



BMair *Protector*

Maximum efficiency. Always online. Introducing our latest advancement in protective ventilation.



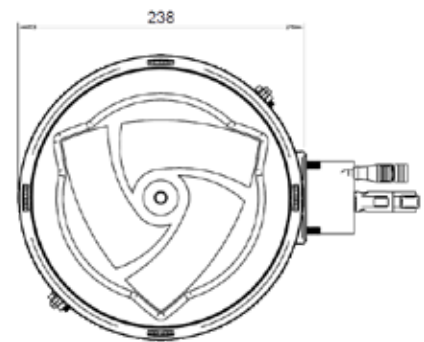
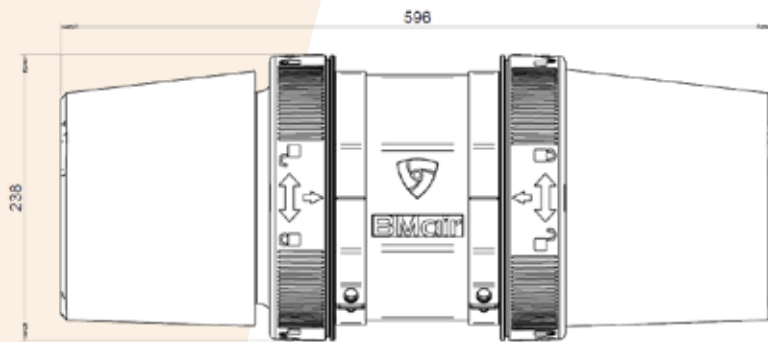
Datasheet

HEPA stofffiltratie

BMair Protector

Introducing our most compact protective ventilation system, designed to maximize functionality without compromise. Constructed from polypropylene, fiberglass, and stainless steel, this system features unique components specifically engineered to generate overpressure.

A standout feature is our advanced fan, meticulously developed, tested, and optimized to achieve the perfect balance between airflow, pressure, and motor performance. The result? Superior consistency in pressure and flow compared to existing systems.



Modularity

Weighing less than 10 kg, the BMair Protector's base is easy to deploy and can be installed both horizontally and vertically. But that's just the beginning.

The BMair Protector is modular, allowing you to configure it to meet your specific needs. In its basic configuration, the Protector is well-suited for environments with fine dust, such as quartz or asbestos. For environments contaminated by gases and vapors, you can add an activated carbon extension. This extension attaches directly to the base unit and provides space for additional a carbon filter.

The carbon extension will be available in two options: a roof-mounted version with minimal height and a deck/fender-mounted version with a compact footprint.

The modular extensions will be available later in 2024.

HEPA Dust filter

With BMair filters, machine operators experience unparalleled safety—even in heavy dust-environments.

The BMair Protector stands out for its effectiveness and efficiency, thanks to the HEPA-14 filter class and a specially developed fan. The filters are housed in a robust plastic enclosure, reducing direct contact with contaminated materials.

HEPA dust combination	Type	Art. nr.
Quarz	Particulate & HEPA	CX-PROT-PH

Offers protection against: toxic particulate matter, asbestos, quartz dust and heavy metals.



BMair Connect

Always Online – Revolutionizing Real-Time Monitoring

Introducing BMair Connect, the groundbreaking control unit developed alongside the BMair Protector. Once the system starts up, BMair Connect takes full control, automatically managing operations. In the event of potential hazards like pressure loss or gas detection in the cabin, BMair Connect promptly issues warnings and suggests solutions. The standout feature is its advanced online connectivity: all processes and protocols are accessible 24/7 through a real-time online portal, providing constant oversight and control.



- ★ Stay connected with the BMair Connect Portal for immediate access to current information
- ★ Benefit from enhanced filter registration and logging through our patented RFID technology
- ★ Easily view and download maintenance reports directly from the portal

In addition to modular extensions, plug-and-play sensors will soon be available.

These sensors are essential for monitoring hazardous gases in the environment. When BMair Connect detects these sensors, it will automatically trigger an alarm if gas concentrations exceed safe limits.



**We believe clean air is a
fundamental right**



BMair

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