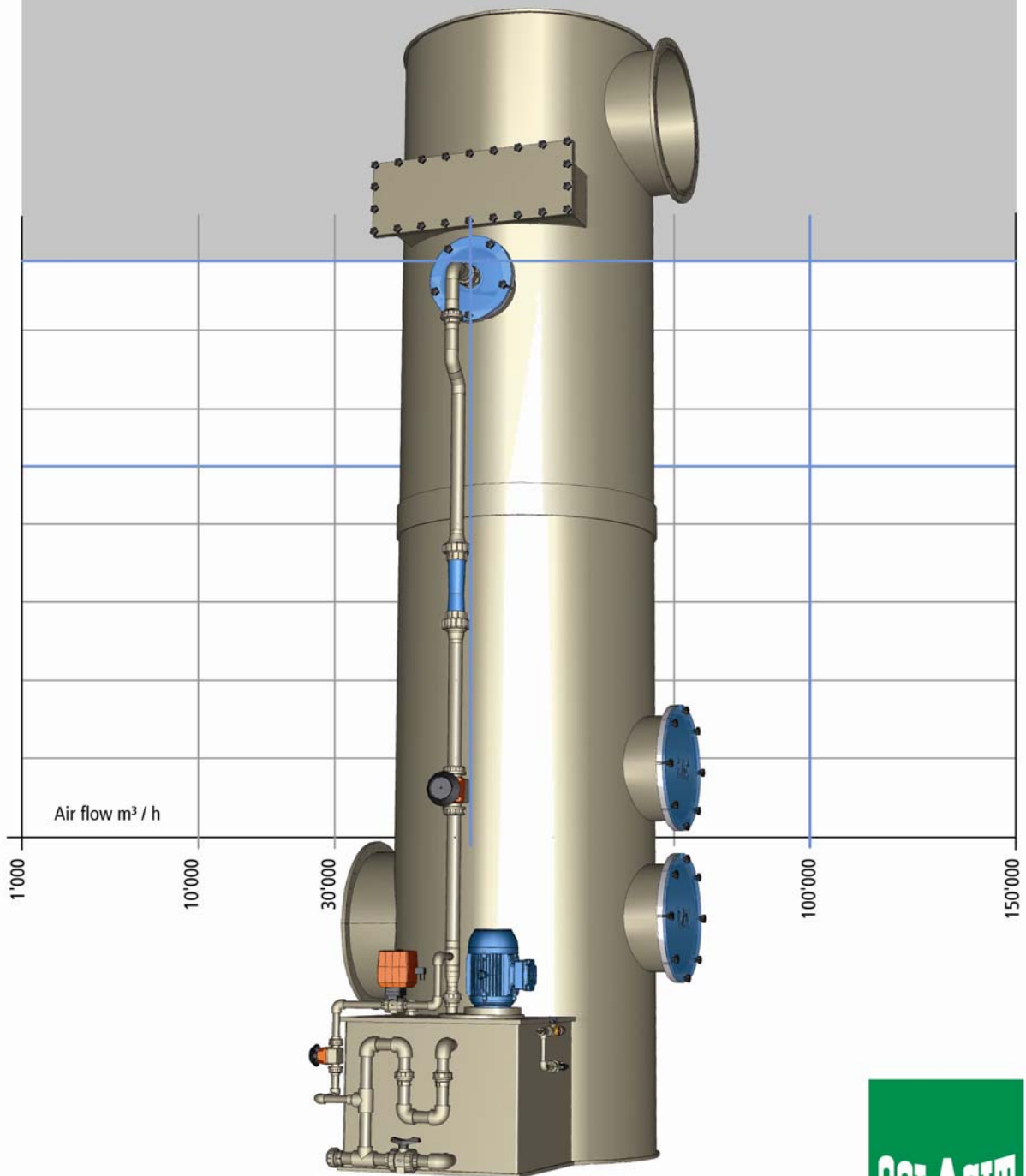


ENVIRONMENTAL TECHNOLOGY



# Counter flow- Scrubber RVE

in plastic



[www.colasit.com](http://www.colasit.com)

# Counter flow SCRUBBER RVE in plastic

## Application

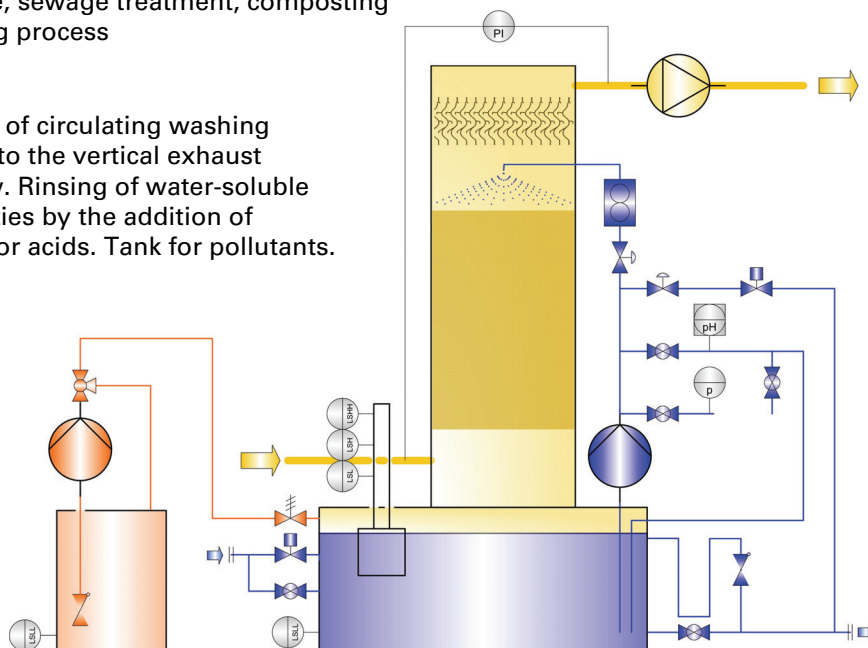
Purification of highly polluted exhaust air with acidic or alkaline contamination.

Mainly used in:

- Food industry
- Pharma, chemical and biochemical industry
- Surface treatment and solar technology
- Semiconductor and clean room
- Waste, sewage treatment, composting
- Drying process

## Principle

Dosing of circulating washing fluid into the vertical exhaust air flow. Rinsing of water-soluble impurities by the addition of alkalis or acids. Tank for pollutants.



## Features

Efficiency:

up to 99,9 %

Air flow:

standard up to 60'000 m<sup>3</sup>/h  
(higher air volumes on request)

Gas temperature:

-30 to +120 °C (according to material)

Working pressure:

+/- 1'500 Pa (according to material)

## Construction

Scrubber made of corrosion-resistant plastics: PP, PPs, PE, PVC, PVDF, GFK. The packing inside the column ensures sufficient surface area between gas and fluid phase. Prevention of liquid discharge by mist eliminator after cleaning phase.

## EX-proof



Available for ATEX zones 1+2

## Accessories / Options

- pH-reading, conductivity measuring
- Chemical dosing unit, dosing tank
- Automatic shedding of pollutant
- Outdoor installation, heating systems
- Sloping base

## Dimensioning

Individual dimensioning, according to your needs.

COLASIT AG  
Plastic construction  
CH-3700 Spiez

