

INTRODUCTION

INSPECTION

Carefully unpack and inspect your new vacuum for shipping damage. Each unit is tested and thoroughly inspected before shipping. For instructions regarding any shipping damage, contact ProTeam® immediately. All returns must have a Return Authorization Number (RAN).

WARNINGS

- ◆ **DO NOT** vacuum with a frayed, worn, or damaged cord.
- ◆ **DO NOT** vacuum liquids or expose the vacuum to rain or water.
- ◆ **DO NOT** vacuum hazardous or toxic materials.
- ◆ **DO NOT** use to pick up flammable or hazardous materials.

MOTOR

AMETEK LAMB electric thru-flow vacuum motors must never be used in applications in which wet or moist conditions are involved, where dry chemicals or other volatile materials are present, or where airflow may be restricted or blocked. Such motors are designed to permit the vacuumed air to pass over the electrical wiring to cool it. Therefore, any liquid (including water), dry chemical, or other foreign substance that would come in contact with electrical conductors could cause combustion (depending on volatility) or electrical shock. Failure to observe these precautions could result in property damage and severe personal injury, including death in extreme cases.

ELECTRICAL

Excluding the 220 V motors, vacuum motors operate on a standard 120 volt, 60 Hz, AC circuit. Severe changes in voltage, high or low, can cause damage to the motor and premature motor failure. Model numbers and specifications can be obtained by calling ProTeam®.

GROUNDING INSTRUCTIONS—COMMERCIAL-RATED UNITS

COMMERCIAL-RATED VACUUMS MUST BE GROUNDED. If the vacuum should malfunction or stop working, grounding provides a path of least resistance for electrical current, thereby reducing the risk of electrical shock. This unit is equipped with a cord that has an equipment-grounding conductor and grounding plug. The plug must be inserted in an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances. Cutting off the ground wire or using a cord that is not equipped with a ground plug will void the warranty on the unit, and ProTeam® will accept NO liability associated with the unit.

Improper connection of the equipment-grounding connector conductor can result in a risk of electrical shock. Check with a qualified electrician or service person if you doubt that the outlet is properly grounded. Do not modify the plug provided with the vacuum. If it will not fit the outlet, have a proper outlet installed by a qualified electrician.

SAFETY INSTRUCTIONS

WARNING

To reduce the risk of fire, electric shock or injury, read the following:

1. Do not leave any ProTeam® vacuum plugged in when not in use. Unplug it from the outlet when the unit is not in use and before servicing.
2. Do not use outdoors or on wet surfaces.
3. Do not try to recover any liquid with this vacuum. This vacuum is for DRY RECOVERY only.
4. Use only as described in this manual. Use only manufacturer's recommended attachments and replacement parts.
5. On commercial units with 18" power supply cords: To prevent electrical damage, use the recommended 50 foot/16 gauge extension cord provided. If you need to use a 100 foot cord, it must be 14 gauge or better. DO NOT use cords longer than 100 feet.
6. DO NOT USE A DAMAGED CORD OR PLUG. If the unit is not working as it should, or if it has been dropped, damaged, left outdoors, or exposed to water, return it to an authorized ProTeam® Warranty Station for inspection.
7. Do not pull or carry the vacuum by the cord or use the cord as a handle. Do not close a door on the cord or pull the cord around sharp edges or corners. Do not run over the cord. Keep the cord away from heated surfaces.
8. DO NOT pull on the cord to unplug. Grasp the plug at the outlet and pull.
9. Do not handle the plug or vacuum with wet hands.
10. Do not put any objects into openings. Keep hair, loose clothing, fingers, and all parts of the body away from openings and moving parts. Long hair should not hang over or near the unit.
11. Do not vacuum flammable or combustible materials or anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
12. Empty the Micro Filter after every use and before storage. Some types of wood dust and debris may catch on fire.
13. Turn off the unit before unplugging.
14. Connect to a properly grounded outlet only.
15. Use with care when cleaning stairs.

ADDITIONAL WARNINGS FOR USE OF POWER NOZZLES

1. Always turn off the vacuum before connecting or disconnecting either the hose or motorized nozzle.
2. The hose for the power nozzle contains electrical wires. Do not use if damaged, cut, or punctured. Avoid picking up sharp objects.
3. Read the safety instructions included with the power nozzles.

SAVE THESE INSTRUCTIONS
Violation of any of these instructions may void any and all warranties.

ELECTRICAL CORD CARE

NEVER stretch the cord tightly between the vacuum and the outlet. A cord that is stretched or pulled will not function properly and creates a danger.

After vacuuming, unplug the extension cord at both ends and wind it up loosely (Figure DD). DO NOT wind the cord up by wrapping it around your hand and elbow.

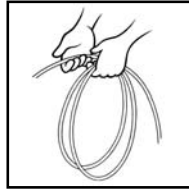


Figure DD

PROPER STORAGE

When the vacuum is not in use, it should be stored in a dry place.

PROPER VACUUMING MOTION FOR LARGE AREAS

1. Begin with the wand parallel to your body.
2. Draw the top of the wand in toward your waist and twist at the waist walking backward or forward (a side-to-side motion) (Figure EE).
3. The motion is similar to mopping and keeps the upper body and arms from tiring.



Figure EE

ERGONOMICS

- With the ProVac, Alpine®, Sierra®, Everest and LineVacer® the weight of the vacuum should be carried on the operator's hips and be evenly distributed. The padded waist belt or waist and shoulder straps are adjustable for a custom fit.
- On the ProVac, Sierra®, Everest and LineVacer® the ventilated backplate helps keep the operator cool.
- The ProClean™ is lightweight and rolls smoothly to eliminate heavy or difficult dragging. The weight of the ProClean™ is very well-balanced for ease in carrying by the handle.
- The on/off switch is conveniently placed for easy access on the waist belt of the backpack vacuums, on the left side of the Alpine® body, and on the top of the canister on the ProClean™. On the ProTeam® Power Nozzle, the on/off switch is on the handle of the electrified hose.
- Use the proper attachments for the job. ProTeam® has attachments to perform most jobs without requiring that the operator bend over or get into difficult positions.

CARING FOR YOUR VACUUM

1. Every time you finish vacuuming, shake out the cloth and Micro Filters.
2. Each week, rinse, air dry, and return the foam/filter diffuser to the bottom of the backpack vacuums below the motor.
3. After each shift, wipe the inside and outside of the vacuum with household cleaning agent.

PREVENTIVE MAINTENANCE

WARNING: The following information is for use by qualified service personnel only and provides guidance for troubleshooting and maintenance.

- UNPLUG the vacuum when working on the motor or any electrical part.
- CHECK the condition of all electrical cords before each use.
- CHECK the carbon brushes on the motor every six months and replace any brush worn down to 1/2" in length. If carbon brushes are not checked and replaced (if necessary) every six months, motor warranty will be void.
- DO NOT lubricate the motor; it is equipped with sealed bearings.

TROUBLESHOOTING

1. If the vacuum will not operate, check:
 - a. The power supply cord at the wall outlet.
 - b. The power supply cord at the vacuum.
 - c. That the switch is in the "on" position and functioning properly.
2. If the pigtail (18" power cord) is getting warm, check to see that the extension cord does not exceed a length of 50 feet at 16 gauge or 100 feet at 14 gauge. Longer cords will overheat and damage the vacuum.
3. If the exhaust that comes out of the bottom of the vacuum is warmer than usual, check, clean or replace all four filters.
4. If the power switch fails, check the circuit breaker. If that is not the problem, see a ProTeam® Warranty Station.
5. If loss of suction occurs:
 - a. Check that debris is not plugging the hose, wand, and/or floor tool.
 - b. Check, clean or replace both Micro and cloth filters.
 - c. Check that the hose cuffs are fitting tightly on the hose and are not cracked.
 - d. Check that the cap is properly attached to the vacuum body.

MAINTENANCE OF THE PROTEAM® POWER NOZZLE

- DO NOT OIL. The motor in your power nozzle is permanently lubricated and sealed. Do not oil the motor at any time.
- For maintenance of the power nozzle, including instructions for the brush roll, belt, and brush strips, consult the instructions packaged with the power nozzle.
- Maintenance instructions for the power nozzle are for use by qualified service personnel only.

FILTER MAINTENANCE

1. Check the Micro Filter EACH and EVERY time you start and finish vacuuming. A clogged and dirty filter restricts airflow, resulting in reduced suction, overheating and possible damage to the vacuum.
2. While vacuuming throughout a building, stop every two hours or as needed to shake out the Micro Filter (Figure FF). Replace with a new Micro Filter when necessary.

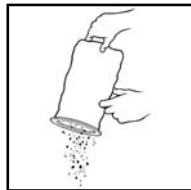


Figure FF

NOTE: Lift both Micro and cloth filters out at the same time to avoid ripping the Micro Filter, especially if it is full (Figure GG - as shown on Proclean™).

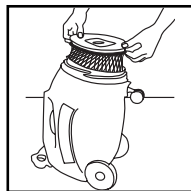


Figure GG

3. Once a month (or more often if necessary) hand or machine wash the cloth filter and let it LINE DRY. (Do not put it in the dryer.)
4. Once a week (or more often if needed) clean the dome filter, located inside the vacuum underneath the Micro and cloth filters (Figure HH).
 - a. Pull the top piece of the dome filter off and remove the foam media (Figure II). Shake it out, rinse it, and let it air dry thoroughly.
 - b. Before the next use, return the foam media to the dome filter. Replace with new foam media if necessary.
 - c. Firmly snap the top piece of the dome filter into place.

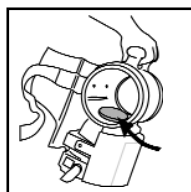


Figure HH

NOTE: If using a high filtration disc in place of the foam media, check it every two to three weeks. When the disc becomes discolored, replace it with a new disc. The life of the high filtration disc will depend greatly on the use and care of the Micro Filter and cloth filter.

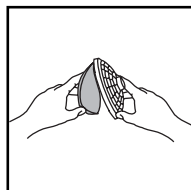


Figure II

5. For the Alpine®, once a month (or as necessary) take off the shroud assembly by removing the two screws (Figure JJ). Rinse the foam attached to the inside of the shroud with warm, soapy water and let it drip dry. Reattach the shroud assembly before the next use.

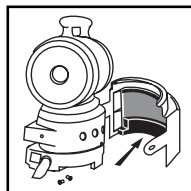


Figure JJ

LIMITED WARRANTY

ProTeam®, Inc. warrants this vacuum cleaner to be free from defects in materials and workmanship for a term of 25 years on plastic tanks and lids and one year on all other parts. AMETEK factory warranty applies to the motor. This warranty is good for one year from the date of purchase only when the vacuum cleaner is used in accordance with ProTeam®'s operating instructions. This warranty does not apply to:

- (i) normal wear on parts that require replacement under normal use including, but not limited to: hoses, filter cartridges, and attachments;
- (ii) ordinary wear and tear and blockages which occur during use; and
- (iii) vacuum cleaners that break down because of unauthorized or improper use, modification, alteration, service, or repair.

This warranty is extended only to the original purchaser of the vacuum cleaner in the United States and may be enforced only by such person or company. If the vacuum cleaner is found to be defective during the warranty period, it will be ProTeam®'s option to replace or repair it, without charge, if returned in accordance with the following instructions:

The vacuum cleaner should be cleaned and packed carefully in a well padded and insulated carton and returned, shipping charges prepaid, or taken to any authorized ProTeam® Warranty Station

If a completed warranty card has not been returned to ProTeam®, a dated, written, proof-of-purchase must be enclosed with a statement advising the nature of the malfunction and a Return Authorization Number. This authorization number may be obtained by calling ProTeam®'s customer service department. Care must be exercised in the proper packing of the vacuum cleaner when returned under this warranty, as ProTeam® will not be responsible for warranty repairs to products damaged during transit because of improper packing.

Any repair or replacement under this warranty shall not extend the warranty period. THE FOREGOING WRITTEN WARRANTY SHALL CONSTITUTE THE EXCLUSIVE LIABILITY OF PROTEAM®.

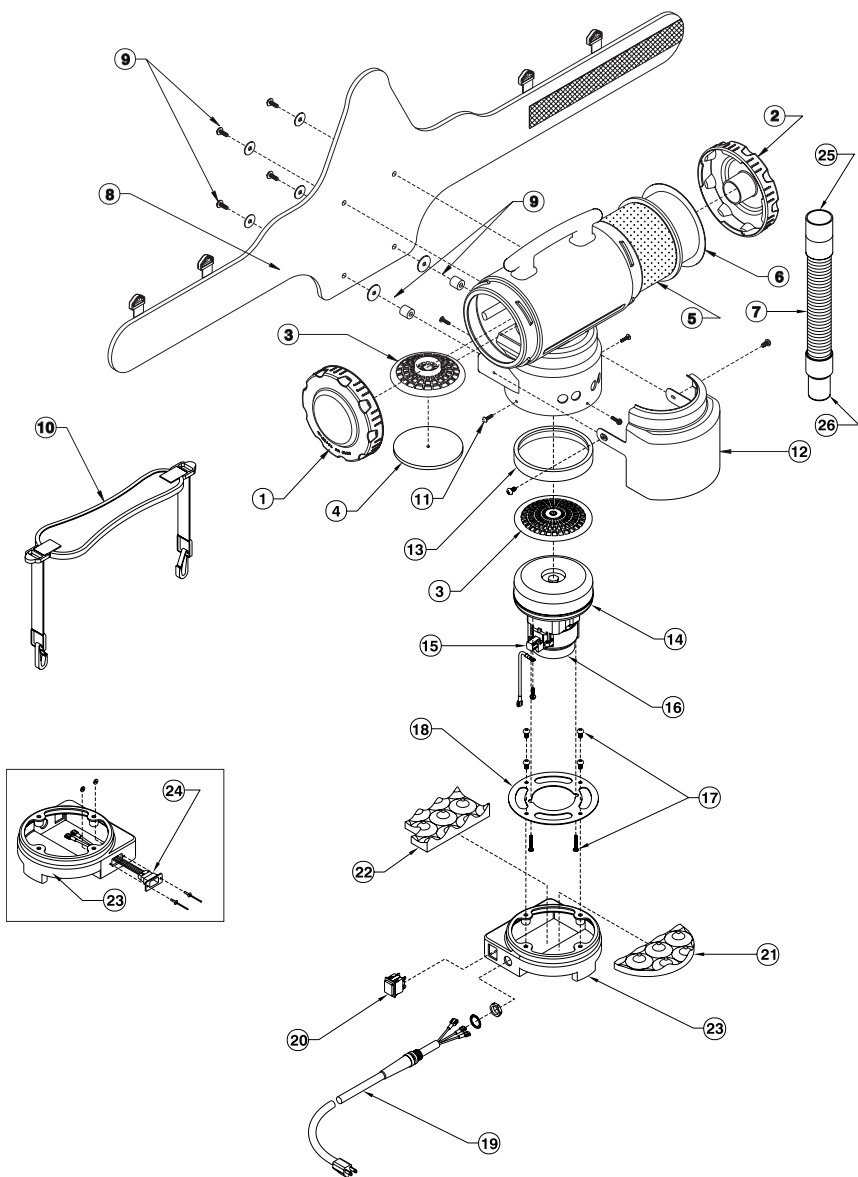
The above warranty is exclusive and in lieu of all other expressed warranties whether oral or written. Any implied warranties that may arise by operation of law, including the implied warranties of merchantability and fitness for a particular purpose, are limited in duration to the one year duration from the date of purchase of the written warranty set forth herein.

Under no circumstances, whether alleged as a result of breach of contract or warranty, negligence or otherwise, shall ProTeam® be liable to the purchaser or gift recipient or any other person for special incidental or consequential damages or nature, including, without limitation, damages to or loss of use of property. ProTeam®'s liability under any circumstances will not exceed the purchase price of the vacuum cleaner. No agent, employee, or representative of ProTeam®, nor any other person, is authorized to modify this warranty in any respect.

ProTeam, Alpine, Sierra, and LineVac are registered trademarks of ProTeam®, Inc. in the USA. Velcro is a registered trademark of Velcro Company in the USA.

***Warranty does not apply to power nozzle assembly

ALPINE® ASSEMBLY



18700 Alpine with commercial tools
 15702 Powerhead for Alpine
 15704 Alpine bags

Owner's Manual

ALPINE® PARTS LIST

ITEM	ORDER#	DESCRIPTION	QUANTITY
1	101781	Blind Twist Cap Assembly	1 each
2	101499	Twist Cap for 1 1/2" Cuff	1 each
3	102784	Dome Filter w/ Foam Media	1 each
4	101949	Foam Filter Media for Dome Filter	1 each
	102761	High Filtration Disc (Optional)	2/pack
5	100564	Cloth Filter	1 each
6	100431	496 sq. in. Intercept Micro Filter™	10/pack
7	101705	3' to 1' Stretch Hose w/Cuffs 1 1/2"	1 each
8	102878	Waist Belt w/Velcro®	1 set
	103025	Retrofit Set: Waist Belt and Monostrap	1 set
9	101274	Waist Belt Connection Set: 4 Screws, 6 Washers, 2 Stand-offs	1 set
10	102879	Monostrap Assembly	1 each
11	101272	Step Cap Screw Kit: 4 Screws	1 set
12	101753	Deflector Shroud Assembly w/2 Screws	1 each
13	103236	Motor Seal	1 each
14	101189	802 Watt Motor/Fan (120 V) w/Crimps	1 each
15	102988	Carbon Brush Set for 802 Watt Motor	1 set
16	103043	Fan & Brush Cover Kit	1 each
17	101271	Motor Mount Screw Kit: 5 Screws, 4 Washers, 1 Nut	1 each
18	100950	Director Plate	1 each
19	101713	Power Cord Assembly (18" 16/3) Complete w/Strain Relief w/Locknut and Washer	1 set
20	100743	Double Pole On/Off Switch	1 each
21	101228	Front Sound Foam Baffle	1 each
22	101229	Rear Sound Foam Baffle	1 each
23	105045	Step Cap	1 each
24	105042	Receptacle Replacement Kit w/Att. Front Sound Foam, 2 Rivets, 2 Washers, 1 Receptacle, 1 Connector & Wire Assembly, 2 Female Crimps	1 set
25	101536	Replacement Fixed Hose Cuff (Black) 1 1/2"	1 each
26	100694	Replacement Swivel Cuff (Black) 1 1/2"	1 each
	101678	50' Extension Cord (Not shown)	1 each

Owner's Manual