

Cartridge Filter, Stationary - Art. No.:83 100 103

- » Automatic filter cleaning
- » Non-stop operation



Applications

- » High levels of smoke and dust
- » Non-stop operation
- » Two exhaust arms available

Benefits

- » High efficiency due to automatic filter cleaning
- » Less need to adjust the exhaust arm due to exhaust hood design
- » Best health protection for employees by use of KemTex® ePTFE filter cartridges with surface filtration
- » Low air consumption due to differential pressure-controlled cleaning

Properties

- » 360 degrees rotating exhaust hood with damper
- » Automatic filter cleaning, pressure-controlled
- » KemTex® ePTFE filter cartridges
- » Automatic Start/Stop (optional)
- » Lighting in the hood (optional)
- » Arm up to 10 m (with boom)
- » Available with two arms
- » Silencer
- » Control box

Scope of supply

- » Unit
- » Silencer
- » Control box
- » Exhaust arm with hood

Variants

- » Various arm lengths and versions
- » Other voltages

Accessories

- » Automatic Start/Stop
- » Lighting in the hood
- » On/Off switch on exhaust hood

Technical Data

Art. No	83 100 103
Filter	
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	ca. 8 m ²
Type of filter	Filter cartridge
Filter material	ePTFE-membrane
Filter efficiency	> 99.9 %
Dust classification	M
Basic data	
Extraction capacity	1.200 m ³ /h
Dimensions (w x d x h)	655 x 655 x 1,355 mm
Weight	142 kg
Motor power	1,5 kW
Power supply	3 x 400 V / 50 Hz
Rated current	3.5 A
Noise level	71 dB(A)
Additional information	
Fan type	Radial fan
Compressed air supply	5 - 6 bar
Quantity of extraction arms	1
Exhaust arm type	flexible exhaust arm
Diameter extraction arm	150 mm
Length of exhaust arm	5 m
Compressed air reservoir	25 l
Capacity Dust collection container	11 l



Suitable for alveole exchangeable dusts
separation > 99 % of particles < 0,4 µm