

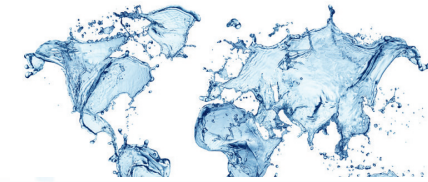
# Tested by



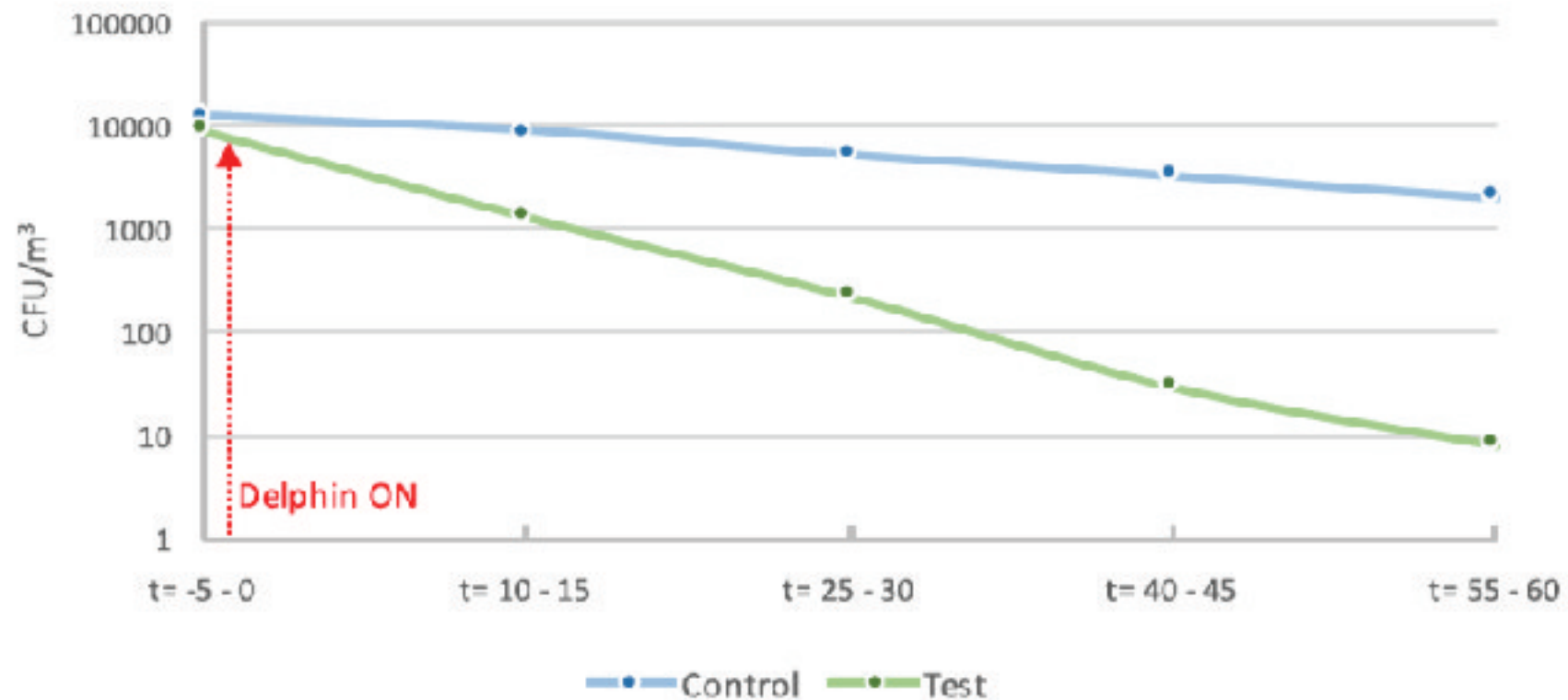
## Virus and Bacteria:

Influenza types A and B are responsible for epidemics of respiratory illness that are often associated with increased rates of hospitalization and death. During the 20th century, the only influenza A subtypes that circulated extensively in humans were (H1N1) Spanish Flu; (H1N2); (H2N2) Asian Flu; and (H3N2) Hong Kong Flu. A new strain of influenza A, H1N1 emerged in 2009 called 'Swine Flu' as it originated in swine and spread to humans. More recently in 2013, a new strain of Avian Influenza A, H7N9 has infected people in China and is believed to be from exposure to infected poultry.

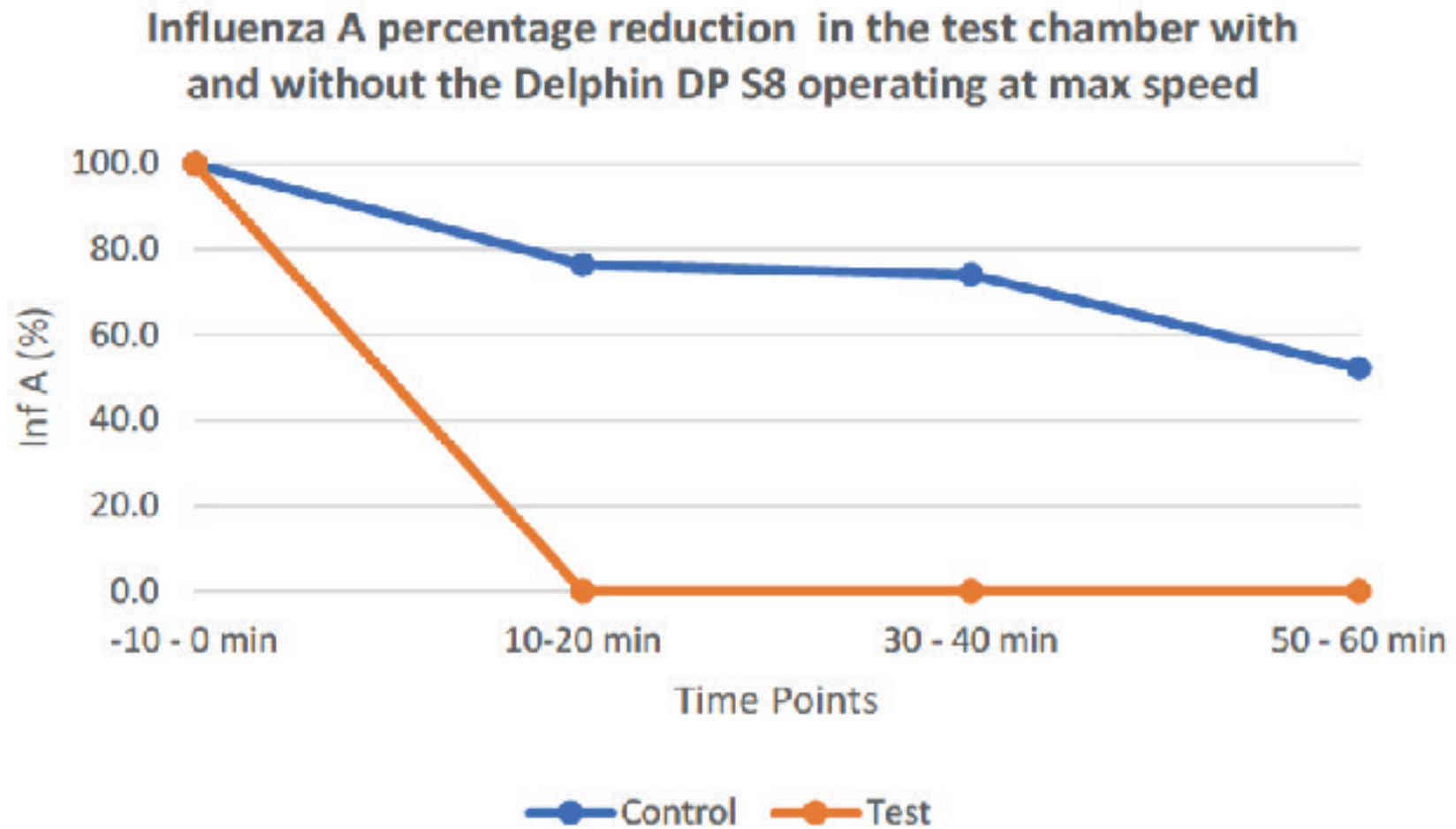
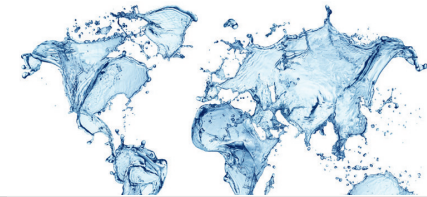




Number of CFU/m<sup>3</sup> during test and control of Delphin  
*Staphylococcus epidermidis* study



**Figure 3.3.** Concentration of *S. epidermidis* within the environmental test chamber during test runs and control runs.

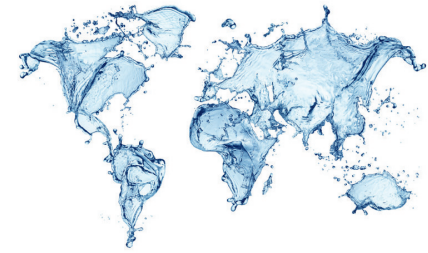


**Figure 3.6.** Average Influenza A percentage reduction during test and control runs (n=3).



# Final result

DELPHIN Conference 2017



## Conclusions

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The Delphin DP S8 (in air cleaner mode) was demonstrated to be effective in reducing airborne *S. epidermidis*, 99.6% within 50-60 minutes of operation, and Influenza A, 99.9% within 10 - 20 minutes, when operating at the highest speed in the test chamber.

