

Air Filters vs. Torch-Aire

ION EMITTING AIR FILTERS



- Ion emitting air filters emit negative ions that attach to particles and cause them to fall to the ground.
- Particles can then be stirred up with foot traffic or by a gust of wind from doors opening.

OZONE EMITTING AIR FILTERS



- These air filters emit ozone to kill harmful organisms, but ozone in large quantities can be harmful to humans and animals. To kill spores, high concentrations are required.

HEPA FILTERS



- HEPA filters vary in effectiveness.
- Filters must be routinely changed.
- Mold spores are large enough to be caught in HEPA filters, but stay alive on the filter's surface. This allows other particles to accumulate and fill the space to act as nutrients and allow mold spores to grow on and through the filter membrane to be released back into the air.

TORCH-AIRE



- Kills 99.9% of harmful organisms utilizing UV-C bulbs.
- Free of filters.
- Can treat all the air in a 2000 cubic foot space in only 8 hours.