



MAXVAC DB500 DUSTBLOCKER



INSTRUCTION MANUAL **including Front - Pre - H13/14 filters**

Dear Customer

Thank you for choosing a DustBlocker, made by Maxvac.

All DustBlocker's have been manufactured with the greatest care and we hope that you will be happy with the DustBlocker you have just purchased. However, if the DustBlocker does not fully comply with your expectations please contact your supplier.

These instructions are intended for MaxVac DustBlockers, model DB500.

1. DustBlockers can only be used for filtering dry, non-explosive dust.
2. DustBlockers cannot be used in moist rooms or rooms where an explosion hazard may exist.
3. MaxVac cannot be held liable if the DustBlocker is used for other applications or if the DustBlocker is not used in accordance with this manual.

GENERAL

- When removing the packaging, please check whether the DustBlocker has been damaged during transport.
- Damaged cables that have been bent or torn can be dangerous during use of the device and must be replaced immediately in order to prevent personal injuries.
- In order to prevent personal injuries and property damages you must place the device on a sturdy base so the DustBlocker cannot fall over.
- Make sure you keep fingers clear when opening and closing the machine filter housing.
- In order to prevent a risk of explosion, you should not place the device in a room that may contain explosive gasses.
- Switch the unit to the off position (0) before removing the plug from the socket. If the switch is on sparks may be generated between the socket and the plug of the device.
- Prior to performing maintenance, first remove the plug from the socket in order to prevent electrical shock.
- When replacing the pre filter or hepafilter it is possible that dust is dispersed that can be dangerous for people's health. Therefore, users should wear safety glasses, safety gloves and a respiration mask that comply with protection class FFP3.
- Do not drill through or break open the H14 hepafilter.

OPERATION

The operating panel is at the side of the DustBlocker and is identical for all models. At the top of the operating panel you will see from left to right:



Red led with a warning signal (gives a signal if the H14/G4 filter has to be replaced) (1)

Red switch (position 1-0) (2)

Connect the plug to the socket on the front of the machine to start the device (3).

FILTERS AND FILTER OPERATION

The DustBlocker separates the dust in three phases:

During the first phase, the front filter is used. The filter collects the larger dust particles and protects the Pre and H13/14 hepafilter.

The second phase is a Pre Filter which collects the finer particles and protects the H13/14 hepafilter.

During the third phase, the H13/14 hepafilter is used. This filter will collect the dust that is dangerous for people's health and that is not visible to the naked eye.

FILTER REPLACEMENT

The front filter which sits behind the metal mesh needs to be replaced on a regular basis according to the contamination of the air in the environment. This will lengthen the life of the Pre Filter and H13/14 filters.

At the front of your DustBlocker you will see a Pre Filter. If the machine is used daily we recommend changing it twice a year. Of course this depends on the contamination of the air in the environment. If you regularly replace your Pre Filter you will lengthen the life of the hepafilter. It is simple to change the filter by removing the two lock pins at the sides and pull the filter out. At the top of the Pre Filter you will find a label with the item number. (Compare this number with the number on the old filter). Make sure that you place the filter as indicated on the label : **↑Airflow**



The H13/14 hepafilter can be replaced by following the same procedure as above. If you use the machine daily we would recommend changing the hepafilter once a year. Of course, this depends on the contamination of the air in the environment. At the top of the hepafilter you will find a label with the item number (compare this number with the number on the old filter). Make sure you place the filter as indicated on the label: **↑Airflow**.

CAUTION

If the H13/14 hepafilter is exposed to water, this may shorten or end the filter's lifespan.

Pre Filters and H13/14 hepafilters cannot be cleaned and must be replaced if they are saturated.

FILTER INDICATOR

The DB500 is provided with a filter indicator connected to a warning led that measures the pressure drop in the filter. In case of a pressure drop that is too high, the red led will light up and the hepafilter must be replaced. If the DustBlocker is used while the warning led lights up, this could affect the operation of the device.

NEW FILTERS

MV-DBF-1010	Replacement Front Filter for DB500, pack 6
MV-DBF-1011	Replacement Pre-Filter for DB500, Single
MV-DBF-1012	Replacement Hepa 13 Filter for DB500, Single
MV-DBF-1013	Replacement Hepa 14 Filter for DB500, Single

WARRANTY

MaxVac devices and accessories are supplied with a 24 month warranty on material and manufacturing defects. Keep (the copy of) your receipt in order to be able to submit the correct purchase date, if necessary.

Never try to repair the DustBlocker yourself without prior approval from the manufacturer.

The warranty does not include defects that result from normal wear, negligence, incorrect use, repairs without permission and defects caused by connecting the DustBlocker to the wrong mains voltage.

EU - Declaration of Conformity

Complies with machinery directive 89/392 plus annexes.

Products:

DustBlockers

Model: DB500

MaxVac hereby declares that the above mentioned products have been manufactured fully in compliance with the following EU legislation:

Machinery directive	2006/95/EC (LVD) and 2004/108/EC (EMC)
EMC directive	EN55014-1: 2006 + A1:2013
Low Voltage directive	EN60335-2-65: 2003 + A1: 2008

Your distributor is:



Addex Group

Unit C, Longmead Business Centre,

Blenheim Road, EPSOM, Surrey KT19 9QQ

0845 0500 595

sales@addex-group.com

addex-group.com