Dear;

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ELSON AIR TECHNOLOGIES INDUSTRY INC.

FILTER OUTLET OF FROUMANN N90 and N100 BRAND HEPA FILTERED AIR CLEANER DEVICE MICROBIAL EFFICIENCY ANALYSIS

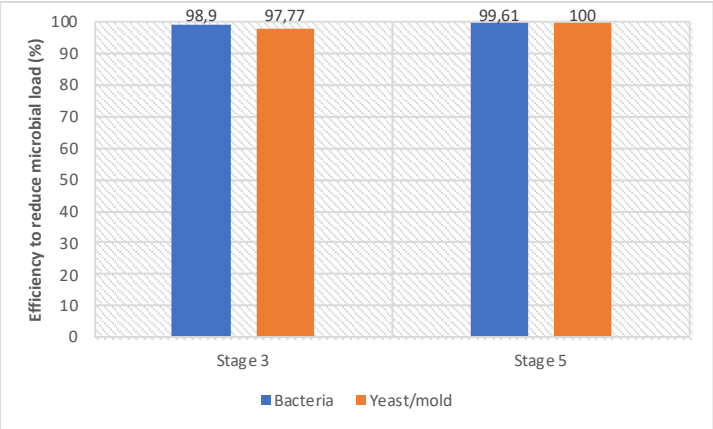

Figure 1. Efficiency of reducing the microbial load of the filter outlet when operating the Froumann N90 model air cleaner at the 3rd and 5th stage.

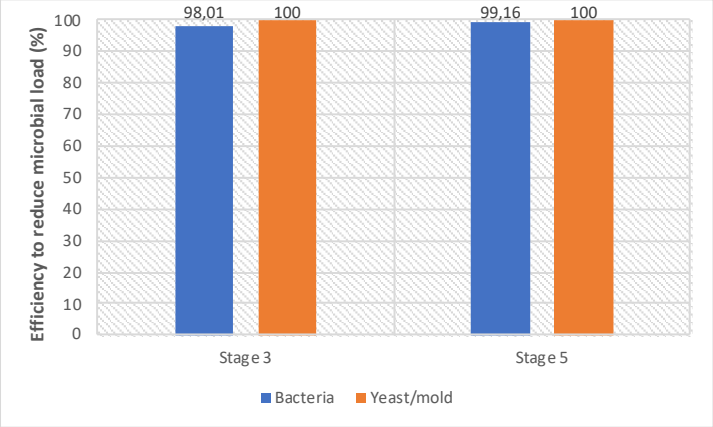

Figure 2. Efficiency of reducing the microbial load of the filter outlet when operating the Froumann N100 model air cleaner at the 3rd and 5th stage.

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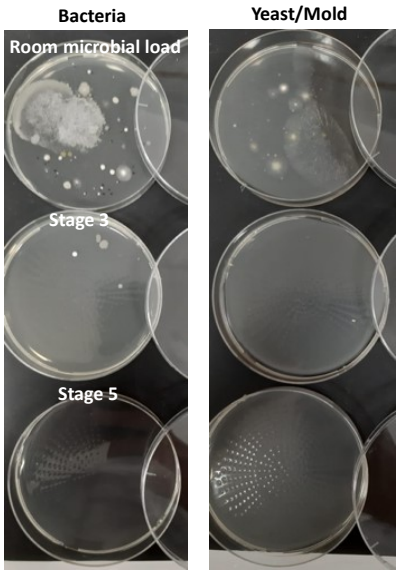

Figure 3. Froumann N90 model air cleaner in the 3rd and 5th stages filter output microbial load when operating

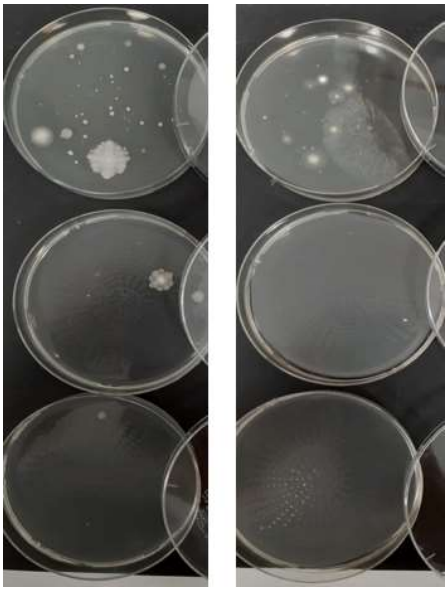

Figure 5. Froumann N90 model air cleaner in the 3rd and 5th stages filter output microbial load when operating

FILTER OUTLET OF FROUMANN N90 and N100 BRAND HEPA FILTERED AIR CLEANER DEVICE MICROBIAL EFFICIENCY ANALYSIS REPORT

Microbiota personnel carried out studies with Froumann N90 and N100 air cleaning devices in a closed area without any air circulation. Samples were taken from the hepa filter air outlet point using an air sampling device (Mas-100 ECO) after the device was not turned on and the device was operated in the 3rd and 5th stages.

Hepa filter efficiency was evaluated and at the end of analysis, 98 % of the bacterial load and 100 % of yeast/mold load at the hepa filter air outlet point were decreased when Froumann N90 model air cleaning device was worked at third stage. 99 % of the bacterial load and 100 % of yeast/mold load at the hepa filter air outlet point were decreased when Froumann N90 model air cleaning device was worked at fifth stage (Figure 1 and Figure 3). The same experiments were done by Frouman N100 device and 98 % of the bacterial load and 97 % of yeast/mold load at the hepa filter air outlet point were decreased at third stage and at the fifth stage 99 % of the bacterial load and 100 % of yeast/mold load at the hepa filter air outlet point were decreased (Figure 2 and Figure 4).