

# EXCLUSIVE COLD PLASMA CLEAN® TECHNOLOGY



*Have you ever hiked to a mountaintop and experienced how clean and crisp the air was? Or walked along the beach after a storm and noticed how natural and fresh the air smelled? If you have, you've experienced the benefits of Cold Plasma.*

Cold Plasma is ionized air. It's also known as the fourth state of matter. Since the 1930's, scientists have understood that ionizing air into cold plasma can kill many common germs including bacteria, viruses and mold spores. To learn more about the science behind our Cold Plasma Clean technology, please download our free [white paper](#).

Our **EXTREMEAIR CPC** hand dryer features a high performance cold plasma generator.

Our patented generator uses a process known as bipolar ionization to create up to 200 million ions that clean the air as it goes through the dryer. Our exclusive generator is 100% maintenance free, uses no expensive filters, no chemicals and doesn't create harmful levels of ozone.

## THE RESULTS SPEAK FOR THEMSELVES

Since the **EXTREMEAIR CPC** is the first hand dryer to employ Cold Plasma Clean® technology, we had to conduct vigorous research to determine the most appropriate test standards. After consulting with leading regulatory microbiologists and some of the best research labs in the country, it was determined that ASTM International Standard E1153 could be modified to test the efficacy of our dryer with cold plasma technology. Two independent microbiology laboratories, EMSL and ATL were selected to conduct the testing based on their credentials. EMSL Labs is an elite CDC-certified lab with AIHA accreditation in industrial hygiene and environmental microbiology. Antimicrobial Test Labs, ATL, is a GLP-compliant laboratory audited by the EPA and FDA.

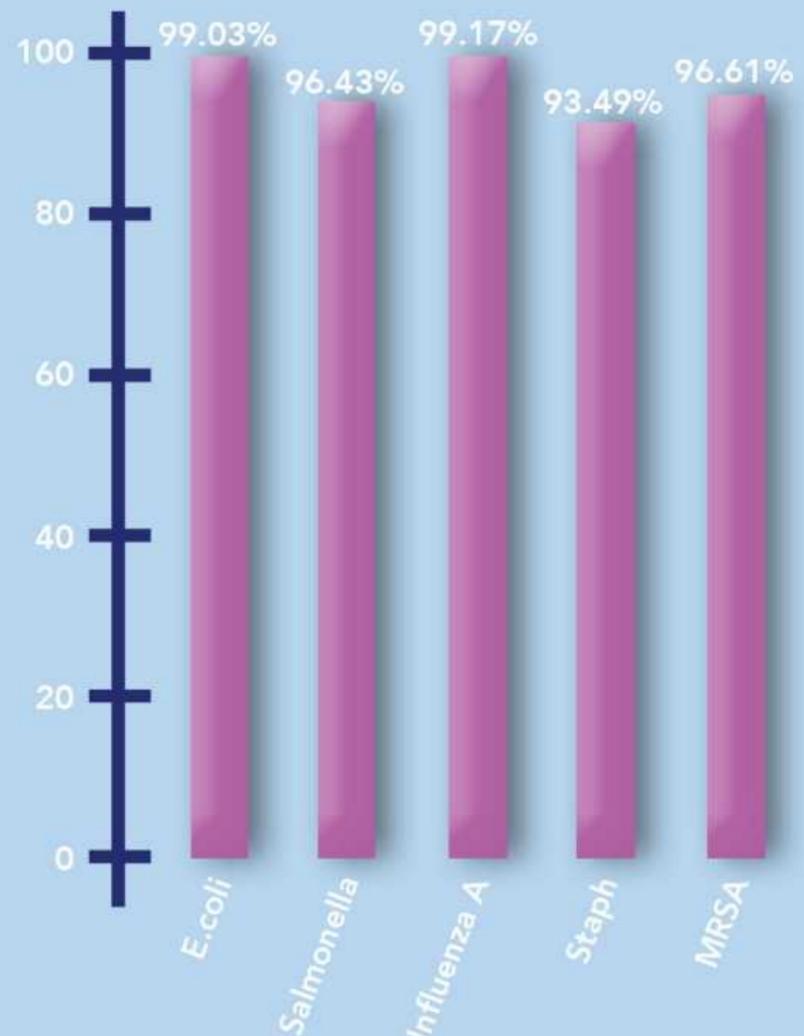
The **EXTREMEAIR CPC** hand dryer is considered a pesticidal device by the US Environmental Protection Agency (EPA) and is made at our factory in the USA. Our EPA Establishment Number 091022-MI-001.

The **EXTREMEAIR CPC** is not a medical device and as such is not intended to diagnose, cure, mitigate, treat or prevent disease. This hand dryer is not intended to clean the air in the entire restroom.

Contact American Dryer for complete details on the testing.



### LAB TEST RESULTS – AVERAGE REDUCTION RATES



Average reduction rates on tests performed by EMSL and ATL Labs to modified ASTM International Standard E1153. Testing conducted under lab conditions only. Your results may vary. Sample microorganisms were placed under the dryer nozzle for 35 seconds. Underwriters Laboratory undertook air quality testing to its UL867 Standard for Electrostatic Air Cleaners and to California Air Resources Board (CARB) standards for ozone emissions.