BMair

Protector

OFFICIAL AUTHORISED

AUSTRALIAN PARTNER

SMARTTECH® AUSTRALIA

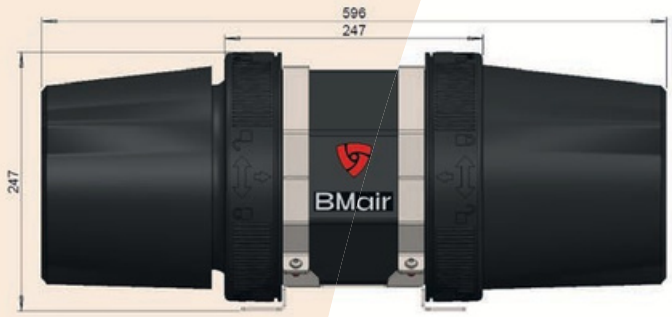
Datasheet

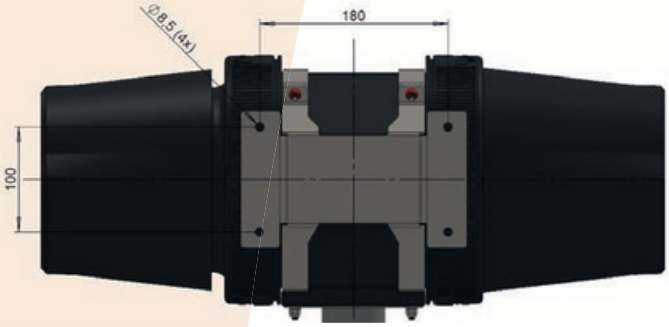
BMair Protector, compatible with the online controller ***BMair Connect****.*

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.

he activated carbon extension will be available in two different options: a roof-mounted version with minimal height or a rear/fender-mounted version with the smallest possible footprint.

Dust filtration

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.

Particulate Filter

Dust combination	Type	Art. nr.
Quartz	**Partikel & HEPA**	**CX-PRO-PH**

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

HEPA Filter

BMair Connect

Always Online – A Revolution in Real-Time Monitoring

Discover BMair Connect, the groundbreaking control unit developed in combination with the BMair Protector. Once the system is activated, BMair Connect automatically takes control and manages the operation. In the event of potential hazards, such as pressure loss or gas detection in the cabin, BMair Connect immediately issues warnings and provides solutions. The biggest innovation is the advanced online connectivity: all data from the controller is accessible 24/7 via a real-time online portal, enabling continuous monitoring and supervision.

- Connected to the BMair Connect Portal for direct access to current information of the respective machine(s)
- Take advantage of fully automated filter registration and logging thanks to the patented RFID technology.
- View and download maintenance reports easily directly from the portal.

To monitor the air quality in cabins, plug-and-play sensors are available. In environments where carbon filters are installed, it is recommended – and often mandatory – to place a sensor. For BMair Connect, various types of sensors are available, including VOC, NH3, and CO2.

We believe clean air is a fundamental right

BMair HEPA Filter

BMair MAO-3C

Plus X

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SMARTTECH AUSTRALIA

BMair

☎ 1800 655 860

WWW.SMARTTECHAUSTRALIA.COM.AU

QUEENSLAND

45-47 Bell Are Avenue,
Northgate, QLD 4013

QUEENSLAND

11-13 Casey Street,
Townsville, QLD 4814

NEW SOUTH WALES

34 Woodfield Blvd,
Caringbah, NSW 2229

VICTORIA

11B The Crossway,
Campbellfield, VIC 3061

WESTERN AUSTRALIA

2/30 Walters Drive,
Osborne Park, WA 6017