

OWNER'S MANUAL



**HEATED CARPET SPOTTER
MODEL: S2H-200**



You have just purchased one of the finest and most desirable devices for carpet spot extractions.

Read the following information to obtain maximum performance and to acquaint you with your new Aztec Products Carpet Extractor features.

FOR ASSISTANCE –

CALL 800-331-1423

EASTERN TIME

BEFORE YOU START:

- SAFETY
- OPERATION
- SERVICE
- PARTS
- TROUBLESHOOTING
- RETURN GOODS POLICY



READ and UNDERSTAND this material before operating or servicing this equipment. Failure to understand how to safely operate this tool could result in an accident causing serious injury or death.

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Introduction

This manual is designed to make your job easier. However, there is nothing more important than the safety aids and instructions that are found throughout this document. The Safety Alert Symbol is used to identify topics of primary safety concern wherever they appear. Further, a separate section has been included, "Important Safety Instructions," which deals mainly with accident prevention concepts.

User experience provides the best feedback. We, at Aztek Products, Inc., welcome your comments and suggestions.

Purpose of this Manual

This instruction manual is intended to familiarize operators with safety and maintenance procedures of Aztek Products, Inc. products.

This manual should be kept available to all operating and maintenance personnel.

SPECIFICATIONS

200°F Heated Solution Tank (110°F water heats to 200°F in 8 minutes)

Ready to use when dwell time on pre-spray is completed.

1-1/2 Gallon Solution Tank Capacity

2 Gallon Recovery Tank Capacity

Vacuum Lift 102"

Piston Pump delivers 60 PSI

1600 Watt Heating Element

Lights indicate when heating is in process and operating temperature reached.

Automatic thermostat maintains maximum temperature during standby periods.

Power Requirement less than 15 Amps

Single Power Cord

10 ft. 1-1/4" ID Flexible Vacuum Hose

10 ft. 3/16" ID Spray Hose

Weight of Spotter w/o solution 18 lbs.

Maneuvers easily on 2" Casters

Easily accessible to fill, empty, clean

Dimensions of Spotter: H-17"L-18" W-13"

Spotter furnished with transparent 3" Upholstery Detail Tool

10 Year Limited Warranty

Applications include auto detailing, commercial and household carpet and upholstery cleaning



SAFETY ALERT SYMBOL

The symbol above is used to call your attention to instructions concerning your personal safety. Watch for this symbol. It points out important safety precautions. It means **"ATTENTION! Become alert! Your personal safety is involved!"** Read the message that follows and be alert to the possibility of personal injury or death.



DANGER

Immediate hazards which, if not avoided, WILL result in severe personal injury or death.



WARNING

Hazards or unsafe practices which, if not avoided, COULD result in severe personal injury or death.



CAUTION

Hazards or unsafe practices which, if not avoided, COULD result in minor personal injury or property damage.

Safety is a critical factor in the design of Aztek Products, Inc. equipment. The best program starts with a safety conscious operator. The information highlighted in this bulletin describes operating practices for the benefit of the workers who will use our equipment in their daily jobs. Comments from users are appreciated.

GROUNDING INSTRUCTIONS

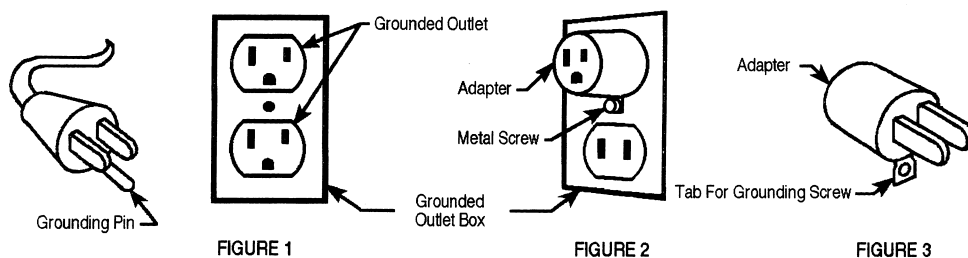
This appliance must be grounded. If it should electrically malfunction, grounding provides a path of least resistance for electric current to reduce the risk of electric shock. This appliance is equipped with a cord having an equipment grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

⚠ DANGER!

Improper connection of the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service person if you are in doubt as to whether the outlet is properly grounded. Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper Outlet installed by a qualified electrician.

This appliance is for use on a nominal 120volt circuit, and has a grounding plug that looks like the plug illustrated in Figure 1 below. A temporary adapter illustrated in Figures 2 and 3 may be used to connect this plug to a 2 pole receptacle as shown in Figure 2 if a properly grounded outlet is not available. The temporary adapter should be used only until a properly grounded outlet (Figure 1) can be installed by a qualified electrician. The green colored rigid ear, tab, or the like extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box cover. Whenever the adapter is used, it must be held in place by a metal screw. Grounding adapters are not approved for use in Canada. Replace the plug if the grounding pin is damaged or broken. The Green (or Green/Yellow) wire in the cord is the grounding wire. When replacing a plug, this wire must be attached to the grounding pin only. Extension cords connected to this machine should be 12 gauge, three wire cords with three prong plugs and outlets. DO NOT use extension cords more than 50 feet (15 m) long.

PLEASE NOTE: FOR NORTH AMERICA ONLY



RETURN GOODS POLICY

As a Aztec Products, Inc. customer, you are aware that the equipment we design and build is both innovative and unique. Since this is true, in order to troubleshoot our equipment, we rely heavily on returned defective or failed parts so that we can examine firsthand the causes of failure. While this may at first be an inconvenience, ultimately you benefit from safer and better designed machine components. Please give us the opportunity to serve you better by following these RGA (Returned Goods Authorization) rules.

1. We maintain the serial number, date of shipment or sale, and customer name on each piece of equipment sold. If you were the purchaser, please reference that information on your request for replacement or repair. If you purchased the equipment through a distributor, please contact them first. If you are not satisfied, contact Aztec Products, Inc. and give us the Distributor name, purchase date, and the serial number of the product.
2. Order the replacement part from your distributor or Aztec Products, Inc. by calling 800.331.1423 during normal business hours (8:30-5:00 Eastern Time). We will ship warranted parts at our expense.
3. When dealing with Aztec Products, Inc., ask for an RGA number when you are ordering the replacement part. Return the failed part to us within 30 days, freight prepaid, exactly as it was at the time of failure. Our inspection and evaluation will attempt to determine the probable cause of failure.
4. If our inspection reveals that the failed part was defective, we will credit your account for the entire amount of the part including your cost of return freight. When incomplete parts are returned for credit, their condition or state of in completion will be assessed against the credit claim at the sole discretion of Aztec Products, Inc.
5. We also offer to do warranty related repairs free of charge at our facility. Arrangements must be made in advance as outlined above. We will not accept freight collect returns or returns that do not indicate the RGA # on the packing list.

Your satisfaction in all of your dealings with Aztec Products, Inc. is extremely important to us. We intend to be reasonable on any matter that is related to our warranted service or other wear-related problems which our customers feel need attention. Please help us to help you. Before assuming that a part is defective, check the repair manual to see if the problem might be something that you or one of your employees might be capable of correcting. If it is not, follow the above policy and depend on us to respond quickly and responsibly.



IMPORTANT SAFETY INSTRUCTIONS

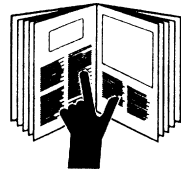

When using an electrical appliance, basic precautions should always be followed, including the following:
Read all instructions before using this appliance.

WARNING!

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

- Do not leave the appliance when it is plugged in. Unplug the unit from the outlet when not in use and before servicing.
- To avoid electric shock, do not expose to rain. Store indoors.
- Do not allow to be used as a toy. Close attention is necessary when used near children.
- Use only as described in this manual. Use only the manufacturer's recommended attachments.
- Do not use with damaged cord or plug. If the appliance is not working as it should be, has been dropped, damaged, left outdoors or dropped into water, return it to a service center.
- Do not pull or carry by the cord, use the cord as a handle, close a door on the cord, or pull the cord around sharp edges or corners.
- Do not run the appliance over the cord. Keep the cord away from heated surfaces.
- Do not unplug by pulling on the cord. To unplug, grasp the plug, not the cord.
- Do not handle the plug, cord or appliance with wet hands.
- Do not put any object into openings. Do not use with any opening blocked; keep free of dust, lint, hair, and anything that may reduce air flow.
- Keep loose clothing, hair, fingers, and all parts of body away from openings and moving parts.
- Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes, or any health endangering dusts.
- Turn off all controls before unplugging.
- Use extra care when cleaning on stairs.
- Do not use to pick up flammable or combustible liquids such as petrol or use in areas where they may be present.
- Anyone designated to operate this equipment must, without fail, read and understand these instructions before attempting to operate the equipment.
- Always disconnect electrical cable from outlet before attempting adjustments or repairs.
- Always use a grounded electrical outlet.
- Never use out of doors or in the rain!
- Never put flammable or explosive materials in this equipment. Never operate equipment in an environment where these materials are present.
- Never use equipment as a toy.
- Do not allow the unit to freeze.
- Do not operate in standing water.
- Do not operate if power cords, hoses, etc. are cracked, frayed, leaking or otherwise in need of repairs.
- Do not operate under any unsafe conditions.

	 WARNING
	Disconnect power before working. Electric shock may occur.

	 WARNING
	A person who has not read and does not understand all operating instructions is not qualified to operate this tool. Failure to read and understand safety instructions may result in injury or death.

<p>SAVE THESE INSTRUCTIONS</p> <p><i>Additional copies of this manual are available upon request at:</i></p> <p>AZTEC PRODUCTS, INC. 4304 Bethlehem Pike Telford, PA 18969</p>
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PREPARING FOR USE AND OPERATING THE MACHINE

SPOTTING PROCEDURES PRIOR TO OPERATING MACHINE

- 1 Soak up excess liquids with a towel.
- 2 Test cleaner on a small inconspicuous area to make sure it will not damage the carpet fibers.
- 3 Apply appropriate spotter, follow directions on bottle.
- 4 Start at outside edges of stain and work toward the center. Use a dabbing, not a rubbing action.
- 5 Repeat steps 3-4 if needed.

OPERATING THE MACHINE

WARNING!

Use only **nonflammable commercial chemicals intended** for machine application.

- 1 UNPLUG machine before attempting to fill with water and position switch to the middle "OFF" position.
- 2 Pour 1-1/2 gallons of the warmest water possible to shorten heating time.
BE SURE TO FILL WATER TO THE LID EDGE! It will not heat unless entirely full.
- 3 Toggle the power switch to "HEAT". The amber light will come on indicating the heating cycle has begun.
- 4 When water temperature reaches maximum degree of heat, the green light will indicate machine is ready for use.
- 5 Toggle the power switch to "Vacuum".
- 6 Release water from nozzle until hot water transfers through the length of vacuum hose. Remember, the remaining water in the hose will be cold.

CAUTION!

Do not continue to use the machine after the Recovery Tank is FULL. This will damage the vacuum motor and is NOT COVERED UNDER WARRANTY.

HOT WATER



**BE AWARE / WATER TEMPERATURE
MAY EXCEED 200°F.
USE CAUTION WHEN USING THIS MACHINE.**

AFTER USE

WARNING!

To reduce the risk electric shock or injury, unplug the power cord before servicing.

- 1 Toggle the Power Switch to the MIDDLE position to turn both the vacuum motor and the solution pump OFF.
- 2 DISCONNECT THE POWER CORD.
- 3 Move the machine to a designated waste water "DISPOSAL SITE".
- 4 Disconnect the Hose Assembly from the machine.
- 5 Tip the Recovery Tank and drain through hose connection port.
- 6 Tip the Solution Tank and drain unused water or solution. Rinse the tank thoroughly if any cleaning chemical was used.

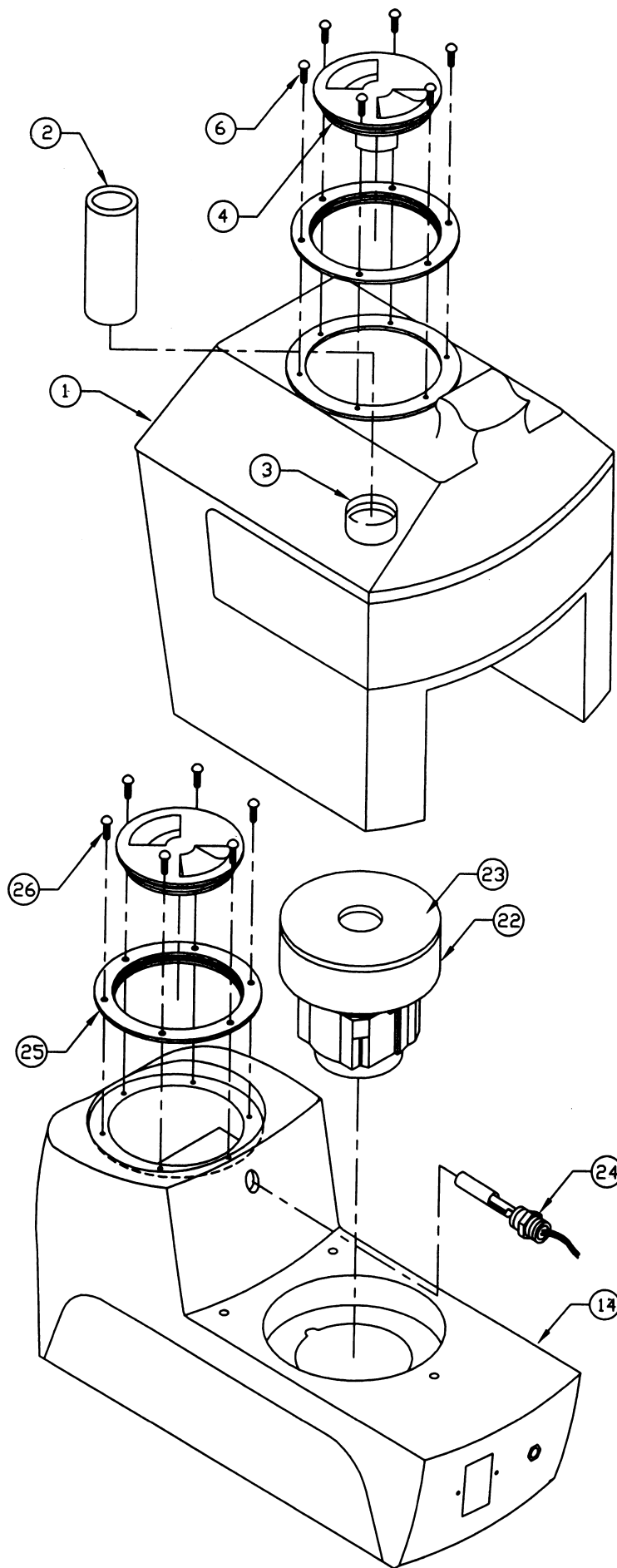
KNOW YOUR MACHINE

DESCRIPTION

PART NUMBER

- | | |
|------------------|--------|
| 1. Recovery Tank | S2-001 |
| 2. Stack Tube | S2-002 |
| 3. Adaptor | S2-003 |
| 4. Lid | S2-004 |
| 6. Screw | S2-007 |

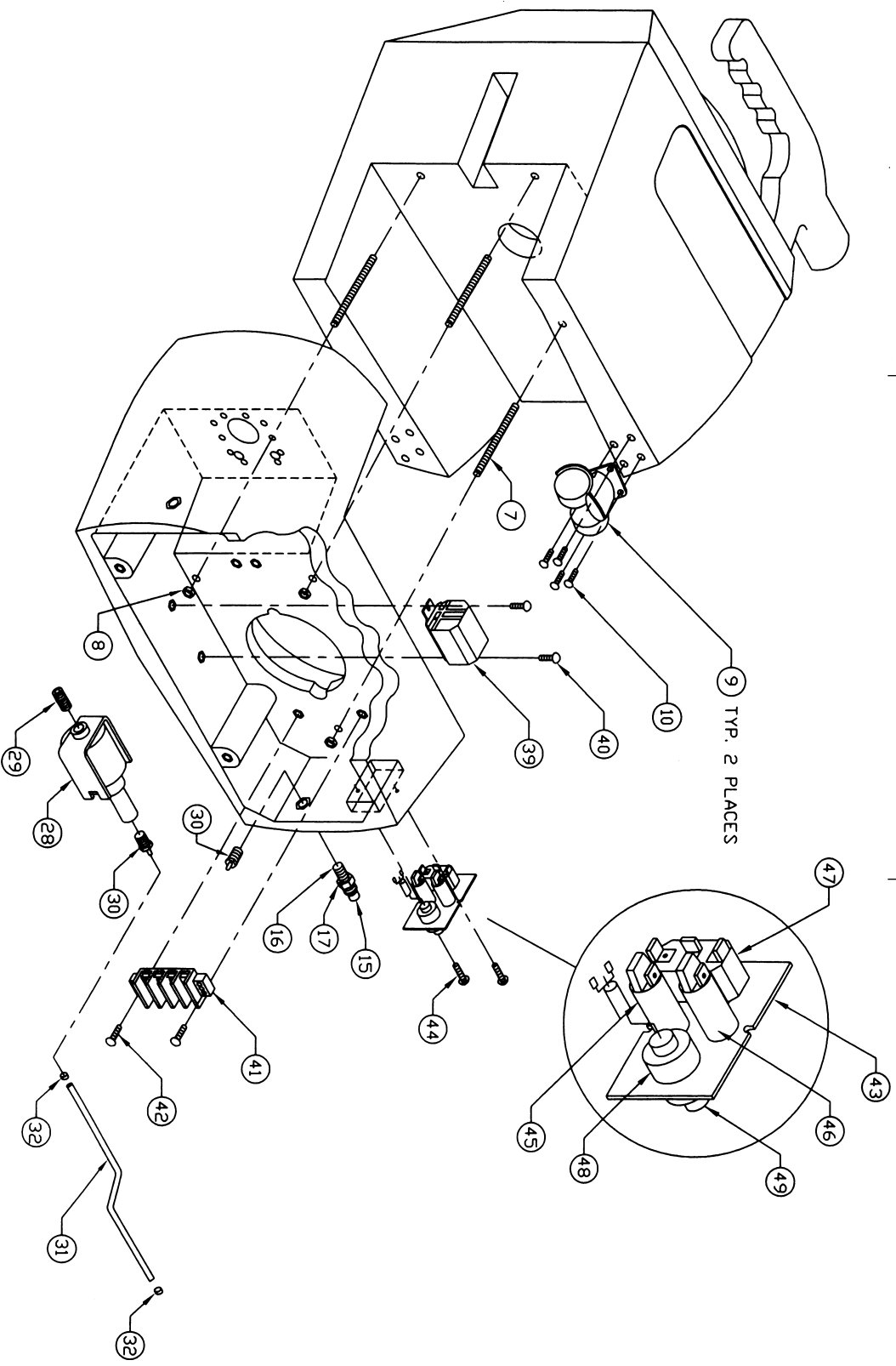
- | | |
|-------------------|---------|
| 14. Solution Tank | S2-001 |
| 22. Vacuum Motor | S2-019 |
| 23. Gasket | S2-020 |
| 24. Float Switch | S2H-021 |
| 25. Lid | S2-004 |
| 26. Screw | S2-007 |

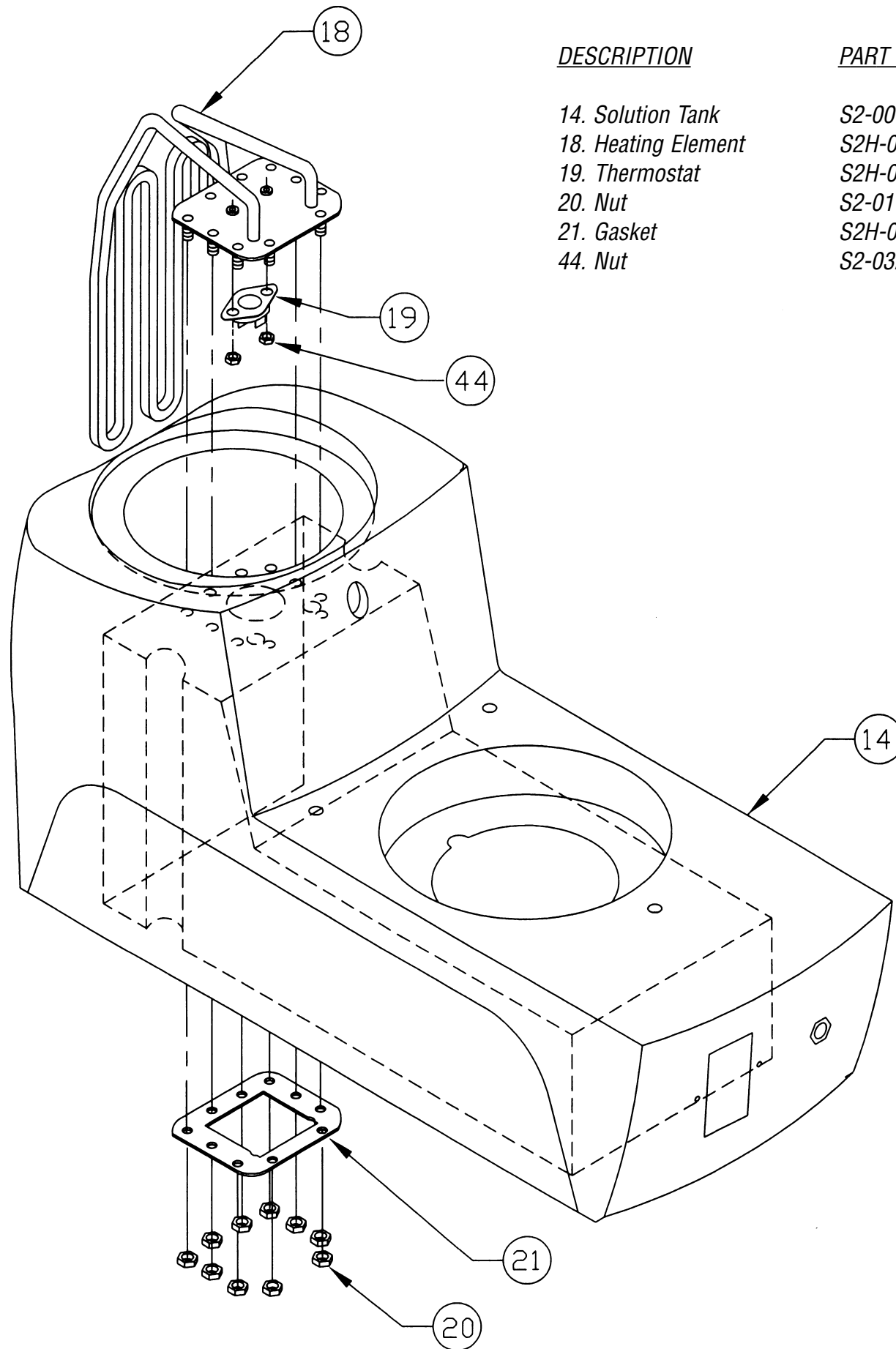


DESCRIPTION	PART NUMBER
7. Stud	S2-008
8. Nut	S2-009
10. Screw	S2-011
15. Plug	S2-012
16. Close Nipple	S2-013
17. Spacer	S2-014
29. Close Nipple	S2-013

DESCRIPTION	PART NUMBER
30. Barb	S2-024
31. Hose	S2-025
32. Clamp	S2-026
39. Relay	S2H-032
40. Screw	S2-028
41. Terminal Block	S2H-033
42. Screw	S2-030

DESCRIPTION	PART NUMBER
43. Control Panel	S2H-031
44. Screw	S2-032
45. Pilot Light, Amber	S2H-033
46. Pilot Light, Green	S2H-034
47. Switch	S2H-035
48. Power Cord	S2-036
49. Strain Relief	S2-037



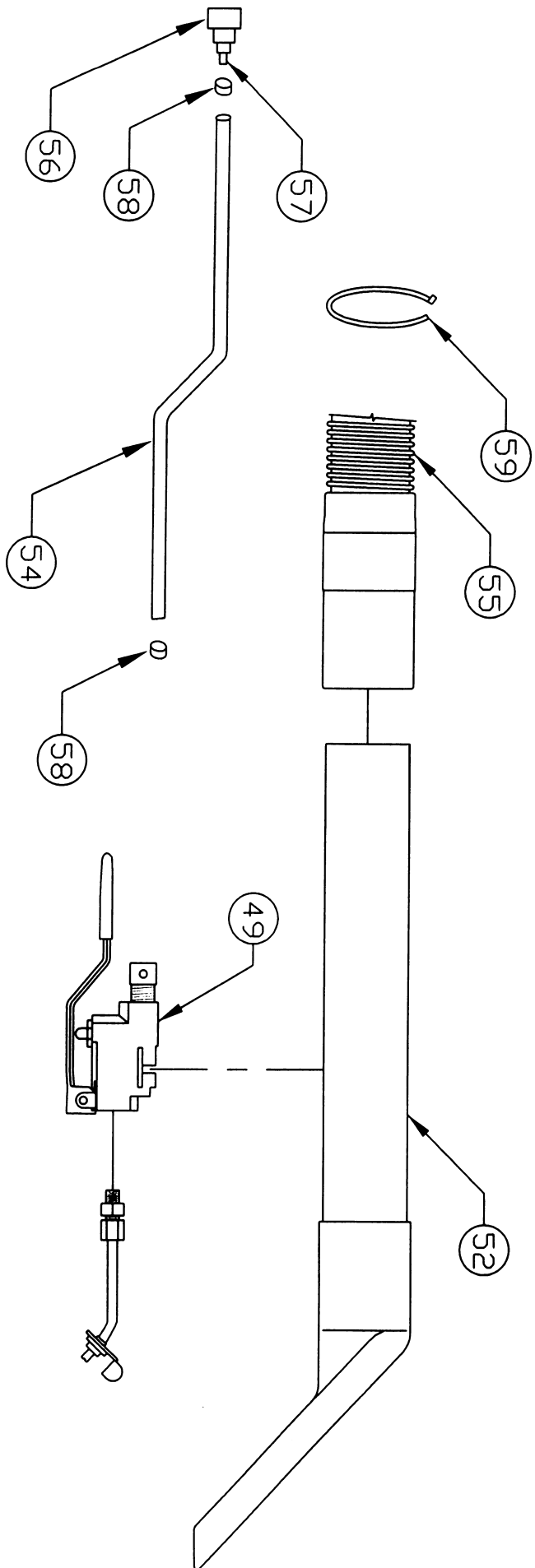


DESCRIPTION

PART NUMBER

14. Solution Tank	S2-001
18. Heating Element	S2H-015
19. Thermostat	S2H-016
20. Nut	S2-017
21. Gasket	S2H-018
44. Nut	S2-032

HOSE AND WAND ASSEMBLY



<i>DESCRIPTION</i>	<i>PART NUMBER</i>
52. Detail Tool	S2-038
54. Hose, Solution	S2-046
55. Hose, Vacuum	S2-047
56. Socket	S2-048
57. 1/4" Close Nipple	S2-024
58. Hose Clamp	S2-026
59. Cable Tie	S2-049

DESCRIPTION

PART NUMBER

33. Bottom Cover

S2-027

34. Screw

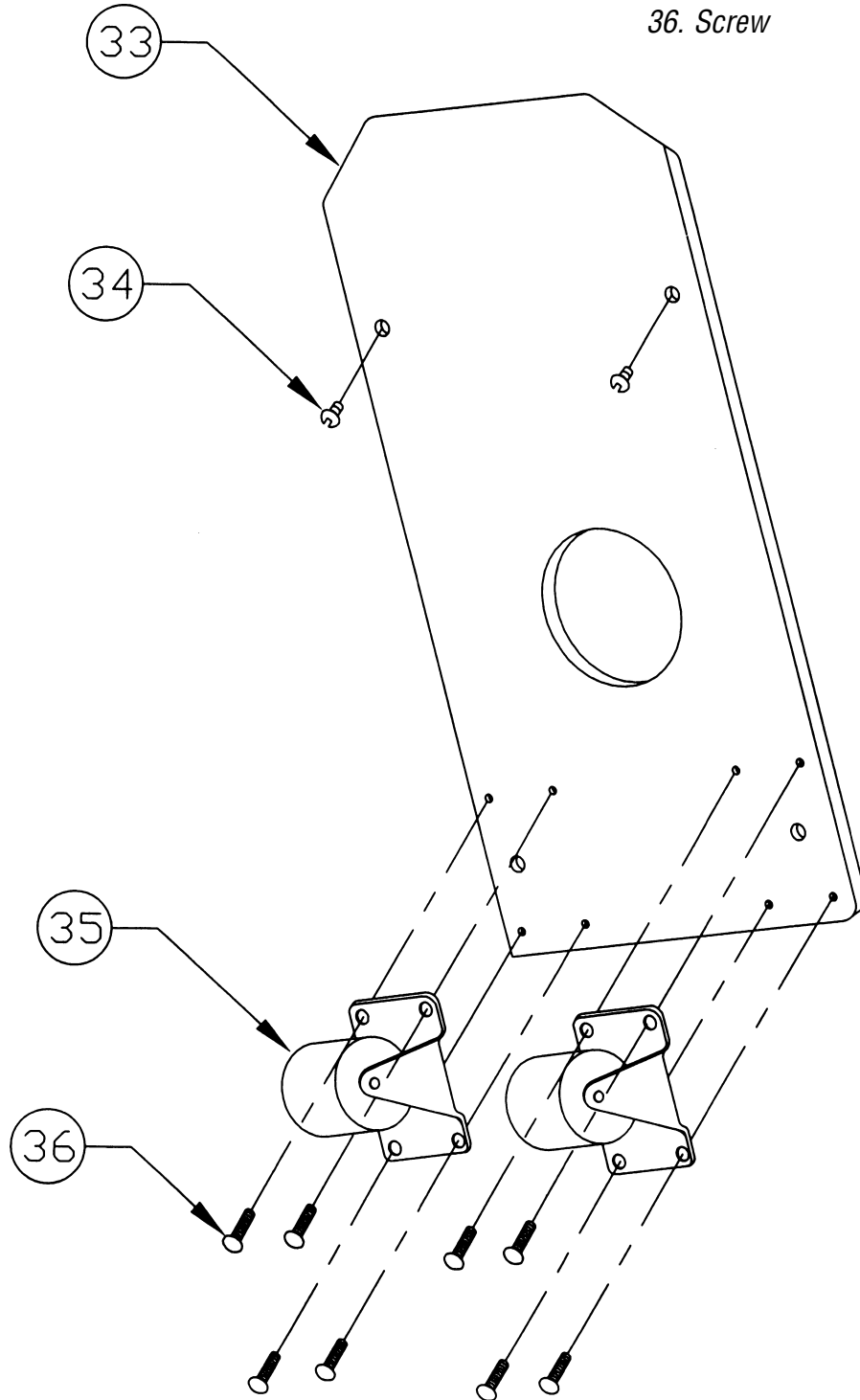
S2-028

35. Caster-Fixed

S2-029

36. Screw

S2-030



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	REMEDY
Will not heat (but vacuum comes on).	Water level too low.	Fill water to top edge of lid ring.
No solution from spray nozzle tip.	Nozzle tip plugged. Check quick-disconnect fitting. Solution tank empty. Pump failed. Kinked solution hose.	Disassemble and clean. Reconnect fitting onto machine. Refill to absolute top of lid ring. Replacement required. Straighten hose.
Poor water pickup.	Vacuum hose cuff is not firmly pushed onto recovery tank fitting. Vacuum motor intake filter is clogged. Vacuum gasket between tanks is worn or damaged. Recovery tank lid not sealing. DEFECTIVE MACHINE! DO NOT ATTEMPT TO REPAIR! Left exposed in freezing conditions. Defective pump seal.	Push hose cuff onto fitting. Check for cracks in hose. Remove and clean filter. Replace gasket. Replace or tighten lid. Unplug immediately and call factory Service Center or the point of purchase. Refer to Service Center. Replace pump.
Overheats and and boils water.	Float level switch in solution tank may be damaged. Thermostat Failure.	Replace float switch. Replace thermostat.
Plugged into outlet, nothing comes on.	Overloaded circuit breaker.	Circuit breaker reset. Unplug other electrical items on same circuit.

AZTEC PRODUCTS, INC. WARRANTY

Aztec Products, Inc., warrants its products to be free from defects in material and workmanship. The warranty is limited as follows:

Component	Term of Warranty
Rotational molded parts	10 years
Pump	1 year
Vacuum motor	1 year
Heating element	1 year

The warranty does not apply to certain consumable or wear parts such as:

Motor Carbon brushes	Bearings
Hoses & hose fittings	Filters & gaskets

The warranty does not apply to damage or failure caused by abuse, misuse, neglect, disassembly, alteration, unauthorized modification or repair, lack of proper maintenance, theft or damage by freight carriers. The warranty applies to parts only. Labor and shipping charges are not covered under this warranty.

In order to obtain parts warranty, the following procedures must be followed:

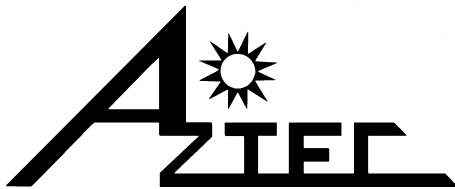
1. All machines are shipped from Aztec Products, Inc. with a warranty activation card. This card must be completed and returned before your warranty can be activated. The customer is responsible to make sure the card is returned.
2. The defective part must be returned freight prepaid to Aztec Products, Inc. with a Warranty Request Form completely filled out and accompanied by a copy of the original purchase invoice.
3. Upon completion of the warranty repair, labor, freight or delivery charges will be the responsibility of the claimant.
4. Only Aztec Products, Inc. or it's authorized dealers may make warranty repairs on Aztec Products, Inc. products. Others do so at their own risk and expense.

This warranty limits Aztec Products, Inc.'s liability for defects in workmanship or materials to replacement of defective parts only. Aztec Products, Inc. will not be liable for incidental or consequential damages arising from the use of any of its products, whether defective or not.

The need for proper maintenance and care for this product cannot be overstated. Poor maintenance, neglect or abuse can prove to be very expensive. Never leave your machine in a truck or other outside storage, area where there is a potential for freezing.

1. Pumps carry a 1 year warranty. However coverage may be denied if there is evidence of the use of chemicals in the solution tank, fiber/hair build-up in the pump chamber, or water damage to the electrical portion of the pump.
2. Vacuum motors carry a 1 year warranty. Motors showing any of the following signs of abuse will be excluded from coverage:
 - a. Signs of moisture in or on the fan/motor chamber area. (This means that if water or foam has been sucked through the motor the warranty is voided.)
 - b. Dirty motors, where failure has been caused by inadequate filtration.
 - c. Motors where excessive wear indicates that the motor has been used to the full extent of it's normal life expectancy, regardless of the date code stamp.

You have purchased a quality product. Each of it's components has been tested and approved for use by the Aztec Products, Inc. engineering staff. It is unlikely that you will ever have a warranty claim if you properly maintain your machine.



AZTEC PRODUCTS, INC.

215.721.4455 or 800.331.1423
215.721.7213 FAX

4304 Bethlehem Pike
Telford, PA 18969 USA

www.aztecproducts.com

DATE PURCHASE: _____
SERIAL NUMBER: _____

SALES & SERVICE PROVIDED BY: