

Cartridge Filter, stationary

..... **Non-stop operation**

🔄 **Automatic filter cleaning**



Applications

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

Properties

- 360 degrees rotating exhaust hood with damper
- Automatic filter cleaning, pressure-controlled
- KemTex® ePTFE filter cartridges
- Arm from 5 m with boom
- Available with two arms
- Silencer
- Control box

Benefits

- High efficiency due to automatic filter cleaning
- Less need to adjust the exhaust arm due to flow-optimised 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

Accessories

- Automatic start/stop
- Workplace lighting incl. on/off switch at the hood



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

Technical Data

Filter	
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	8 m ²
Type of filter	Filter cartridge
Filter material	ePTFE membrane
Filter efficiency	> 99.9 %
Dust classification	M
Basic data	
Extraction capacity - single arm unit	1200 m ³ /h
Extraction capacity - twin arm unit	2 x 700 m ³ /h
Max. fan performance	3000 m ³ /h
Dimensions (w x h x t)	655 x 655 x 1355 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
Compressed air reservoir	25 l
Capacity Dust collection container	11 l

* An overview of accessories and spare parts can be found at the end of this chapter

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	5 m Arm, rigid metal tube arm
83 100 110	6 m Arm, rigid metal tube arm
83 100 111	7 m 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
83 200 106	2 m Arm, rigid metal tube arm
83 200 107	3 m Arm, rigid metal tube arm
83 200 108	4 m Arm, rigid metal tube arm
83 200 109	5 m Arm, rigid metal tube arm
83 200 110	6 m Arm, rigid metal tube arm
83 200 111	7 m Arm, rigid metal tube arm