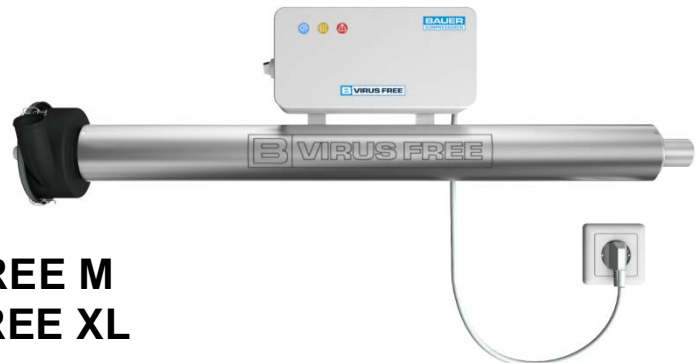


- Preliminary version - B-VIRUS FREE

Models:

B-VIRUS FREE S | B-VIRUS FREE M
B-VIRUS FREE L | B-VIRUS FREE XL



- › Elimination of coronaviruses, bacteria, mould and pollen *
- › Can be retrofitted to all BAUER compressors
- › Flow rate 100 – 850 l/min

INACTIVATION OF CORONA VIRUSES, BACTERIA AND MOLD

Free of chemicals and ozone, B-VIRUS FREE uses a special UVC light source to destroy the described pathogens in the air flow of the intake air before they can get into the compressor. The highly effective radiation with a wavelength of 254 nm is absorbed by the genetic material of the pathogen. Photons destroy the bonds within the genome of viruses, bacteria and mould spores. This stops the propagation and effectively prevents them from reproducing.

* The B-VIRUS FREE Filter eliminates up to 99.9% (minimum 99%) of coronaviruses, bacteria and certain moulds from intake air.

SCOPE OF DELIVERY B-VIRUS FREE:

- › Pre-filter
- › Virus filter
- › UV lamp
- › Control box
- › Suitable connecting hoses must be ordered separately and matched to the compressor type
- › Retrofit kits for compressor seals must be ordered separately

VARIANTS:

Type / Size	Suitable for charging rate ¹ l/min	Dimensions (W x D x H) mm	Operating weight ²
B-VIRUS FREE S	100 – 200	665x250x450	Filter unit: ca. 6 kg Control box: ca. 5 kg
B-VIRUS FREE M	240 - 320	665x250x450	Filter unit: ca. 6 kg Control box: ca. 5 kg
B-VIRUS FREE L	400 – 550	905x250x450	Filter unit: ca. 7 kg Control box: ca. 5 kg
B-VIRUS FREE XL	560 - 850	905x250x450	Filter unit: ca. 7 kg Control box: ca. 5 kg

1 Charging rate of the connected compressor measured with cylinder filling from 0 – 200 bar ± 5%.

2 Including UV lamp; without connecting hoses.

TECHNICAL OPERATING DATA:

Model	B-VIRUS FREE
Medium	Breathing air
Operating pressure	Atmospheric
Ambient temperature	+5 to +40°C
Intake air temperature	+5 to +40 °C
Rel. humidity of intake air	10 to 100 %
Flow rate	100 -850 l/min
Pressure loss	<i>In clarifying</i>
Warm-up time	60 s
Service life	Lamp replacement after 2000 hours or 2 years
Type of UV lamp	Low pressure UVC lamp
Filter tube material	Aluminium
Control box material	Powdered steel
Inlet connection	DN60
Outlet connection	DN40, DN60, DN100
Installation	wall-mounting
Protection class	IP64 (control box) IP53 (filter housing)
Installation position	Horizontal
Permissible altitude	0 - 2000 m AMSL
Finish	Prefilter: black Filter housing: shiny aluminium Control box: Front: RAL9016 smooth Body: RAL 7024 structure

ELECRICAL OPERATING DATA:

Model	B-VIRUS FREE
Permitted operating environment	not explosive
Operating voltage / frequency	190-264VAC; 50Hz/60Hz
Power consumption	B-VIRUS FREE S/M: 100W B-VIRUS FREE L/XL: 150W
Optical signals	Blue = virus filter active Yellow = warm-up phase Red = fault / alarm
Acoustic signals	80dB, Continuous tone, 2400Hz
Outlet signal	Potential-free contact (max. 240V/2A)
Inlet signal	24-240VAC/DC
Control box dimensions	450mmx250mmx120mm

ACCESSORIES:

-Information about intake hoses and system connections will follow-

RETROFIT:

For liability reasons, retrofitting the B-VIRUS FREE filter is only possible on BAUER compressors with charging rates of 100-850 l / min.

When retrofitting, make sure that the intake filter of the compressor is sealed with the appropriate retrofit kit, otherwise, after the B-VIRUS FREE filter leaks can cause new pathogens to enter the breathing air to be compressed.

The following retrofit kits are available:

Retrofit kit pre-filter	Block	order number
059377	Junior, Oceanus	<i>provided soon</i>
079577	IK100, IK12.14, IK120	85239
079706	IK15.1, I15.11, IK150, IK18.1, IK180	<i>provided soon</i>
Retrofitting for old systems on request		

Relevant EC Directives (where applicable)

- EC Machinery Directive (2006/42/EC)
- EC Low Voltage Directive 2006/95/EC
- EC Electromagnetic Compatibility (EMC) 2004/108/EC

Applied national standards and technical specifications, in particular

- Betriebssicherheitsverordnung (German Industrial Safety Regulation) of 27 September 2002
- Unfallverhütungsvorschrift (BGR; German Accident Prevention Regulations) BGR 500

Documentation: 1x operating manual and parts list with exploded view drawing on DVD

Design: In line with the state of the art according to DIN, VDE, TÜV and Accident Prevention regulations

Otherwise the **General Terms and Conditions of BAUER KOMPRESSOREN (AGB)** in the version valid at the time of contract conclusion apply. These Terms & Conditions can be viewed and downloaded at the website www.bauer-kompressoren.com, or sent by BAUER on request.

All information is given without assumption of liability and subject to technical changes.