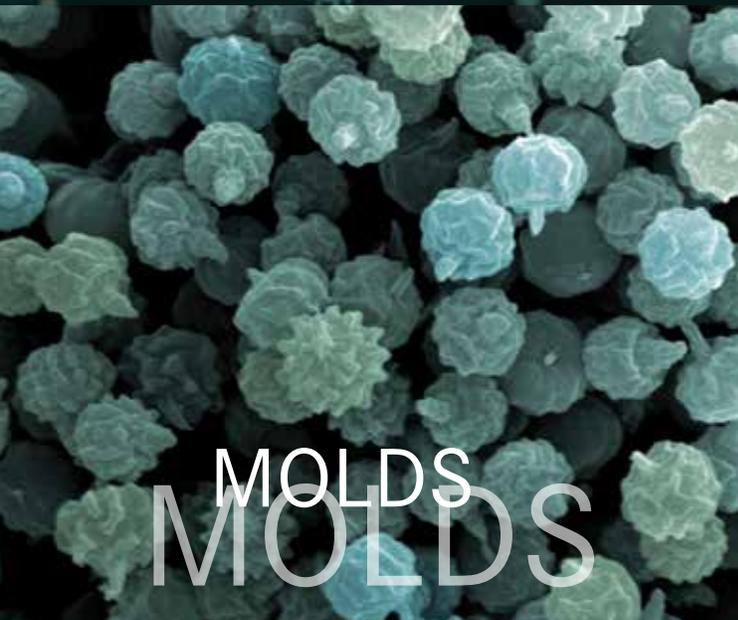


B-VIRUS FREE™
REMOVES VIRUSES, BACTERIA, MOLDS AND
POLLEN FROM BREATHING AIR



BAUER B-VIRUS FREE™ COMPRESSOR INTAKE AIR FILTRATION SYSTEM FOR SAFETY WITHOUT COMPROMISE



PROTECTING YOUR HEALTH IS OUR NUMBER ONE PRIORITY

Science has shown that viruses and bacteria can spread rapidly over great distances through aerosol dispersion. Mixed in the ambient air, they can pass through any commercially available standard air purification system which is part of the typical breathing air compressor system. Even the high temperatures and pressures of a typical high- pressure breathing air compressor have little effect on viruses and bacteria because of their short- duration exposure to the process.

The new BAUER B-VIRUS FREE™ breathing air filtration system (patent-pending) inactivates up to 99.9% of viruses including coronaviruses, bacteria, and molds at the air intake section of your BAUER breathing-air-compressor. The system is designed to protect firefighters, divers, hazardous-location-workers, military personnel, or anyone who breathes compressed breathing air through SCBA or SCUBA cylinders.



INTAKE PARTICULATE FILTER

Underpressure in the compressor draws in air through the intake filter opening. Normal dust particles and even pollen are removed from the air by the intake filter.



CONTROL AND DISPLAY

The control unit of the B-VIRUS FREE™ protective filter system monitors functions and controls the UV light source. Operational status information is provided by visual (LED) and acoustic signals.



CONNECTION TO COMPRESSOR

The B-VIRUS FREE™ protective filter system is connected to a specially sealed intake hose, which eliminates any potential new contamination from leaks between the protective filter and the compressor block.



UV PURIFICATION

The specially deigned UV light source emits high-energy UVC radiation that destroys the molecular bonds in the DNA of bacteria and molds and in the RNA of viruses. This prevents the pathogens from reproducing.



OZONE FREE

The B-VIRUS FREE™ filter system produces no harmful ozone.

EFFECTIVE INACTIVATION OF CORONA VIRUSES, BACTERIA AND MOLDS

Free of chemicals and ozone, the B-VIRUS FREE™ system uses a specially designed UVC light source to destroy the pathogens before the intake air section of the compressor. The highly effective wavelength in the B-VIRUS FREE™ system is absorbed by the pathogens' DNA, where the photons destroy the bonds between the DNA strands of the viruses, bacteria, and mold spores and effectively prevent them from reproducing.

LOW MAINTENANCE, LOW OPERATING COSTS

The B-VIRUS FREE™ compressor intake air filter system has long maintenance intervals to keep operating costs down. The filter does not require replaceable filter cartridges. The UVC light source has an extremely long service life of approx. 2,000 hours and is simple to replace.

EASY INTEGRATION INTO YOUR BAUER COMPRESSOR SYSTEM

The B-VIRUS FREE™ compressor air intake filter system can be ordered for any new model BAUER Vertecon™, Verticus™, Legacy™, and Unicus™ breathing air compressor system. The system will also be available as a retrofit kit for older BAUER breathing air compressor systems.



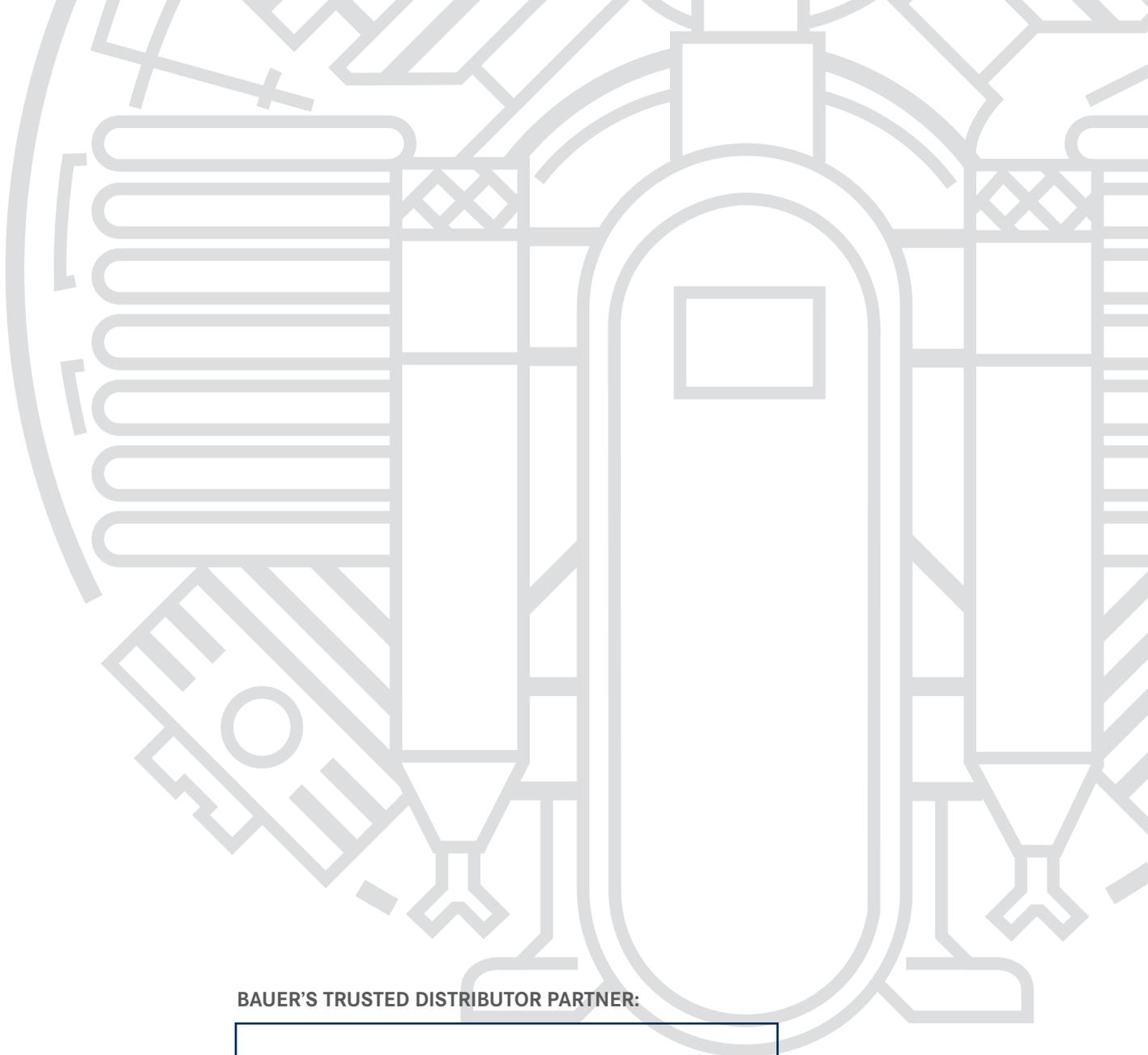
VERTECON®

The B-VIRUS FREE™ system shown integrated into the BAUER VERTECON® Breathing Air Compressor System

TECHNICAL DATA

B-VIRUS FREE™	
	Values
APPLICATION	
Pressure Range	Atmospheric Intake Air
Compressor Charge Rate Range	3.5-30 scfm (100 - 850 l/min)
FUNCTIONS	
Required Warm-Up Time	60 secs
Visual Indicators	Warm-up/Normal/Fault
Audible Signal	in case of fault
TECHNICAL DATA	
Permissible operating temperature range	+41°F(+5°C) to +105°F (+40°C)
Operating voltage	110/220 volts, ac, single phase (60/50Hz)
UV lamp service life	2,000 hrs or every 2 years
Weight filter unit	approx. 17.5 lbs (7kg)
Weight control box	approx. 12.5 lbs (5kg)
Dimensions W x D x H	36x10x18 in (905x250x450 mm)

The B-VIRUS FREE™ filter eliminates up to 99.9% of coronaviruses, bacteria and certain molds from intake air.



BAUER'S TRUSTED DISTRIBUTOR PARTNER:



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Subject to technical changes