

GE.PI

Decontamination system with hydrogen peroxide

GE.PI is a vaporized hydrogen peroxide generator, suitable to biodecontaminate containment areas (such as pass boxes, isolators, lyophilizers, ecc), thermolabile products and conditioning systems.

The basic concept on the basis of which GE.PI has been developed is the achievement of the objective with the minimum effort and the lowest energy consumption, not to damage the environment.

The reduction of the bacterial load with vaporized H_2O_2 is a widely employed strategy in different fields: pharmaceutical, biotech, food, hospital.

The purposes are:

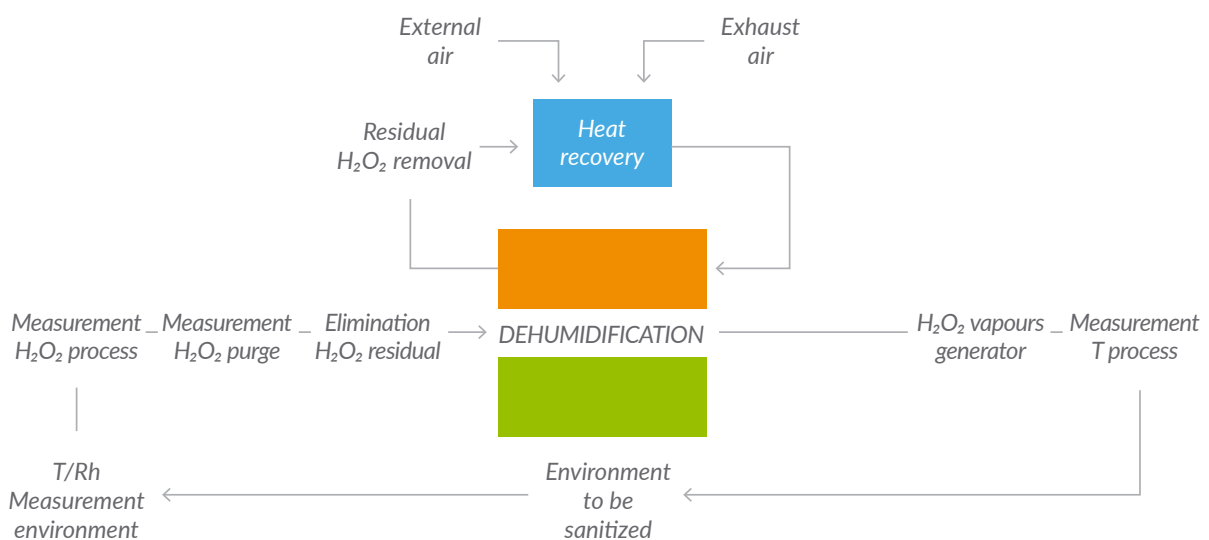
- To decontaminate without increasing load and environment temperature.
- To decontaminate with the lowest consumption of H_2O_2 and energy.

GE.PI generator is designed to be part of a system.

Power and electrical panels are integrated into the equipment.

The H_2O_2 container housing is remote in the most suitable position to facilitate access and maintenance.

In addition, the electronics can be implemented both to integrate the main plant functions and to interact with a supervision system.



CONCEPT 1: sterilize without increasing load and environment temperature.

CONCEPT 2: sterilize with the lowest consumption of H_2O_2 and energy.