center, the university decided to try the Dyson Airblade V hand dryer in four of the admission center restrooms.

The Results

In the four restrooms with Airblade™ technology, paper towels were not installed as a hand drying option, therefore reducing the waste that's generated from paper towels. Assuming that an estimated 70,000 annual visitors to the Leventhal Center use the Dyson Airblade hand dryer instead of paper towels, over 140,000 paper towels would be saved from going into landfill annually.[1]

CO_2 reduction

Dyson Airblade™ hand dryers produce up to 79% less CO_2 than some other hand dryers and up to 76% less than recycled paper towels.[2]

Lowest operating cost

With a fast dry time and no heating element, Dyson Airblade™ hand dryers also have the lowest operating cost—costing up to 69% less to operate per year than other hand dryers.[3]

[1]Calculation based on an estimated 70,000 annual visitors using two paper towels per dry one time.

[2]Calculated using PE International GaBi software and method developed with Carbon Trust based on five years use and dry times measured using Dyson test method 769 based on NSF P335 with a measurement of 0.1g residual moisture.

[3]For calculations, visit http://airblade.dyson.com/calcs.

To try the Dyson Airblade™ hand dryer or for more information call or visit:

1-888-DYSON-AB
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The fastest to dry hands hygienically with HEPA filtered air.