

The Great Western News



Ask Mr. Janitor :
I have been hearing
a lot about HEPA
vacuums. I have
heard they trap dirt
down to 0.3 microns.
What does that mean,
and why is that
important?



Mr. Janitor Answers :
A HEPA vacuum picks-
up and traps 99.97% of
particles down to 0.3
microns in size. To give
you an idea of what that
size is, a human hair is 70
to 100 microns thick.
That means a HEPA
vacuum filter can trap
and hold dust particles
that are extremely small
which improves indoor
air quality and keeps your
carpets looking their
best.

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Help From HEPA

As you continue to fight our winter weather, it is a good bet that your parking lot and sidewalks have dirt, remnants of ice melt and perhaps some sand on them left over from dealing with winter's snow and ice.

The occupants and visitors to your building have tracked this stuff into your facility, embedded it into your carpets and are now breathing many of these particles while in your facility. This situation is not good for either your indoor air quality or for your carpets. How can you correct this?

HEPA, which stands for High Efficiency Particulate Air (Filter), vacuums were designed to trap and hold microscopic bits of dust and other irritants inside the vacuum filter. This keeps them from floating back into the air after being picked-up and traveling through the vacuum.

HEPA vacuums work when the dust and other particles are sucked into the HEPA filter and trapped before they have a chance to escape back into the air. HEPA filters are composed of a mat of fibers. As the particles move through the HEPA filter, they stick to the fibers. A HEPA filter is able to trap and hold at least 99.97% of dust and other particles down to the size of 0.3 microns. A HEPA filter will help keep your carpets looking their best and will help keep your indoor air quality at its best.

CV - ing Through The Dust

To keep your carpets looking their best and to maintain the best indoor air quality for your facility, you need the appropriate equipment. Often the best choice for these tasks is a standard size HEPA vacuum.

The Tornado® CV30 and CV38 are 12" and 15" upright models of true HEPA vacuums (with 99.97% filtration efficiency down to 0.3 microns) that not only pick-up and hold fine particles of dust but are also very easy to use and maintain. Some of their advantages include:

- No tools needed to assemble or remove the bottom plate or to clean hoses and throats.
- A soft rubber bumper to protect furniture and walls.
- An ergonomically-styled enclosed handle that offers easy control as well as comfort for the operator.
- Attachments, which come standard with each model, are stored easily in molded locations on the back of the vacuum.
- An easily accessible, rugged front cover that seals to keep fine particles inside the vacuum during and after use.

For more information on the CV30 or CV38 or the many other vacuums we stock, please give us a call at our Davenport office at 563/445-6644 or in the Cedar Rapids area at 319/395-0445.



A better way to clean.

The CV 30.

True HEPA filtration.
Unmatched performance.



Designed By You

The Tornado® CV 30 and CV 38 are the most distinctive single motor uprights in their class. Some of the largest consumers of upright vacuums in the market helped us design these units from the ground up. A lightweight handle, brush-assisted movement, on-board tools, quiet operation, and true HEPA (not an add-on, but part of the design) make the Tornado® CV 30 and CV 38 the choice of cleaning professionals. And it's available in 12" and 15" models for all your cleaning needs.

3-Stage HEPA Filtration

The true HEPA filtration (99.97% efficiency at 0.3 microns) is designed to contain fine particulate and dust, improving indoor air quality and reducing the risk associated with the redistribution of potentially harmful particles and allergens.

The 3-stage filtration system includes a unique CleanBreeze disposable filter bag, an intake filter, and a true HEPA filter cartridge all as standard. The CleanBreeze disposable filter is an intricate web of

randomly spun polymer fibers capturing far more particles and allergens than conventional paper bags. Dust emissions are reduced up to 60% over traditional paper filters.

Versatility

The Tornado® CV 30 and CV 38 provide effortless operation, versatility, innovative features, ergonomic design, quiet operation, and true HEPA filtration for use in many different environments including:

- Hospitals and Healthcare Facilities
- Schools and Universities
- Hotels and Resorts
- Restaurants
- Commercial Office Buildings
- Retail Stores and Shopping Malls
- Industrial Facilities, large and small

And it's only from Tornado.