

# BMAIR

FILTER PRESSURIZATION SYSTEMS

## MAO-22

ROOF SYSTEM



### FEATURES MAO-22

- Ideal for exceptionally dusty environments
- Patented self-cleaning pre-filter (easy and fast changes)
- Filters for pollutants in separate compartment
- Sustainable and robust design
- Patented filter recognition

\* All products are tested on their filtering efficiency by an external laboratory and are EMC tested by TÜV Rheinland

### TECHNICAL DATA

Weight:	40 kg without filters
Dimensions:	677x827x343mm (LxWxH)
Gas filtration:	Active carbonfilter 10 to 31 kg
Particle filtration:	Filter P1(F5) / P3(H13/HEPA)
K-Factor:	3 to 23
Filter capacity:	74 Liters

Robust Hinges



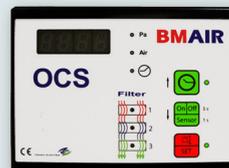
Standard



### TAC(S)

- Automatic pressure regulation
- Filter recognition in display
- Plug & Play
- Filterhourcounter
- HC-sensor PPM (only TACS)

Optional



### OCS

- Same options as TAC(S)
- Adjustable in display
- Datalogging
- Bluetooth datatransfer
- UMTS (optional)
- Multiple sensors available
- Flowsensor (optional)

# Combifilters

MAO-22



## PARTICLE COMBINATION:

### Asbestos

Toxic fine particles, asbestos and heavy metals.

Efficiency of > 99,995%

\* High: Maximum capacity for pre-filtering.

## ACTIVE CARBON COMBINATIONS:

### Benzene

Solvent fumes and hydrocarbon fumes (e.g. petrol)

### Dredging

Particles in sludge process of dredged material such as bacteria, asbestos and heavy metals.

### ABE/K

Less expensive alternative ABEK. Do not use with cyanides like HCN.

### ABEK

Cocktail of toxic particles. In accordance with EN14387.

### Ammonia/Organic waste

Fumes waste and composting. Spores, bacteria, viruses, organic and ammonia vapours.

### AX

Organic solvent vapours, fumes hydrocarbons with a boiling point of < 65 °C.

## TYPE

P3/H13

## ART.-NR.

124320

P3-A

124310

P3-ABE

124340

P3-ABE/K

124345

P3-ABEK

124350

P3-A/K

124360

P3-AX

124370

Combifilters offered in several variants simplify maintenance and usage of your filter pressurization system.

Communication through the filter recognition allows the operator or safety expert to easily see on the cab display what type of filter is placed and how many hours it is still safe to operate with the filter. There is no need to open the filter pressurization system and take out the polluted filter to see which filter is present. If the programmed time has elapsed, the corresponding LED will start changing colour in the display. This ensures that filters can get ordered in time. The article number of the filter can be read on the display.

Because the filter capacity is maximised and the combifilter remembers how many hours it has been placed, it can be used on several occasions and specific tasks.

On request we can specifically set the filter hours, the air flow, the composition of the combifilter and calculate the highest possible return the customer wants to achieve.

**Combifilters consist of a P3- and carbon filter and are standardly supplied with a matching P1 filter. P1 sold separately with article number 122007.**

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**AVAILABLE AT:**