Cleaning for Health®
to Help Improve Indoor Air Quality in Senior Centers

Strategies for more effective cleaning with better efficiency.
Cleaning for Health & ProLevel Filtration®

ProTeam vacuums safely contain and capture harmful particulate that can harm health and trigger asthma or allergies within a ProLevel Filtration system.

The unique ProTeam method of suction-vacuuming cleans carpets, hard floors, and other surfaces without stirring up dust – so the environment stays cleaner and operators can work without breathing unhealthy air.

Indoor Air Quality

The EPA defines Indoor Air Quality (IAQ) as the air quality in buildings, as it relates to the health & comfort of building occupants.

Indoor pollution sources are the primary cause of indoor air quality problems & may cause health issues over time.

ProLevel Filtration

ProTeam vacuums safely capture & contain harmful particulate that can harm health & trigger asthma or allergies within a ProLevel Filtration system.

This system features multiple levels of filters that capture microscopic particles such as bacteria, dust mites, & more with 99.9% efficiency at 1 micron.

ProTeam Senior Living Time Study Analysis

At the Cadence Living facility in Marietta, GA, results indicated that almost 10 hours could be saved daily using the FreeFlex cordless upright instead of a standard corded upright. These savings showed a 66% productivity increase in the lobby area and an overall average increase of 44% for the entire facility.

<table>
<thead>
<tr>
<th>Area Cleaned (Daily)</th>
<th>Sq. Ft.</th>
<th>Corded Upright</th>
<th>ProTeam FreeFlex</th>
<th>Time Saved</th>
<th>Time Saved for *88 Bedrooms</th>
<th>% Productivity Increase over Current Cleaning Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lobby Area, Library and Offices</td>
<td>1,275</td>
<td>28.13</td>
<td>9.67</td>
<td>18.47</td>
<td>-</td>
<td>66%</td>
</tr>
<tr>
<td>TV Room</td>
<td>494</td>
<td>4.93</td>
<td>4</td>
<td>0.93</td>
<td>-</td>
<td>19%</td>
</tr>
<tr>
<td>Copier Room</td>
<td>208</td>
<td>2.75</td>
<td>1.5</td>
<td>125</td>
<td>-</td>
<td>45%</td>
</tr>
<tr>
<td>Dining Room</td>
<td>2,508</td>
<td>24.5</td>
<td>16.20</td>
<td>8.30</td>
<td>-</td>
<td>34%</td>
</tr>
<tr>
<td>Bedroom (*88 Rooms)</td>
<td>242</td>
<td>11.23</td>
<td>4.87</td>
<td>6.37</td>
<td>560.27</td>
<td>57%</td>
</tr>
</tbody>
</table>

Saved Daily for Common Areas | 28.95 mins
Saved Daily for Entire Facility | 589.22 mins

1/2 the energy and effort to clean the same area as an upright.

Source – Battelle Memorial Institute, Ohio State University, Columbus, Ohio, 1998. Reviewed by Jim Fullmer, Certified Human Factors Professional, 2009.

*All time rounded to the nearest hundredth decimal and shown in minutes.
A healthy, quiet, clean environment helps earn a facility the optimum 5 star health inspection rating on Nursing Home Compare.

<table>
<thead>
<tr>
<th>TIME TO VACUUM</th>
<th>COST TO VACUUM*</th>
<th>DAYS/YR</th>
<th>SAVINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ProTeam Cordless Backpack</td>
<td>95 hrs</td>
<td>$123.50</td>
<td>264</td>
</tr>
<tr>
<td>ProTeam Backpack</td>
<td>13.5 hrs</td>
<td>$175.50</td>
<td>264</td>
</tr>
<tr>
<td>ProTeam Cordless Upright</td>
<td>27 hrs</td>
<td>$351.00</td>
<td>264</td>
</tr>
<tr>
<td>14” Upright</td>
<td>35 hrs</td>
<td>$455.00</td>
<td>264</td>
</tr>
</tbody>
</table>

PROTEAM SUPER COACH PRO®
• Fast and efficient
• Clean with less effort

PROTEAM GOFREE® FLEX PRO II
• Cordless efficiency
• Two battery options

PROTEAM FREEFLEX®
• Hybrid Cordless & Corded Unit

PROTEAM QUIETPRO®
• Low decibel
• Non-disruptive

PROTEAM PROGEN®
• Cost-effective dual motor
• Low profile & advanced filtration

PROTEAM PROGUARD® WET/DRY
• Handy for emergency spills
• Maneuverable

WHY GO CORDLESS AROUND SENIORS?

36% OF ALL certified nursing facilities in 2019 were deficient in the Accident Environment category. statehealthfacts.org, Percent of Certified Nursing Facilities with Top Ten Deficiencies, https://www.kff.org/bfc42d9/

60% MORE THAN of nursing home residents will fall each year. National Floor Safety Institute, Slip and Fall Quick Facts, https://nfsi.org/nfsi-research/quick-facts/

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. ProTeam is a proud partner of the American Lung Association. The American Lung Association does not endorse product, device or service.
Filtration Technology Drives Heritage Healthcare Expansion of Vacuum Fleet

Brian Hainse, president of Heritage Healthcare in Cranston, R.I., has seen many changes during his time in the facility management sector, but the commitment of his company to environmental stewardship and providing a high level of service to customers has not.

“My parents believed that senior adults living in a nursing home or other facility deserved the cleanest environment possible, including healthy cleaning methods that would enhance their quality of life.” Hainse says.

Heritage Healthcare has 350 employees, and provides facility management services to clients, including assisted living facilities, nursing homes and hospitals. At each facility that Heritage contracts, personnel run the operation like their own mini business, with a site manager and the personnel required to successfully clean the facility.

Hainse reports that clients realize and expect that that cleanliness goes beyond appearance to the impact that equipment has on the indoor environment. Vacuuming is a key part of the company’s green cleaning regimen, and Heritage began using ProTeam vacuums five years ago.

“I believe ProTeam vacuums are the best equipment for removing harmful airborne particles,” Hainse says. “The ProTeam units remove the particles rather than redistributing them when we vacuum. Mold, dust and bacteria are taken out of the environment, which is better for our customers and the people they serve.”

Heritage uses ProTeam backpack vacuums in common areas and for housekeeping in resident or individual rooms, including cleaning air vents, light fixtures, baseboards, and blinds. ProTeam vacuums feature a ProLevel Filtration system using Intercept Micro Filters, which limits the reintroduction of harmful particles back into the air. The company eventually changed its entire fleet to ProTeam models based on the equipment’s filtration technology, performance and the support Heritage receives from ProTeam.