



**FALCON**  
WATERFREE TECHNOLOGIES

## QUOTES FROM RESEARCH



"Waterfree urinals would result in a significant improvement in public restroom hygiene. Flush type urinals are far more likely to be colonized by bacteria because of the greater presence of moisture, to serve as reservoirs of diseases causing microorganisms, and to cause the widespread dissemination of microorganisms in a restroom because of the generation of aerosols during flushing."

Dr. Charles P. Gerba, Ph.D.  
Professor of Environmental Microbiology  
Consultant to the World Health Organization  
And the United States Environmental Protection Agency  
Department of Soil, Water and Environmental Science  
University of Arizona



"...The dual barrier systems provided in the Falcon Waterfree Technologies urinals are predicted to be 500 times more effective against the back migration of sewer gases as compared to conventional P-trap water barriers."

Dr. Michael Hoffman, Ph.D.  
Dean of Graduate School  
James Irvine Professor of Environment Science  
California Institute of Technology



"...Replacement of a standard water-flushing urinal with the waterfree urinal by Falcon Waterfree would yield a competitive rate of return and would not result in any increase in rest room odor or bacterial growth."

Dr. Birgitte K. Ahring, Ph.D.  
Professor of Environmental Engineering  
Department of Civil and Environmental Engineering  
University of California Los Angeles





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"The amount of water that could be saved by adopting the new [waterfree] technology could easily approach three-quarters of a billion to a billion gallons annually."

Research study evaluating Los Angeles' water supply by  
Dr. William S. Comanor, Ph.D.  
Professor of Economics  
University of California, Santa Barbara



"Waterless urinals do not represent any increased health risk when compared with conventional automatic flush urinals and are clearly superior to manual flush urinals. Furthermore, waterless urinals may reduce the risk of bacterial and viral exposure. They are clearly more economical to install and maintain and save considerable water and are therefore better for our environment."

Edward L. Schnieder, M.D.  
Executive Director  
Andrus Gerontology Center  
University of Southern California  
Professor of Medicine  
The Keck School



"By installing a waterless urinal, with predominantly dry surfaces and no flushing actions, the exposure to airborne bacteria is reduced tremendously."

"With proper attention, the maintenance requirements for a waterless urinal are absolutely minimal compared with keeping mechanical flush systems operational and leak free."

Brian Yeoman  
The University of Texas  
Health Science Center at Houston



**SCS ENGINEERS**

"...A touch free system such as those employed by automatic flush valves and zero water consumption urinals would in fact reduce potential exposure over urinals incorporating traditional manual flush valves."

Michael D. Geyer  
Certified Industrial Hygienist  
SCS Engineers



"No discernable differences in ammonia concentrations were detected between non-water urinal, water urinal and toilets. Detectable levels (for non-water urinals) were well below the average person's threshold for detecting ammonia."

Pacific Northwest National Laboratory  
United States Department of Energy

