XLERATOR®/XLERATOReco®/ThinAir® HAND DRYER
HYGIENE TECH SHEET

DON'T JUST TAKE IT FROM US

"BOTH CLEAN TOWELS OR AIR HAND DRYERS ARE EFFECTIVE WAYS TO DRY HANDS."

CDC
Centers for Disease Control and Prevention

"ONCE YOUR HANDS ARE CLEANED, YOU SHOULD DRY THEM THOROUGHLY BY USING PAPER TOWELS OR A WARM AIR DRYER."

World Health Organization

"[WE] FOUND NO EMPIRICAL DATA TO SUPPORT ONE HAND DRYING METHOD OVER ANOTHER FROM A HEALTH AND SAFETY PERSPECTIVE."

The University of Arizona

ELECTROSTATIC HEPA FILTRATION SYSTEM

99.999%
REMOVAL OF VIRUSES FROM THE AIRSTREAM[1]

[1]Based on testing performed by LMS Technologies, April 2023

XLERATOR®/XLERATOReco®/ThinAir® HAND DRYER

HYGIENE TECH SHEET

THE MOST HYGIENIC DRYING SOLUTION

Excel Dryer is committed to providing the most hygienic hand drying solution to facilities around the world. While the cost savings and environmental benefits of high-speed, energy-efficient hand dryers are clear, there are many misconceptions about the hygienic efficacy of different hand drying methods.

ELECTROSTATIC HEPA FILTRATION SYSTEM

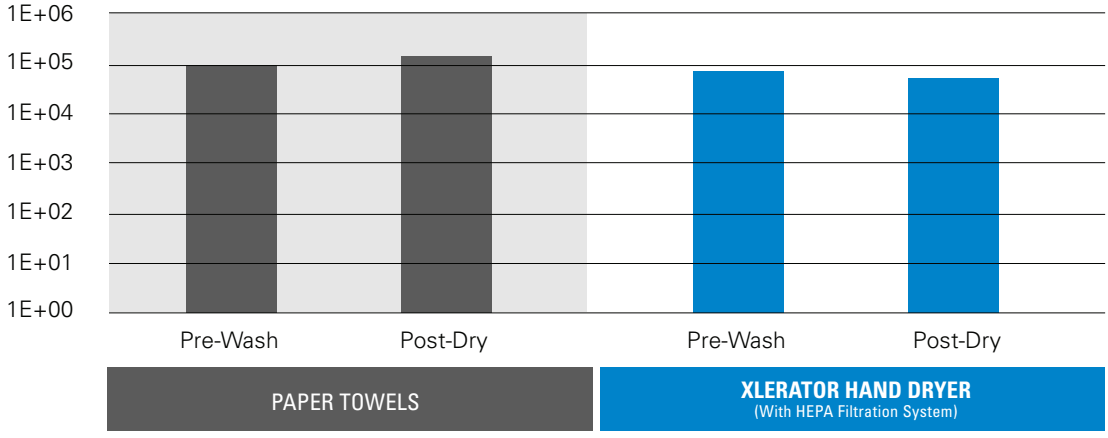
Excel Dryer offers a Electrostatic HEPA Filtration System proven to remove 99.999% of viruses and 99.97% of potentially present bacteria at 0.3 microns from the airstream[1]. The HEPA Filtration System is the only one with a washable pre-filter for reliable performance and extended filter life. The Electrostatic HEPA Filtration System is available as an optional feature in new XLERATOR, XLERATOReco and ThinAir units or can easily be retrofitted into existing XLERATOR and XLERATOReco units.

ANTIMICROBIAL WALL GUARDS

Designed to fit securely below your Excel Hand Dryers, protecting your walls from water droplets that can be blown off wet hands by the powerful airstream. Stainless Steel and Microban® technology inhibits the growth of bacteria and it will not wash or wear away and lasts the lifetime of the product.

BACTERIA COUNTS BEFORE WASH AND AFTER DRY

(DRYING WITH PAPER TOWELS OR XLERATOR® HAND DRYER)



Michrochem Laboratory is a contract microbiology lab offering a broad range of testing capabilities performed by a staff of specialized, experienced microbiologists. The graph shows the average number of bacteria (CFU = Colony Forming Units) present before washing and after drying.

"There are no differences in the efficiencies of removing bacteria from washed hands when hands are dried using paper towels, cloth towels, warm forced air or spontaneous evaporation."

– Mayo Clinic Proceedings, Vol. 87, Issue 8

"Researchers at Laval University in Quebec City evaluated bacterial contaminants found on unused paper towels and found 17 species of bacteria on the paper towels with the most common being Bacillus, which causes food poisoning."

– American Journal of Infection Control, Vol. 40

LEARN MORE AT EXCELDRYER.COM/HYGIENE

[1]Based on testing performed by LMS Technologies, 2023.