



BMair F33R

With its streamlined design and compact height, this system is exceptionally suitable for roof installations, without compromising on capacity.



Datasheet

HEPA Dust + Maximum efficiency in gas and vapour Filtration



BMair *F33R*

The F33R has a very compact height (only 235 mm) and is therefore the ultimate roof unit.

The BMair F33R is a protective ventilation system designed for trucks and roof installations on (compact) excavators/shovels, tractors and many other machines.. On a truck, the F33R is installed using a brand-specific adapter in the escape hatch.



The total filling height of the filter compartment is 150mm. However, any combination height of the BMair filters can be tensioned



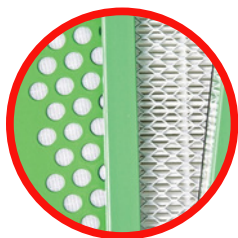


The F33R is characterized by its unique design. The cover can be hinged on both the left and right sides.



Safe and easy filter replacement

The UV-resistant ABS cover on the F33R can be easily opened thanks to the tilting system. With the assistance of a gas spring, the cover remains open, eliminating the need for disassembly when replacing the filters. This allows the technician to have their hands free to safely replace the filters on the roof of the vehicle/machine.



Any filter combination is possible

Despite the limited height of the F33R, the protective ventilation system accommodates any filter combination. The F33R can accommodate a P1, P3 combination along with a 10 kg activated carbon filter. This allows the protective ventilation system to be deployed even in the most demanding conditions.



Variable combination height

Fill frames or complete filter packages are a thing of the past with the F33R. Filters are tensioned using the included standard filter tensioners. The total filling height of the filter compartment is 150mm. However, any combination height of the BMair filters can be tensioned.

No need to fully disassemble the cover!

Thanks to the gas spring on the ABS cover, the technician can easily replace filters. An additional advantage of this is that the risk of losing a cover is much smaller, as the cover no longer needs to be disassembled.

Fully automatic control

The F33R is equipped with automatic control. It is driven by the F4000 controller located inside the cabin. When the machine is started, the controller automatically activates. The pressure is promptly built up, ensuring immediate protection for the operator. If, for example, the positive pressure is insufficient, the controller will promptly issue a warning.

When using an activated carbon filter extensively, an optional gas sensor is often required. The F4000 can be expanded with this sensor as an optional feature. The sensor measures the air quality inside the cabin and can detect the breakthrough of an activated carbon filter faster than the operator.

It is recommended to have the sensor checked during the annual inspection of the positive pressure filtration system. Dealers can often perform this inspection on-site using the latest techniques, eliminating the need to send anything in and ensuring that the operator does not have to work without protection.



Technical specifications F33R

Dimensions

715 * 665 * 235 mm

Dust filtration

P1 (ISO16890) en P3 (H13 according to EN1822)

Weight

32 kg without filters

Gas filtration

10 kg activated carbon filter (EN12941 / EN14387)

Max. pressure

500 Pascal, 120m3 per uur

In accordance with regulations

ISO23875 / NEN4444 / CROW400