



*Unique sustainable products for a healthy inside climate*

CASol is an innovative Dutch company that develops and produces products that support achieving a better indoor air quality.

Providing we don't compare with polluted industrial areas, often the air quality in our buildings is much worse than outside due to several deficiencies of our buildings. Many solutions are found in air purification or ventilation, but these are not always adequate.

Brainy : Measures and controls; the unique self regulating air cleaning system

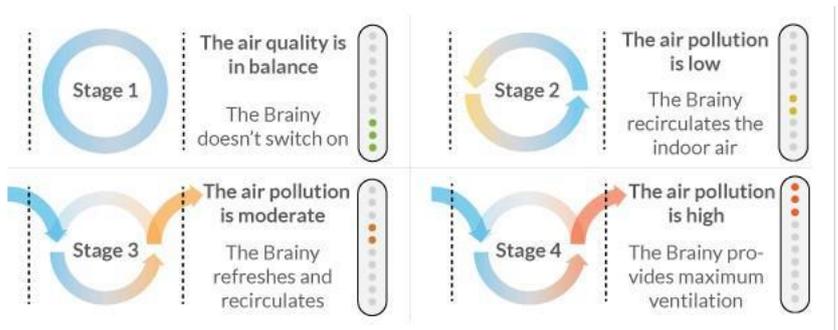
If the air quality measurements show that the existing ventilation is not sufficient to clean the indoor air, we advise to switch to the Brainy.

Based on the same techniques that are incorporated in the Canary, the Brainy continuously measures the composition of the air and also controls the associated filter / ventilation equipment.

For instance: in case a big open office, or a classroom, when many persons are present, the CO2 level will increase the Brainy automatically adjusts the CO2 filtration. The same applies to the possibility of filtering out the VOC's, controlling the space temperature, but also the oxygen level.

The practical result is that there is always healthy fresh air. The Brainy proves it in the toughest conditions, such as a security institute where one works with toxic gases in indoor spaces, but where also lessons and instructions are given . But also in a number of public schools , which now, thanks to the Brainy not had to invest on a totally new ventilation system : a cost reduction of more than 50% !

Stand-alone installation or complement to existing mechanical ventilation, both solutions are possible. Suppose in a building there are particularly serious problems in some specific areas or classrooms. The Brainy offers the possibility only treating the air in those spaces. The measuring units will be mounted in those areas, and the filter / ventilation unit can operate separately for those areas. Should it be possible that the existing mechanical ventilation can be adjusted to co-operate with the Brainy, then that is obviously a good and affordable solution. The measuring units per (class)room are then customized connected.



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