

Cleaning for Health®  
includes capturing particles  
that impact indoor air quality, many  
of which are

invisible  
to the  
naked  
eye



**Cleaning for Health**  
**with ProTeam**

**ProTeam**®


# Cleaning for Health with vacuuming

High performance cleaning is important to improve the indoor air quality (IAQ) in a building. Studies have shown that cleaning, when consistently implemented, is cost effective and can help lead to measurable indoor environmental improvements. Cleaning is important to capture and remove dust and particulates to help improve the health and safety of a building's occupants.

## As we look to clean what does that mean?

The **CDC** defines as:

**CLEANER**



Removal of adherent soil and other debris

**SANITIZER**



Agent that reduces the number of bacterial contaminants

**DISINFECTANT**



Usually a chemical agent that destroys pathogens or other harmful microorganisms

Source: <https://www.cdc.gov/infectioncontrol/guidelines/disinfection/glossary.html>

## Improve cleaning practices

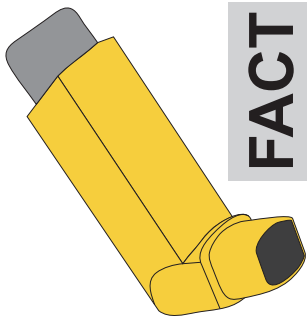
Poor cleaning procedures, equipment and habits can inhibit the effective cleaning of buildings.

Workers thinking big need to

# think small

when it comes to health and cleaning.

Cleaning for appearance focuses on removing “big” visible soil, while cleaning for health targets “small” invisible bacteria, dust, airborne particulates and other micro, bio- and chemical contaminants. These unseen pollutants are major contributors to unhealthy indoor environments.

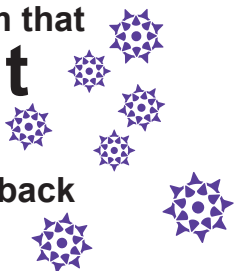


**FACT**

Approx. 13.8 million school days and 14.2 million workdays are missed each year due to asthma.

Source: <https://www.lung.org/lung-health-diseases/lung-disease-lookup/asthma/learn-about-asthma>

Cleaning for Health with a vacuum that **doesn't spew** fine particles back into the air



ProTeam backpack vacuums are certified by Carpet & Rug Institute and must pass test standards in three areas:

1. Soil removal
2. Dust containment (IAQ protection)
3. Fiber protection or surface appearance change





# Indoor air quality (IAQ) strategy

People can inhale particles 10 microns and smaller.

Housekeeping is probably the most common means of removing potential allergens, and vacuum cleaners are the most commonly used tool.

Vacuuming without proper filtration is one of the main causes of the reintroduction of allergens and harmful particles into the air.

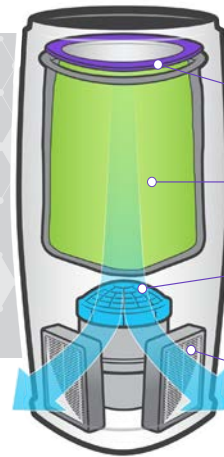


Source: "Indoor Allergens: Assessing and Controlling Adverse Health Effects", Educational Committee on the Health Effects of Indoor Allergens. Division of Health Promotion and Disease Prevention. National Academy of Sciences, Washington, D.C. pp 37-39, 86-117, 222-225

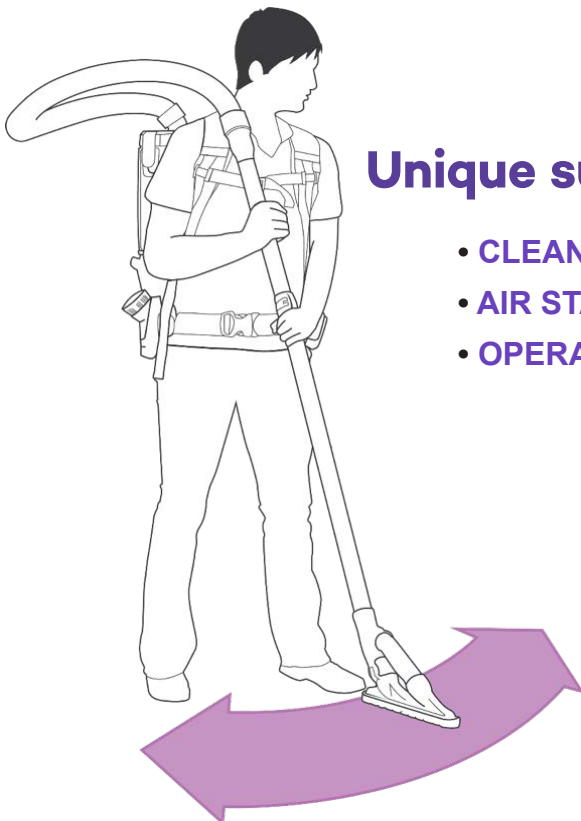
**FACT**

**ProTeam backpacks with ProLevel Filtration® are up to 99.9% effective at capturing and containing particles measuring 1 µ or larger.**

**ProLevel Filtration is a multi-layer filtration system, including a HEPA media filter, that is tested within the vacuum by an independent lab pursuant ASTM F3150.**



- 1) Inner Filter Intercept Micro® Filter
- 2) Outer Filter Micro Cloth Filter
- 3) Dome Filter Plastic cage with Foam Filter Media
- 4) HEPA Media Filter Reduces emissions



## Unique suction cleaning method from ProTeam

- **CLEANS CARPET & HARD SURFACES** without stirring up dust.
- **AIR STAYS CLEANER** reducing the need to dust as often.
- **OPERATORS CAN WORK** without breathing unhealthy air.

ProTeam cordless backpack vacuums clean **5x faster** than commercial uprights

ProTeam backpack vacuums clean **52% faster** than a dust mop in crowded classrooms and congested areas

Dust bunnies reappear in **24 hrs** after dust mopping compared to **72 hrs** w/ ProTeam backpack vacuum

Source: The Official ISSA Cleaning Time (www.issa.com) Used with permission.; Toxics Use Reduction Institute (TURI), University of Massachusetts Lowell, Nov. 2012

# HIGH DUSTING

ProTeam vacuums are designed to have a high level of filtration and when a high dusting kit is added, many difficult above-the-floor cleaning solutions are made available to the end-users.

## Extension Wands

Provide 10-12 feet of effective cleaning reach.



## ProTeam is committed to **CLEANING FOR HEALTH**

The ProTeam commitment to high-quality manufacturing results in high-filtration vacuums that help triumph over the challenges of Cleaning for Health.



The American Lung Association does not endorse product, device or service.

ProTeam is a proud partner of the American Lung Association. Together, we fight for clean indoor air so that we all can breathe easier.

For more information on indoor air quality, call 1-800-LUNG-USA or visit [Lung.org](http://Lung.org). ProTeam is a proud partner of the American Lung Association. The American Lung Association does not endorse product, device or service.



Ph. 866.888.2168 | [customerservice.proteam@emerson.com](mailto:customerservice.proteam@emerson.com) | [proteam.emerson.com](http://proteam.emerson.com)

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