



UTAP. RESEARCH AND DEVELOPMENT OF AIR TREATMENT AND PURIFICATION EQUIPMENT



UTAP

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Summary

The project UTAP develops technological solutions for cleaning and purification of indoor air. In the context of COVID-19 pandemic, new solutions to reduce the risk of airborne infection are required. Different air cleaning technologies such as air filtration, ultraviolet radiation (UVC), among others, should be tested in order to quantify the reduction of airborne risk infection.

The solution proposed in UTAP Project will respond in an innovative way to the technological needs to achieve a safe and secure indoor environment for persons. Healthy indoor environments will be greatly improved by using these air cleaning and purification technologies.

The consortium of the project is formed by companies specialized in each area: KEYTER manufacturing of HVAC and air purification equipment, INTARCON manufacturing of refrigeration equipment and GENAQ manufacturing of drinkable water generation equipment.

The University of Córdoba will collaborate with the companies KEYTER, INTARCON and GENAQ to design, develop and test new prototypes within the project based on air cleaning and purification technologies. Also, the University of Córdoba will be responsible to develop a mathematical model in order to analyze the efficiency of air treatment and purification equipment.



Researchgroup TEP974