

# Studies Show Paper Towels Have the Upper Hand on Drying.



## HYGIENE

From a hygiene viewpoint, **paper towels are superior to electric air dryers** and paper towels can dry hands efficiently, **remove bacteria effectively** and cause **less contamination** of the washroom environment. **Paper towels should be recommended** in locations where **hygiene is paramount**, such as hospitals and clinics.<sup>1</sup>



## CONSUMER PREFERENCE

Consumers prefer **automated paper towel systems** over air dryers **2.5 to 1**.<sup>2</sup>



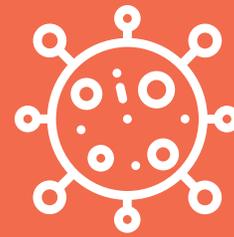
## EFFICIENCY

**Air dryers may be less practical** because of the **longer time needed to achieve dry hands**, with a **possible negative impact** on hand hygiene compliance.<sup>3</sup>



## NOISE

Many **hand dryers operate at levels far louder** than their manufacturers claim and at levels that are clearly **dangerous to children's hearing**.<sup>4</sup>



## SPREADING GERMS

**Jet dryers disperse 20 times more virus** than warm air dryers and **over 190 times more virus than paper towels**.<sup>5</sup>

### Sources:

1 Huang, C., Ma, W., & S Tack, S., August 2012. "The hygienic efficacy of different hand-drying methods: a review of the evidence." Mayo Clinic Proceedings, 87(8), 791-798. Doi:10.1016/J. Mayo cp. 2012.02.019

2 GP PRO Proprietary Research: CPT-18-1829

3 World Health Organization Guidelines for Hand Hygiene in Healthcare (2009) (Section 11.1.5, pg 31)

4 Nora Louise Keegan, Children who say hand dryers 'hurt my ears' are correct: A real-world study examining the loudness of automated hand dryers in public places, Paediatrics & Child Health, pxz046, <https://doi.org/10.1093/pch/pxz046>

5 Kimmitt, p. T. And Redway, K. F., "evaluation of the potential for virus dispersal during hand drying: a comparison of three methods." National center for biotechnology information (NCBI), U.S. National Library of Medicine. Journal of Applied Microbiology, February 2016, volume 120, issue 2, 478-486