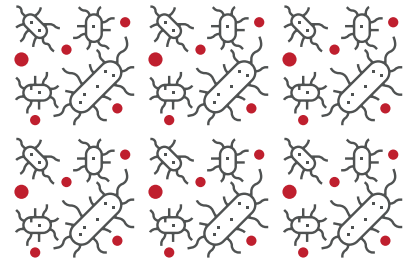


PAPER TOWELS VS. AIR DRYERS...FACTS YOU SHOULD KNOW

BACTERIALLY CONTAMINATED AIR WAS FOUND TO BE EMITTED WHENEVER A WARM AIR DRYER WAS RUNNING

even when not being used for hand drying, also showing evidence of the presence of potential pathogens.¹



HAND DRYERS in washrooms CAN DEPOSIT BACTERIA



including potential pathogens, on surfaces and the hands of users. Bacterial spores can be dispersed to other rooms over large distances throughout a building.²

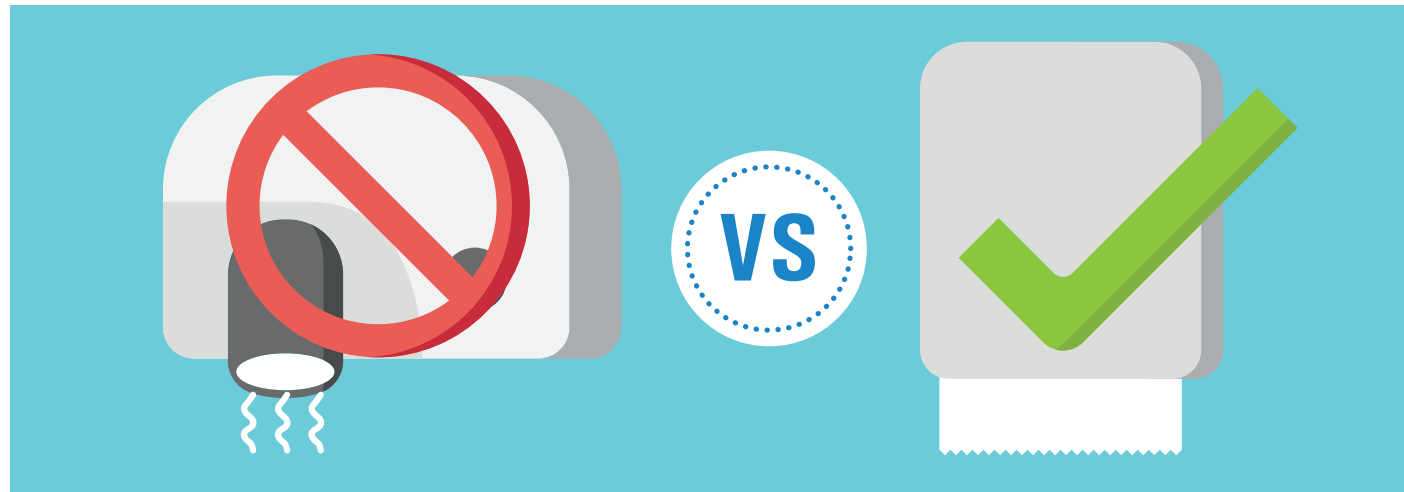
The World Health Organisation has said that

HAND DRYERS ARE NOT EFFECTIVE IN KILLING CORONAVIRUS³



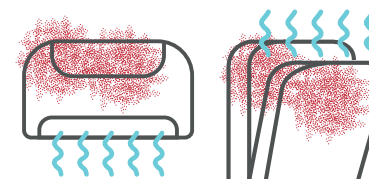
The NHS advises

DRYING YOUR HANDS THOROUGHLY USING PAPER TOWELS AFTER WASHING HANDS⁴



JET AIR AND WARM AIR DRYERS RESULT IN INCREASED BACTERIAL AEROSOLIZATION WHEN DRYING HANDS

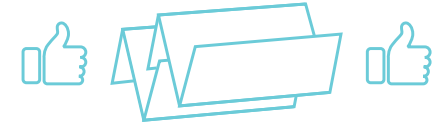
Air dryers may be unsuitable for use in healthcare settings, as they may facilitate microbial cross-contamination via airborne dissemination to the environment or bathroom visitors.⁵



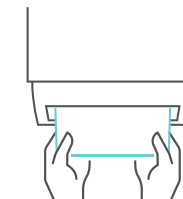
The transmission of microbes is more likely to occur from wet skin than dry skin. Hand drying is integral to effective hand hygiene.

Disposable

PAPER TOWELS OFFER THE MOST HYGIENIC METHOD OF HAND DRYING⁶



There are significant differences and generally LOWER LEVELS OF MICROBIAL CONTAMINATION IN WASHROOMS WITH PAPER TOWELS



than in washrooms with jet air dryers. A greater range of microbes was received from the jet air dryer washroom, the floor and dryer unit were more heavily contaminated, and mean counts of microorganisms recovered from the air were 1.6 times higher.⁷

1 <https://www.sciencedirect.com/science/article/pii/S1319562X15001539>

2 <https://europeantissue.com/hygiene/studies/university-connecticut-study-bacteria-spores-dispersion-hand-dryers/>

3 <https://europeantissue.com/wp-content/uploads/2020/03/news-on-Coronavirus.pdf>
<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public/myth-busters>

4 <https://www.nhs.uk/live-well/healthy-body/how-to-prevent-germs-from-spreading/>

5 <https://www.ncbi.nlm.nih.gov/pubmed/25237036>

<https://europeantissue.com/hygiene/studies/pilot-study-suggests-environmental-microbial-contamination-risk/>

6 <https://journals.sagepub.com/doi/full/10.1177/1757177418815549>

7 [https://www.journalofhospitalinfection.com/article/S0195-6701\(17\)30389-4/fulltext](https://www.journalofhospitalinfection.com/article/S0195-6701(17)30389-4/fulltext)