Filter Efficiency Data

For the DB Series' vacuums.

HEPA Filters (Optional)

High Efficiency Particulate Air filters, or HEPA filters, are vacuum filters in high-demand for customers purchasing a new vacuum, as they are recognized through standard testing as meeting or exceeding certain levels of efficiency. They must remove at least 99.95% of particles with a diameter of 0.3 microns, but this measurement is a "worst case scenario", and some HEPA filters (such as those divided into classes H13 and H14) can capture particles even smaller.

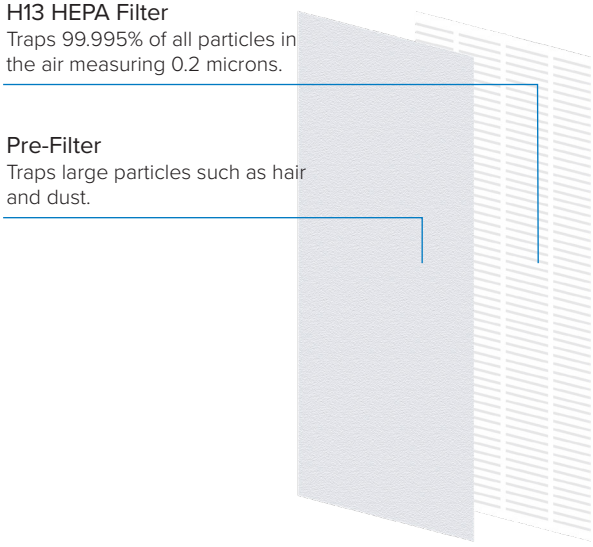
A HEPA grade of H13 can remove **99.995% of all particles in the air measuring 0.2 microns in diameter** - the most difficult size of a particle to capture at a rate smaller than that of a human hair.

Because of this requirement, HEPA filters are most used in areas or facilities that require a very specific level of air filtration.

The DB Series' HEPA Filter

Code: 3FTDP00657

An optional vacuum filter designed to remove up to 99.995% of all particles in the air measuring 0.2 microns in diameter.



Sanifilters (Included)

Sanifilters are manufactured to meet and exceed the growing needs of facilities where combatting bacteria is of prime importance. Ideal for healthcare institutions, schools, daycares, senior care facitilies and more, sanifilters eliminate pathogenic micro-organisms right from the source.

How It Works

The sanifilter treatment is made of silver crystals. The smaller the silver crystal, the better its ioanic availability is.

These silver crystals have an average size of 20-50 nanometers (a nano is 1,000,000 times smaller than a millimetre).

Did you know...

After 10 hours, a bacterium can reproduce more than one million times!

Vacuum filters are kept in warm, dark enclosures within the unit, making them the ideal colonization environment for reproducing microorganisms. This makes an ordinary vacuum filter a bacteria-infested and potentially hazardous component that just releases these toxins back into the air when the vacuum in turned on.

Sanifilters contain an antibacterial treatment that destroy cell membranes of different fungi, viruses or parasites, promoting a safer space for your facility. The sanifilters available with the DB Series' vacuums are effective in inhibiting and eliminating the following microorganisms:

- Staphylococcus aureus
- Salmonella
- Shigella
- Aspergillus Niger
- Dust mites
- Escherichia Coli
- Listeria Monocytogenes
- Bacillus cereus
- Avian influenza
- Klebsiella pneumonia
- Pseudomonas aeruginosa
- Clostridium diccicile
- and many more!

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