

CleanAirTower

Art. No.: 390 603



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

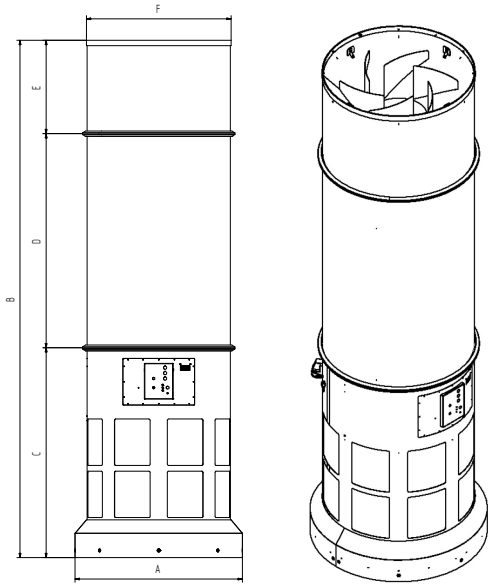
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	215 ft ²
Number filter elements	3
Filter surface total	646 ft ²
Filter material	PTFE-membrane
Filter efficiency	> 99.9 %
Dust classification	M

Basic data

Max. extraction capacity	6356 cfm
Extraction capacity	3531 cfm
Max. fan performance	6356 cfm
Height	142.4 in
Diameter	46.1 in
Weight	1469 lbs
Motor power	7.38 hp
Power supply	3 x 600 V / 60 Hz
Rated current	10 A
Control voltage	24 V, DC
Noise level	72 dB(A)

Additional information

Fan type	Radial fan, direct driven
Compressed air supply	73 - 87 PSI
Capacity Dust collection container	2 gal



Technical Data

Dimensions	
A	46.1 in
B	142.4 in
C	57.6 in
D	59.1 in
E	25.7 in
F	39.5 in

The shown transition pieces are optional