

CleanAirTower

Art. No.: 390 620



Applications

- Workshops where local exhaust ventilation is not possible
- To complement local exhaust ventilation systems
- Environments with changing sources of smoke and dust
- Workstations, Workshops, Logistic and distribution centres

Benefits

- Effective energy reduction of possible sparks and particles by the pinball method with 7 or more collision points
- Effective efficiency through tornado principle
- Minimization of heating costs due to air recirculation and air distribution
- Enormously long filter lifetime due to optimised air flow
- Increased safety with contamination-free dust disposal
- Low risk potential due to foreign bodies
- Cost-effective installation or retrofit, as no ductwork is needed
- New head element can be retrofitted to existing systems
- Safe transportation and easy installation by crane eyes
- Permanent operation by means of automatic dust disposal in dust collection bin

Properties

- Automatic filter cleaning
- Lifting eyes
- Effective baffle plates for spark pre-separation
- KEMPER-Cloud connection via mobile network*
- Contamination -free dust disposal in one-way containers.
- Optimised airflow
- Pinball method and tornado principle
- Displacement flow principle, recommended by health and safety bodies
- System barely generates air turbulence

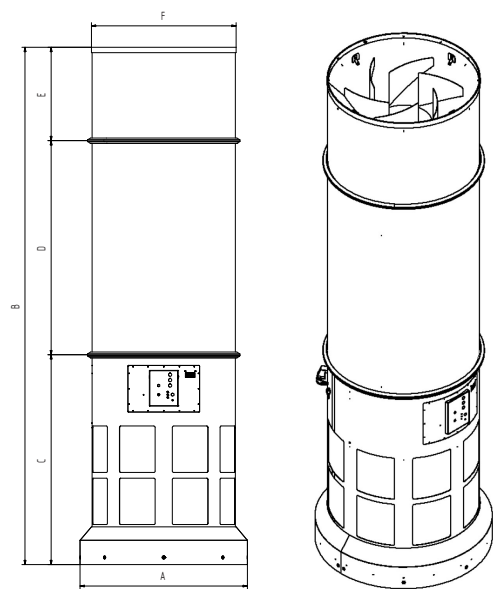
Accessories

- AirWatch



Technical Data

| Filter | |
|------------------------------------|---------------------------|
| Filter stages | 1 |
| Filter method | Cleanable filter |
| Filter cleaning method | Rotating nozzle |
| Filter surface | 20 m ² |
| Number filter elements | 3 |
| Filter surface total | 60 m ² |
| Filter material | PTFE-membrane |
| Filter efficiency | > 99.9 % |
| Dust classification | M |
| Basic data | |
| Extraction capacity | 6000 m ³ /h |
| Max. fan performance | 10800 m ³ /h |
| Height | 3617 mm |
| Diameter | 1172 mm |
| Weight | 666 kg |
| Motor power | 5.5 kW |
| Power supply | 3 x 400 V / 50 Hz |
| Rated current | 11 A |
| Control voltage | 24 V, DC |
| Noise level | 72 dB(A) |
| Additional information | |
| Fan type | Radial fan, direct driven |
| Compressed air supply | 5 - 6 bar |
| Capacity Dust collection container | 10 l |



Technical Data

| Dimensions | |
|------------|---------|
| A | 1172 mm |
| B | 3617 mm |
| C | 1463 mm |
| D | 1500 mm |
| E | 654 mm |
| F | 1004 mm |

The shown transition pieces are optional