

P-SLF-Box

Bacteria, viruses, phages, oil mist, water and dust in the ambient air are the main reasons for the microbiological spoilage of the products.

Sterile air creates aseptic conditions in pressurised and in open storage or mixing tanks and in filling machines. A continuous exchange of the air cushion and a slight overpressure in this critical area reduces the risk of a secondary contamination with ambient air.

Specially for these production processes where bacteria and phage free air is required ultrafilter developed the autarkic sterile air box P-SLF. With eight different sizes from 30 m³ /h (18 cfm) to 910 m³ /h (537 cfm) it is possible to produce sterile air in the most cost efficient way. The P-SLF box is available in a mobile and a stationary version and can be sanitised with saturated steam. The P-SLF box is used in applications within the food and beverage, the chemical, the pharmaceutical and the cosmetic industry.

Product description:

The filtration system is a compact unit consisting of a pre- and sterile filter with a low pressure blower. With a very low overpressure the sterile air is transported into the storage tank. This constant air exchange prevents the growth of bacteria, viruses and phages which the ambient air contains.

New Unique Sterile Air Technology

from 

