

## Healthy air for enclosed spaces

*With the Adeco system by Rielco*

Inside enclosed and air conditioned rooms, the only exchange of air, as established by the regulations, does not ensure that the air is healthy, or that it records the lowest possible degree of pollution caused by the microbial load of bacteria, viruses and moulds, from small particulates and volatile organic compounds (voc) in the air and on surfaces. So explain engineer Carmine Rinaldi, director of Rielco, a company that designs and manufactures thermo-mechanical systems and that, for years, has developed Adeco. “It is a system – he details - to be inserted in existing or new systems and which, thanks to a com-

bination of different technologies, makes it possible to sanitise the air through design solutions suitable for each specific need of the environments. The air is sanitised upstream of the ducts through the introduction of active hydroxyls that break down the various polluting agents, the size of less than a micron, therefore including the droplet”, or the droplets responsible today for circulating the virus that causes the COVID-19. “The abatement of gaseous contaminants in the air occurs through reactions capable of oxidising the compounds up to their final oxidation stage, thus sanitising the air in the rooms”, he concludes. ■



CARMINE RINALDI,  
DIRECTOR OF RIELCO