

# 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

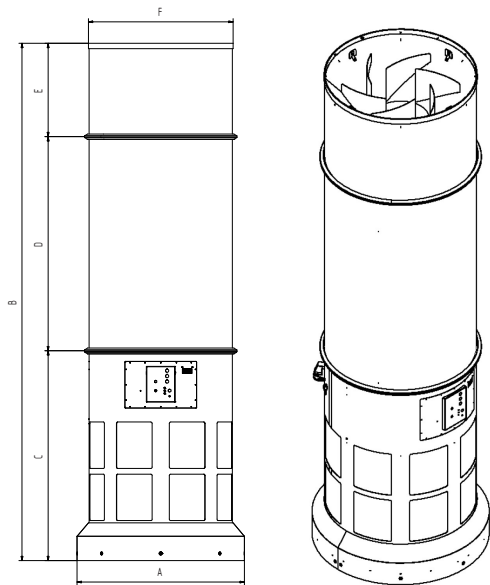
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	20 m <sup>2</sup>
Number filter elements	3
Filter surface total	60 m <sup>2</sup>
Filter material	PTFE-membrane
Filter efficiency	> 99.9 %
Dust classification	M

### Basic data

Extraction capacity	6000 m <sup>3</sup> /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