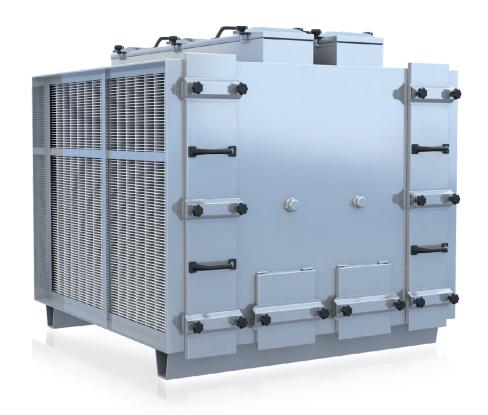
::: CLIMECON

TPC



TPC air purifier

TPC is a chemical air purifier for high background levels.



The **TPC** purifier series is designed for use in extremely demanding conditions. It is typically used for removing harmful odors from wastewater systems and composting plants.

The device is also well suited for protecting electronic and electrical devices against airborne corrosion in industrial environments. The TPC purifier includes a two-stage chemical filter with pre- and post-filtering.

Purifier unit

Structural material: acid-resistant steel Connection: flange joint Sturdy stand profiles Sealed door and hatch structures

Fields of use

- lacktriangledown Electronic and electrical spaces in process industry
- Wastewater treatment plants

Chemical filtration section

Two-stage medium space, each 30 cm deep Refilling and emptying hatches Sampling connections Interface and by-pass flows structurally prevented



♣ Control rooms♣ Composting plants

Other equipment

Pre-filter: filtration class M5 Post-filter: filtration class F9

Accessories

Differential pressure gauges for the pre- and post-filters

Scaling

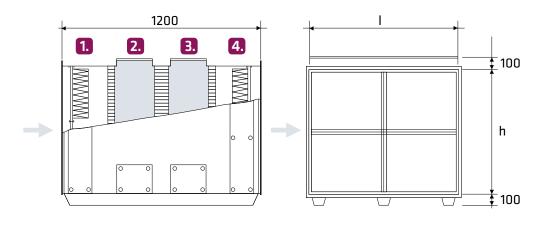
The contaminant removal efficiency of TPC air purifiers is over 99.9%. The delay of the air flow in the filtration material is scaled between 1.5 and 3 seconds.

Scaling

SCALING/DELAY 1,5 3 Total media 1 h seconds seconds volume min. dm³/s dm³ Type mm min. dm³/s mm **TPC 500** 600 600 150 75 240 TPC 750 600 900 220 110 350 TPC 1000 600 1200 300 150 470 TPC 1500 1200 900 450 225 700 920 TPC 2000 1200 1200 600 300 TPC 3000 1200 1800 900 450 1370 TPC 4000 1800 1800 1300 650 2020 TPC 5000 1800 2100 1600 800 2670

NOTE! The purifier's pressure loss normally varies from 500 to 2,000 Pa depending on the air flow, medium and equipment.

Contact Climecon for the exact values.



- 1. Pre-filter
- **2.** Chemical filter section, 1st stage
- **3.** Chemical filter section, 2nd stage
- 4. Post-filter