



Game-Changing Design Innovation

In 1987, ProTeam revolutionized the commercial cleaning world by introducing the lightweight backpack vacuum.

ProTeam discovered that a backpack vacuum dramatically improved worker productivity, effectiveness and ergonomic comfort.

Scientific studies and maintenance crews consistently find ProTeam vacuums save time, money, and resources while improving Indoor Air Quality.

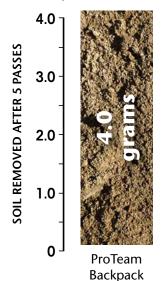
With durable materials and fewer moving parts, ProTeam vacuums last for years, while reducing repair and maintenance issues.

Today, the legacy of innovation continues with a full range of vacuums and floorcare tools designed to tackle every cleaning situation.



PRODUCTIVITY: THE FAST TRACK

- ProTeam backpack vacuums clean more than 3 times faster than commercial uprights.
- Backpack vacuuming is a faster, healthier, more efficient way to clean.
- A cordless backpack vacuum increases efficiencies by saving approximately 1-1.5 hours per a 4 hour vacuum shift.



BACKPACK VACUUM CLEANER EFFICIENCY





In 5 passes, the ProTeam backpack vacuum is:

- 43% more efficient than a commercial upright vacuum.
- **30%** more efficient than a canister in removing soil.

Source— Quality Environmental Services & Technologies, 1996; APC Filtration, Inc., 1996; An Evaluation of ProTeam's QuarterVac and CoachVac in a School Environment, Dr. Eric Brown, Cleaning Research International, UK, 1994

HARD FLOORS

- ProTeam backpack vacuums clean 52% faster than a dust mop.
- Dust bunnies reappear in 24 hours when a floor has been dust mopped as compared to 72 hours when cleaned with a ProTeam backpack vacuum.

Cost of Ownership: BUILT TO LAST



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- For 25 years, ProTeam has designed vacuums with durability and quality in mind.
- ProTeam vacuums are low maintenance and long lasting, with multi-year warranties to back them up.

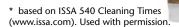
BACKPACK VACUUM CLEANER ROI ANALYSIS

50,000 SF FACILITY

	PRICE	VACUUM	VACUUM*
ProTeam Backpack	\$404	5 Hrs	\$40
ingle Motor Upright	\$225	17.5 Hrs	\$140
Difference	<\$179>	12.5 hrs	\$100

*Using \$8.00/Hr Labor Rate

Annual Savings using a ProTeam Backpack Vacuum versus a 14" upright: \$52,800





\$20 in savings every hour!

- In less than 9 vacuuming hours, you have recouped your <u>additional</u> investment required to purchase a backpack over an upright.
- In less than 20 vacuuming hours, you have recouped your entire investment required to purchase a backpack.





ERGONOMICS: MOVE FORWARD

• ProTeam backpack vacuums reduce repetitive motions, fatigue, and body strain.

• Designed for ease of use.



The results of two studies by the Department of Surgery, Division of Orthopedics, at Ohio State University and the Battelle Memorial Institute, determined that ProTeam backpack vacuum cleaners' ease-of-use and ergonomic design allowed workers to vacuum more than twice the area in half the time with less fatique and body strain.

Source— Battelle Memorial Institute, Ohio State University, Columbus, Ohio, 1998. Reviewed by Jim Fullmer, Certified Human Factors Professional, 2009. ISSA 540 Cleaning Times.

Requires less than half the energy and effort to clean the same area as it would take with an upright

- Backpack vacuums are lightweight. When worn properly, the effect of the backpack on body joints and posture is negligible and similar to walking.
- When working near or on stairs, using a backpack improves mobility and is recommended to reduce the risk of falling.
- Backpack vacuum users maintain a more neutral posture compared to frequent extreme arm and leg extensions seen when using an upright.
- Results in less body stress due to the use of larger muscle groups by minimizing "hunching over" often associated with upright and canister vacuum.
- Increases efficiency by allowing more carpet to be cleaned in a shorter amount of time due to the natural walking motion used.

20% less pressure is felt on the body with the FlexFit articulating harness vs. a standard harness.

Source— Auburn University, 2013. FlexiForce Sensor

SUSTAINABILITY: THE KEY TO EASY OWNERSHIP

ProTeam's Environmental Responsibility:

- Commitment to provide products and services that improve energy efficiencies and reduce potential harm to the environment.
- Applying cost-effective and energy-efficient manufacturing processes.
- Reducing energy consumption and waste.

For 25 years market in eff user effort or repairs and resavings and it cost effective ENERGY EFFICIENT COST EFFECTIVE ENVIRONMENTALLY RESPONSIBLE STATE-OF-THE-ART PRODUCT DESIGN

Impact on the Environment

For 25 years our innovative products have led the market in effective and efficient cleaning with less user effort or strain. Our vacuums require fewer repairs and replacement parts and improve cost savings and indoor air quality.

Product Design

Our vacuums are built to last, and they have–for many years–which reduces items headed to waste landfills. Plus, with fewer moveable parts and washable vacuum body parts and filters, fewer replacement materials are thrown away.

INDOOR AIR QUALITY: TO THINK BIG, THINK SMALL



FACT

ProTeam's exclusive filtration systems capture particulates and pollutants both visible and invisible that can harm health and trigger asthma or allergies.

WHY is it important to filter out particles down to such a microscopic size?

- According to the American Academy of Allergy, Asthma and Immunology,
 25 percent of Americans suffer from allergies costing the U.S. \$10 billion annually in direct health care costs and lost productivity.
- Approximately 13 million school days and 10.1 million work days are missed each year due to asthma, according to the CDC National Center for Health Statistics.

CLEANING FOR HEALTH: PARTNERSHIPS

- ProTeam has a long-term educational partnership with the American Lung Association designed to promote public awareness and education about indoor air quality issues.
- For more information from the American Lung Association, call 1-800-LUNG-USA, or visit their website at www.lung.org.



The American Lung Assocation does not endorse products.



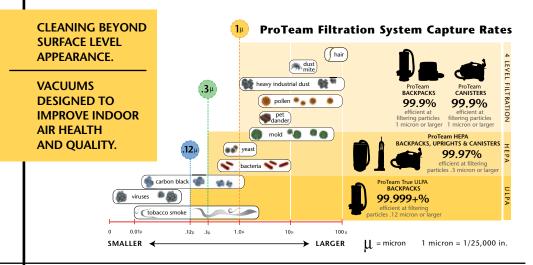
ProTeam vacuums have earned Seal of Approval from the Carpet and Rug Institute (CRI) signifying the vacuum systems meet higher standards for carpet cleaning effectiveness and Indoor Air Quality.

ProTeam vacuums meet the requirements of the U.S Green Building Council's LEED rating system.



PROTEAM'S UNIQUE SUCTION METHOD OF CLEANING:

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



CORE VACUUM LINE

- High Traffic Areas
- Industrial Facilities
- Arenas/Theaters
- Schools
- Large Office Buildings
- Large Meeting Facilities

10 QT. CAPACITY



Super Coach Pro® 10

New triangular shape conforms to back for a closer fit. Innovative FlexFit™ harness distributes weight evenly for a lighter feel.

- Body: 10 lbs./4.5 kg Harness: 2 lbs./.9 kg
- 159 CFM
- 96" Static Lift
- 65.8 dBA

6 QT. CAPACITY



Super Coach Pro 6

Same powerful vacuum as Super Coach Pro 10 in a 6 qt. size for users with a shorter stature.

- Body: 9.6 lbs./4.35 kg Harness: 2 lbs./.9 kg
- 159 CFM
- 96" Static Lift
- 65.8 dBA

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RunningVac®

Exceptional cleaning strength unmatched by traditional canister vacuums.

- 12 lbs./5.4 kg
- 150 CFM
- 100" Static Lift
- 66 dBA



Super HalfVac® Pro

The Next Generation of versatility and performance in a lightweight, compact size.

- 10.5 lbs./4.8 kg
- 106 CFM
- 97" Static Lift
- 66 dBA

CERTIFIED HEPA

- Medical Facilities
- Clean Rooms
- Lead Paint Renovation Critical IAQ Areas
- Computer Labs
- Construction



LineVacer® TRUE SEALED HEPA/ULPA

Appropriate for lead paint renovations under the EPA's RRP rule.

- 13 lbs./5.9 kg
- 124 CFM
- 75" Static Lift
- 64 dBA

BATTERY

Grocery/Retail

School Facilities

• Large Office Areas



GoCartVac®

Plug into a wall socket or run off the large battery reserve. Clean anywhere, anytime.

- 82 CFM
- 67" Static Lift
- 58 dBA
- 36 volt motor



GoFree® Pro

Work without restrictions with our most powerful battery-powered backpack vacuum ever.

- 65 CFM
- 70" Static Lift
- 60 dBA
- 55 min. Run Time

All specs are motor specs

CFM = Cubic Feet per Minute

dBA = A-Weighted Decibel Value

UPRIGHTS

- Hotels, Motels
- Retail Stores
- Residential Cleaning
- Churches

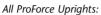
- Offices
- Call Centers



ProForce® 1500XP HEPA

15" cleaning path with on-board tools.

• 18 lbs./8 kg



- Dual Motor System
- 96 CFM
- 84" Static Lift
- 67 dBA



ProForce 1500 HEPA

15" cleaning path.

• 17 lbs./7.7 kg



ProForce 1200XP HEPA

12" cleaning path with on-board tools

• 18 lbs./8 kg

QUIET

- Restaurants
- Office Buildings
- Call CentersSchools

- Healthcare
- Day Cleaning



QuietPro® BP HEPA

High performance where low level sounds are critical.

- 11 lbs./4.9 kg
- Power Mode: 106 CFM, 82" Static Lift, 60 dBA
- Quiet Mode: 74 CFM, 45" Static Lift, 51 dBA



QuietPro CN HEPA

Maximum cleaning with low level sound.

- 12 lbs./5.4 kg
- Power Mode: 124 CFM,
 75" Static Lift, 55 dBA
- Quiet Mode: 85 CFM, 38" Static Lift, 47 dBA

FOODSERVICE



ProVac® FS 6

Designed to triumph over foodservice demands.

- Body: 9.6 lbs./4.35 kg Harness: 2 lbs./.9 kg
- 159 CFM
- 96" Static Lift
- 65.8 dBA



ProVac CN

High performance speed canister vacuum.

- 12 lbs./5.4 kg
- 150 CFM
- 100" Static Lift
- 66 dBA

Accessories / Filters



ProDuster®

ProDuster microfiber sleeves quickly and easily remove dust from nearly all surfaces.



Vac Station

The Vac Station helps operators of any height easily slip on and off any ProTeam backpack vacuum.



Intercept Micro® Filters

The first line of defense in our Four Level® Filtration Systems which reduce and control indoor air pollutants.

FOR MORE INFORMATION ABOUT OUR COMPLETE LINE OF COMMERCIAL VACUUMS CALL (866) 888-2168, EMAIL customerservice.proteam@emerson.com

OR VISIT www.pro-team.com

WET/DRY

- Emergency Clean-Up
- Hard Floor Refinishing
- Foodservice
- Spot Cleaning
- Jobsite Maintenance
- Healthcare



ProGuard® LI 3 Cordless

Cord-free convenience.

- 10.5 lbs./4.8 kg
- Tank Size: 3 gal./11.4 L
- 60 CFM
- 38" Static Lift
- 72 dBA



ProGuard 4 Portable

Compact and versatile.

- 12 lbs./5.5 kg
- Tank Size: 4 gal. /15.2 L
- 142 CFM
- 51" Static Lift
- 76 dBA



ProGuard 10

Heavy duty motor works in toughest environments.

- 28 lbs./12.7 kg
- Tank Size: 10 gal./38.0 L
- 105 CFM
- 95" Static Lift
- 68 dBA



ProGuard 16

Removable handle and onboard storage.

- Tank Size:
 16 gal./60.6 L
- 105 CFM
- 95" Static Lift
- 66 dBA



ProGuard 15*

Variable wheel pattern allows for increased maneuverability.

- Tank Size: 15 gal./57.0 L
- 105 CFM
- 95" Static Lift
- 69 dBA



ProGuard 20*

Large tank capacity for major spills and messes.

- Tank Size: 20 gal./76.0 L
- 105 CFM
- 95" Static Lift
- 69 dBA

*Sold with and without Front Mount Squeegee.

SPECIALTY



MegaVac®

The only backpack that converts to a blower.

- 11 lbs./4.9 kg
- 150 CFM
- 100" Static Lift
- 66 dBA



AviationVac®

Utilizes same 400 Hz power system on transport vehicles.

- 10 lbs./4.5 kg
- 106 CFM
- 82" Static Lift
- 68 dBA



TailVac®

Can be worn around waist, slung over shoulder, or carried by handle.

- 8 lbs./3.6 kg
- 112 CFM
- 63" Static Lift
- 65 dBA



*XP model w/telescoping handle shown

ProBlitz® AirMover

Quiet operation with multiple fan speeds and drying settings.

- 28 lbs./12.7 kg
- 2200 CFM (max)
- Three Fan Speeds: Low, Medium, High
- Three Drying Positions: 0°, 45°/60° (XP), 90°



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