BMair

F20

OFFICIAL AUTHORISED

AUSTRALIAN PARTNER

SMARTTECH® AUSTRALIA

Datasheet

BMair F20

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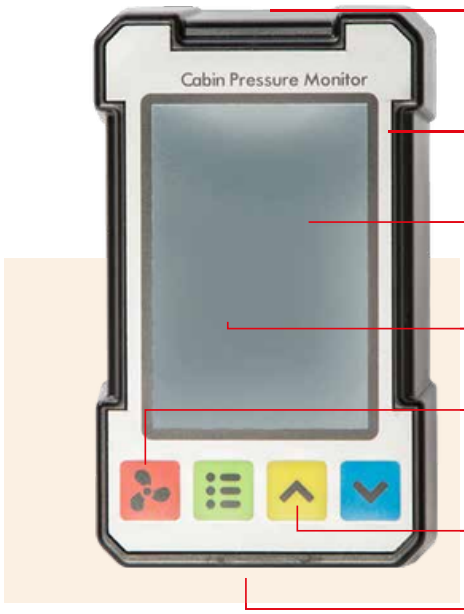
Get ready to fight unhealthy dusty air! The current generation of construction machines are streamlined and often include various after-market options. Consequently, the installation space for pressurised filter systems has become more limited. That is why BMAir's F20 is the perfect fit.

The F20 standard includes a P1/P3 HEPA combination filter. Due to its round shape, incorrect insertion of the filter is impossible. The radial fan ensures a uniform 360° air flow suction for an optimal air distribution over the entire filter medium. Particles, even fine dust particles have no change! And that's absolutely crucial. Even during routine tasks, machine operators often find themselves consistently exposed to those hazardous substances. The potential consequences of this are often underestimated, but their

F4000 Smart Control

Monitoring safety within the cabin is equally crucial. Merely hearing a system running doesn't assure functionality. That's why the F33-R includes a F4000 controller as standard.



- Wide data possibilities through 4G connection
- Maximum security through integrated data logging
- Touchscreen
- Maintenance messages with QR code generator
- Change mode from automatic to manual / stand-by with just two clicks
- Easy operation
- high-quality sensitivity air quality sensor

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. nrs.**
Asbestos Toxic particulate matter, asbestos silica dust and heavy metals. Efficiency> 99.95%	P1-P3/H13	VX203011EU513

Active carbon combinations:	**Type**	**Art. nrs.**
Benzene Vapours from solvents and hydrocarbons(e.g. diesel)	P1-P3/H13-A	VX203024EU513 KX202411A
Dredging Vapours from dredging spoil such as bacteria, toxic particulate matter, heavy metals and H2S	P1-P3/H13-ABE	VX203024EU513 KX202411ABE
ABE/K Vapours such as H2S and ammonia. (caution: not for use with cyanides such as HCN)	P1-P3/H13-ABE-K	VX203024EU513 KX202411ABEK
ABEK Vapours from cocktail of toxic substances. In accordance with EN14387	P1-P3/H13-ABEK	VX203024EU513 KX202411ABEK+
Ammonia/Organic waste Vapours from waste and composting such as spores, bacteria, viruses, organic and ammonia	P1-P3/H13-A-K	VX203024EU513 KX202411AK
AX Vapours from solvents and hydrocarbons with boilingpoint < 65°C	P1-P3/H13-A-AX	VX203024EU513 KX202411AX

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BMair Protector
The base can be used stand-alone for ultimate dust filtration, but can later be easily expanded with the Plus X or Y.

BMair MAO-3C
The multifunctionalsystem, to be installed on the deck, characterized by its small footprint.

Plus X
The modularexpansion for the use of activated carbon, characterized by the compact design and limited height.

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