

Cartridge Filter, Stationary

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

Accessories

- » Automatic Start/Stop
- » Workplace lighting incl. on/off switch at the hood

Technical Data

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	146 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

- » Automatic filter cleaning
- » Non-stop operation



Single arm unit

Art. No.	Description
83 100 100	2 m Arm, flexible exhaust arm
83 100 101	3 m Arm, flexible exhaust arm
83 100 102	4 m Arm, flexible exhaust arm
83 100 103	5 m Arm, flexible exhaust arm
83 100 104	6 m Arm, flexible exhaust arm
83 100 105	7 m Arm, flexible exhaust arm
83 100 106	2 m Arm, rigid metal tube arm
83 100 107	3 m Arm, rigid metal tube arm
83 100 108	4 m Arm, rigid metal tube arm
83 100 109	5m Arm, rigid metal tube arm
83 100 110	6 m Arm, rigid metal tube arm
83 100 111	7m Arm, rigid metal tube arm

Twin arm unit

Art. No.	Description
83 200 100	2 m Arm, flexible exhaust arm
83 200 101	3 m Arm, flexible exhaust arm
83 200 102	4 m Arm, flexible exhaust arm
83 200 103	5 m Arm, flexible exhaust arm
83 200 104	6 m Arm, flexible exhaust arm
83 200 105	7 m Arm, flexible exhaust arm

also available in rigid metal tube arm version