

Heavy duty

# MAO-22 & PAC Smart Control

Protection in the most dusty environments environments that include high concentrations of gas and vapours



This system protects machine drivers against work activities in the dustiest environments that include high concentrations of gas and vapours. The MAO-22 uses the same patented vacuum technology as the MAO-12.

The MAO-22 comes standard with the new PAC Smart Control. All data can be read clearly on the 3.5" high resolution LCD display. With fully automatic filter communication and intuitive operation, the operator can easily send all relevant information via QR code with their own smartphone to the safety manager, project manager or employer. Filter types, serial numbers and events are continuously monitored and securely stored in the standard datalogging module. The PAC Smart Control is IoT ready, which also allows real-time data transfer.

The BMAir control system regulates the pressure in the cabin automatically and has patented filter recognition. The display of the system indicates when the Combifilter

needs to be replaced. With the exception of replacing the filters, the system is completely maintenance free.

Naturally, the filtering function of all systems and filters are tested in an external laboratory. In addition, we comply with the EMC guidelines; these tests are carried out independently.

With the new generation of BMAir products, you can manage your supply of filtered cabin air without difficulty or worry!

**BMAIR**  
clean cabin air

# MAO-22

Suitable for extremely dusty environments

Durable and robust design  
made of stainless steel

Patented self-cleaning filter  
(easy and quick to change)

Longlife brushless digital fan motor

Filter information and hour readings  
through proven RFID

Combifilters with 20 kg active carbon



## PAC Smart Control



Easy to install high-quality sensitivity  
air quality sensor

IoT ready, prepared for the  
real-time future

Easy operation

Maximum security through  
integrated data logging

Easy to read colour screen  
with automatic day, night mode

Maintenance messages  
with QR code generator

Wide data possibilities  
through digital Rx / Tx connection



Easily order filters



Forward system information  
and events

# MAO-22 Combi Filters

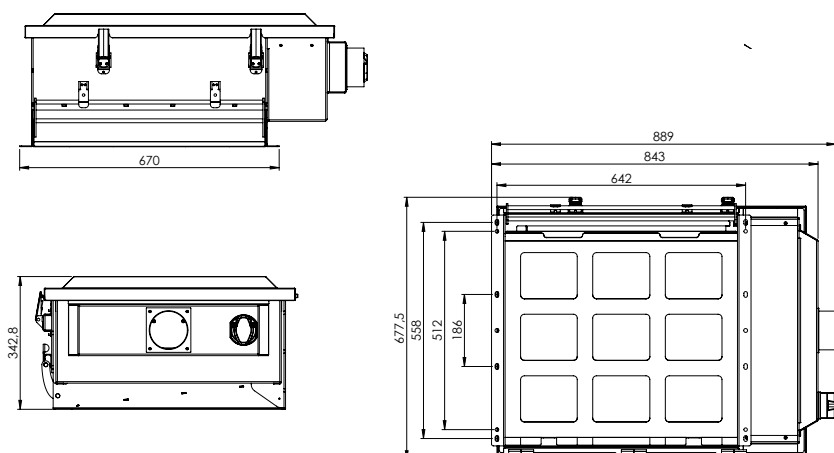
Dust combination:	Type	Art. nr.
<b>Asbestos</b> Toxic particulate matter, asbestos silica dust and heavy metals. Efficiency > 99.95%	<b>P1-P3/H13</b>	<b>124320</b>
<b>Active carbon combinations:</b>	<b>Type</b>	<b>Art. nr.</b>
<b>Benzene</b> Vapours from solvents and hydrocarbons (e.g. diesel)	<b>P1-P3/H13-A</b>	<b>124310</b>
<b>Dredging</b> Vapours from dredging spoil such as bacteria, toxic particulate matter, heavy metals and H <sub>2</sub> S	<b>P1-P3/H13-ABE</b>	<b>124340</b>
<b>ABE/K</b> Vapours such as H <sub>2</sub> S and ammonia. (caution: not for use with cyanides such as HCN)	<b>P1-P3/H13-ABE-K</b>	<b>124345</b>
<b>ABEK</b> Vapours from cocktail of toxic substances. In accordance with EN14387	<b>P1-P3/H13-ABEK</b>	<b>124350</b>
<b>Ammonia/Organic waste</b> Vapours from waste and composting such as spores, bacteria, viruses, organic and ammonia	<b>P1-P3/H13-A-K</b>	<b>124360</b>
<b>AX</b> Vapours from solvents and hydrocarbons with boilingpoint < 65°C	<b>P1-P3/H13-A-AX</b>	<b>124370</b>



MAO-22 asbestos combination



MAO-22 active carbon combination





# Facilitating health is our goal

For 25 years, our goal has been to provide them with the cleanest air possible at all times, every minute and every second of their workday. We never compromise when it comes to breathing air; after all, it is our human right.

The integrity of us as an organisation depends on the quality of our products. Therefore, it is of the

utmost importance that our pressurised filter systems are of the highest standard. Only then can we achieve our goals: "the cleanest air possible for every machine operator who works in a polluted (mobile) work environment".

As the market leader in the pressurised filter systems market, we are getting closer to our objective

every day. Many operators are already working with our pressurised filter systems.

Yet, there is still a long way to go. Too many employers, commissioning parties and machine operators can be light-hearted about the long term health risks. A good protection should be common practice.



## Clean air in your cabin is of vital importance!



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clean cabin air