

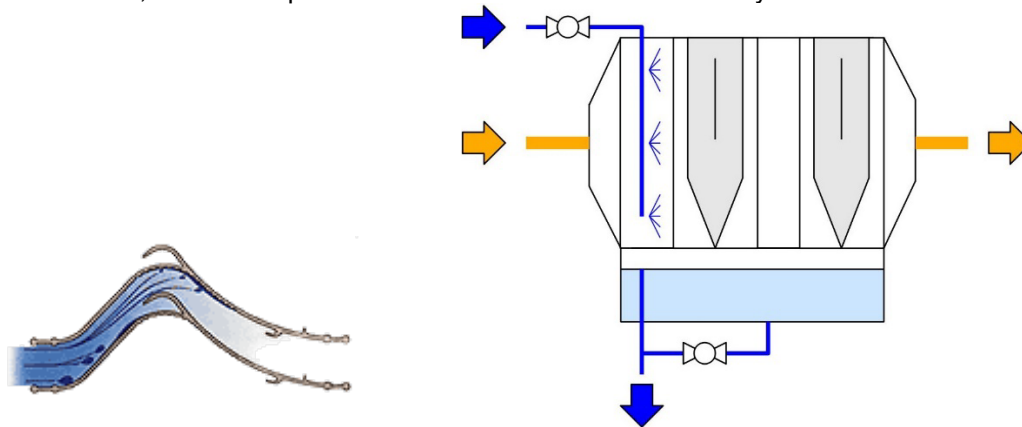
# Mist eliminator for ventilation systems

**Version** The Colasit mist eliminator in plastic for corrosive exhaust air and gases consists of a rectangular housing, incorporated with standard separation packs in a two-layer configuration. The packs can be removed from the side for cleaning. All components are made of thermoplastic synthetics.

Material housing: PP, PPs, PPs-el, PE, PVC, PVDF  
Material Separator packages PP, PVC

**Fields of Applications** Mist eliminators are used wherever droplets of pollutant or process materials must be removed from liquid-laden waste air. This is the case, among others, in the surface-treatment, chemical, and electronics industries.

**Function** The waste air drawn in by a plastic ventilator is passed through a grid section with repeated changes of direction. Because of their inertia, the droplets collide with the walls of the section, are then separated and can be removed from the system below.



Operating principle of a lamellar separator

Schematic function diagram

**Performance** The separation capacity is characterised by the smallest separable droplet (droplet limit). The sections used by COLASIT are optimally designed for each requirement. The rate of separation amounts to 99.9% of all droplets which are bigger than the droplet limit diameter.

**Aerosols** If the waste air tends to form aerosols these can be effectively separated with a specially sized mesh.

