

CleanAirTower - Art. No.:390 600

- » Stand-Alone Installation
- » Principle of layer ventilation



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

- » Minimization of heating costs due to air recirculation and air distribution
- » Increased safety with contamination-free dust disposal
- » No dust distribution into clean areas, as barely any air turbulence is created
- » Cost-effective installation or retrofit, as no ductwork is needed
- » Safe transportation and easy installation by crane eyes
- » Permanent operation by means of automatic dust disposal in dust collection bin

Technical Data

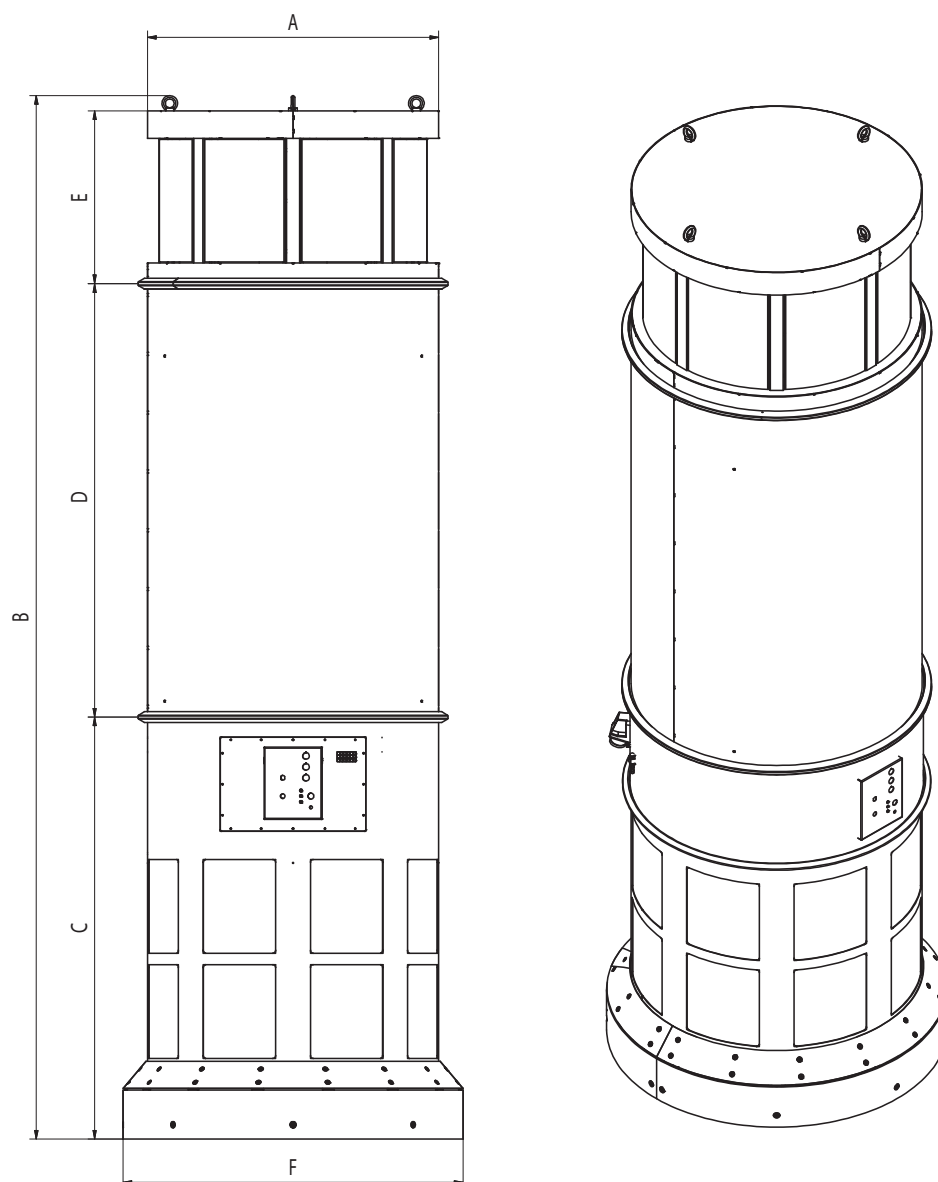
Art. No	390 600
Filter	
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	ca. 20 m ²
Number filter elements	3
Filter surface total	60 m ²
Filter material	PTFE-membrane
Filter efficiency	> 99.9 %
Dust classification	M
Basic data	
Extraction capacity	6,000 m ³ /h
Height	3,622 mm
Diameter	1,172 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	69 dB(A)
Additional information	
IFA-Certification	W3-Approved
Fan type	Radial fan, direct driven
Compressed air supply	6 - 8 bar
Capacity Dust collection container	10 l

Mode of operation

- » Extraction of ambient air via an integrated ventilator
- » The cleaned air is returned to the workspace by low level outlets
- » The warm cleaned air directs the welding smoke again towards the inlet grills and so, a slow air circulation and at the workstations is created.

Properties

- » Automatic filter cleaning
- » Lifting eyes
- » 360° Inlet grill
- » Contamination -free dust disposal in one-way containers.
- » Slow, low-impulse air circulation
- » Displacement flow principle, recommended by health and safety bodies
- » System barely generates air turbulence



Technical Data

Dimensions

A	1,004 mm
B	3,622 mm
C	1,463 mm
D	1,502 mm
E	600 mm
F	1,172 mm