Is the air in your workshop bad?

The extraction of harmful substances at the point of origin, i.e. spot extraction, is still the most effective method of extraction and is indispensable in the welding process according to the new ISO 21904. Only in this way can welding fumes and other pollutants be almost completely collected.

In some working environments, on-torch extraction systems are not sufficient or are difficult to use, for example in

- Large workpieces
- Changing welding positions or
- Workstations located far apart

This is where general ventilation systems from KEMPER come in, providing optimum protection for the health of your employees and effectively cleaning all the air in the room. However, general ventilation systems should only be used as a supplement to on-torch extraction, since otherwise the employee could come into contact with welding fumes as soon as they arise.

By installing a general ventilation system you create a safe and above all clean working environment in which your employees feel comfortable. Machines and buildings on which dust can quickly accumulate remain clean. This not only benefits you, but also saves enormous cleaning costs.

In workshops and metalworking companies there are a wide variety of conditions and applications. That's why KEMPER, based on many years of experience, offers a wide variety of solutions for general ventilation.

CleanAirTower SF 9000

Room ventilation with storage filter

Beneficial air return

Applications

- Low to medium levels of smoke and dust
- To complement local exhaust ventilation systems
- Environments with changing sources of smoke and dust
- Workstations, Workshops, Logistic and distribution centres

Properties

- 360 degree extraction radius
- KEMPER-Cloud connection via mobile network*
- Slow, low-impulse air circulation
- Displacement flow principle, recommended by health and safety bodies
- Control via touch panel
- System barely generates air turbulence
- TurboBoost Function

Benefits

- Fleet management, remote maintenance and pre-noise maintenance using autarkic networking via mobile radio to the KEMPER cloud*
- Minimization of heating costs due to air recirculation and air distribution
- Low risk potential due to foreign bodies
- Cost-effective installation or retrofit, as no ductwork is needed
- Short-term increase in extraction performance due to TurboBoost function

Technical Data

Filter	
Filter stages	2
Filter method	Storage Filter
Filter surface	100 m²
Filter material	nano-cellulose
Filter efficiency	> 99.9 %
Dust classification	M
Basic data	
Extraction capacity	9000 m³/h
Height	3050 mm
Diameter	1172 mm
Weight	446 kg
Motor power	5.7 kW
Power supply	3 x 400 V / 50 Hz
Rated current	9 A
Control voltage	24 V, DC
Noise level	70 dB(A)
Additional information	
Fan type	Centrifugal fan with EC motor

Order Data

Art. No.	Description
390 450	CleanAirTower SF 9000

* Cloud function: Cloud use free of charge of 12 months

Replacement Parts and Accessories

Art. No.	Description
390 45 001	Main filter 100m²
109 05 49	Aluminum pre-filter