We believe clean air is a fundamental right

BMair

Datasheet Asyst Uni 112

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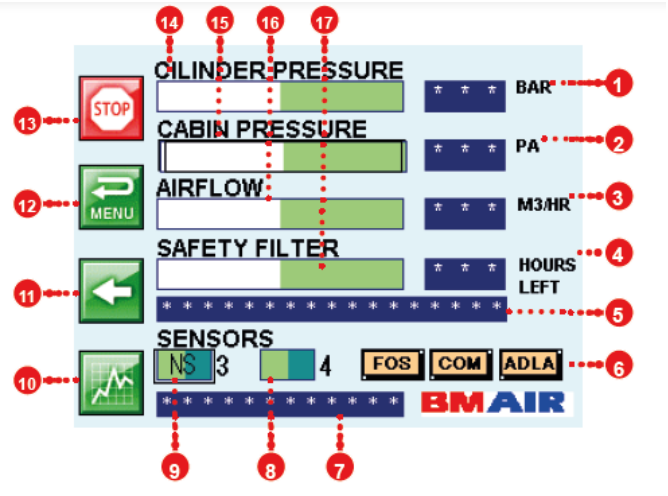
While the protective ventilation system operates as intended, there may be occasional instances of peak toxic fume levels breaching the cabin or insufficient oxygen levels. It's crucial to emphasize that these are extreme conditions. In such rare cases, the Asyst system will engage automatically, supplying clean air to the cabin from air cylinders. This guarantees the operator's safety during work and facilitates a secure exit from the highly polluted area.

In case of extreme peak loads in the concentration of gases and vapours or a temporary lack of oxygen in the surrounding air, the patented breathing air assistant system BMAir ASYST allows you to continue working under safe conditions. The system is equipped with a modified protective ventilation system, a compressed air cylinder, various sensors, a touchscreen and a green warning light. A special air compressor fills the compressed air cylinder to maximum 15,000 Bar litre. If several cylinders are used per machine, we recommend using a compressed air buffer that allows the cylinders on the machine to fill up quickly.

BMair Control

Monitoring safety within the cabin is equally crucial. Merely hearing a system running doesn't assure functionality. De controller zal uiteindelijk ook automatisch overschakelen tussen het beschermende ventilatiesysteem en de luchtcilinders.



1 Contents of the cylinder
2 Overpressure in cabin
3 Airflow ASYST
4 Lifetime combifilters
5 Article number and type of filter
6 FPS/ Compressed air or combi
7 Available sensors
8 Indication sensor 4
9 Indication sensor 3
10 Summary screen sensors
11 Information Combifilter, S/N etc.
12 Selection menu
13 Acoustic signal (temporarily) off
14 Graphical display compressed air
15 Graphical display overpressure
16 Graphical display airflow
17 Graphical display filter

Asyst Uni 112

Combi filters

The BMAir filters ensure that machine drivers work more safely than ever, even in polluted work environments. Especially in polluted environments. Because our advanced and patented technology make our systems and filters exceptionally effective. Even under the harshest conditions.

Dust combination:	**Type**	**Art. nr.**
Asbestos	P1-P3/H13	124220
Toxic particulate matter, asbestos silica dust and heavy metals. Efficiency> 99.95%		

Active carbon combinations:	**Type**	**Art. nr.**
Benzene	P1-P3/H13-A	124210
Vapours from solvents and hydrocarbons(e.g. diesel)		
Dredging	P1-P3/H13-ABE	124240
Vapours from dredging spoil such as bacteria, toxic particulate matter, heavy metals and H2S		
ABE/K	P1-P3/H13-ABE-K	124245
Vapours such as H2S and ammonia. (caution: not for use with cyanides such as HCN)		
ABEK	P1-P3/H13-ABEK	124250
Vapours from cocktail of toxic substances. In accordance with EN14387		
Ammonia/Organic waste	P1-P3/H13-A-K	124260
Vapours from waste and composting such as spores, bacteria, viruses, organic and ammonia		
AX	P1-P3/H13-A-AX	124270
Vapours from solvents and hydrocarbons with boilingpoint < 65°C		

We fight unhealthy air

BMair

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