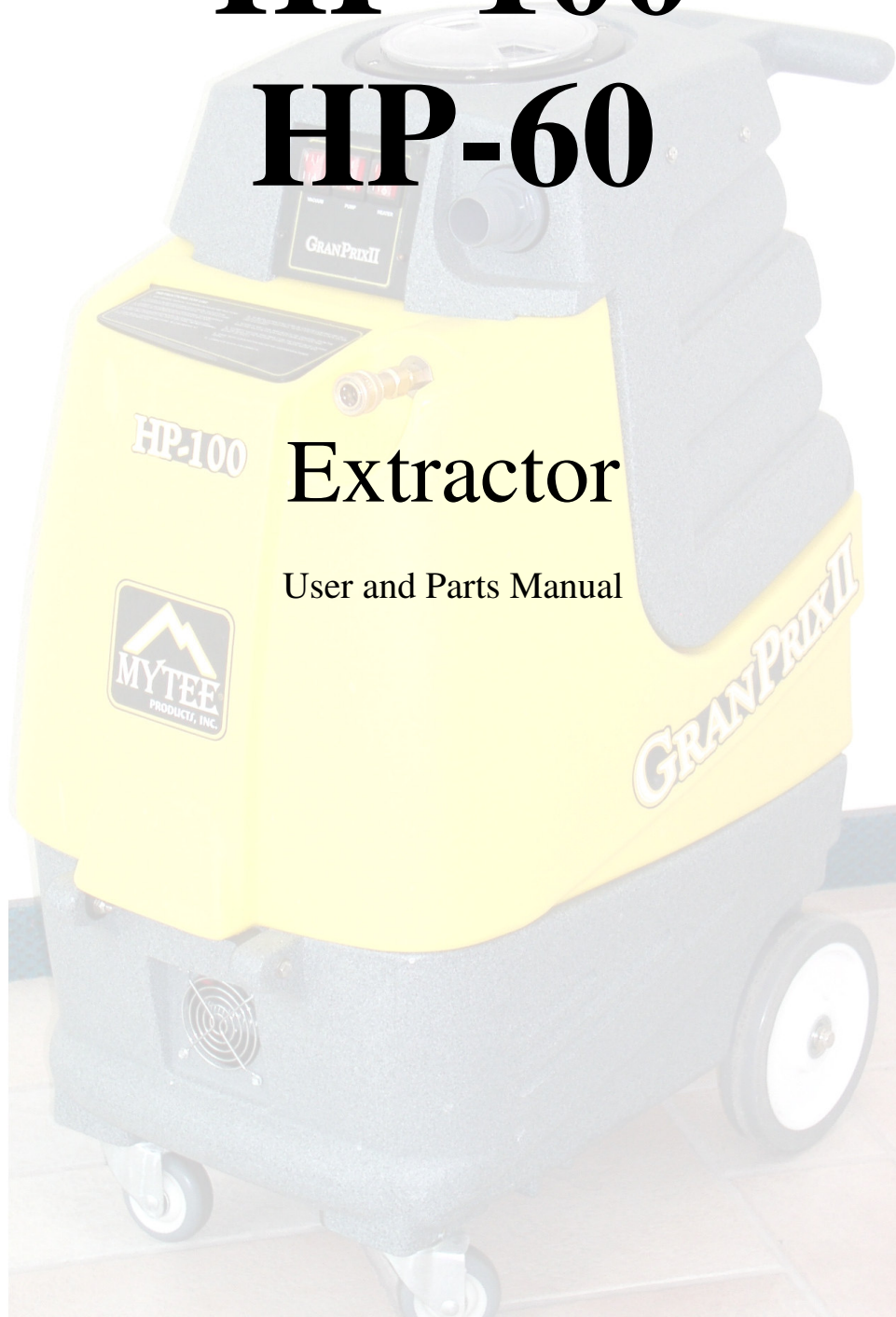


HP-100 HP-60



Extractor

User and Parts Manual

This manual is furnished with each new model. It provides necessary operation and maintenance instructions and an illustrated parts list.

Read this manual completely and understand the machine before operating or servicing it.

Use the illustrated Parts List to order parts. Before ordering parts or supplies, be sure to have your machine model number and serial number handy. Parts and supplies may be ordered by phone or mail from any authorized parts and service center, distributor or from any of the manufacturer's subsidiaries.

MACHINE DATA

Please fill out at time of purchase for future reference.

Model No.: _____

Purchase Date: _____

Serial No.: _____

TABLE OF CONTENTS:

| | |
|------------------------|---|
| SAFETY PRECAUTIONS | 3 |
| GROUNDING INSTRUCTIONS | 3 |
| SAFETY LABELS | 4 |
| MACHINE COMPONENTS | 4 |
| PRE-OPERATION | 5 |
| MACHINE SET UP | 5 |
| WHILE OPERATING | 6 |
| DRAINING RECOVERY TANK | 7 |
| MACHINE MAINTENANCE | 7 |
| DAILY MAINTENANCE | 7 |
| WEEKLY MAINTENANCE | 7 |
| STORING MACHINE | 8 |
| TROUBLESHOOTING | 9 |

SAFETY PRECAUTIONS

This machine is intended for commercial use. It is designed to clean carpet and upholstery in an indoor environment and is not constructed for any other use. Use only recommended cleaning solutions and accessory tools.

All operators must read, understand and practice the following safety precautions.

The following safety alerts symbols are used throughout this manual as indicated in their description:

⚠ WARNING: To warn of hazards or unsafe practices which could result in severe personal injury or death.

FOR SAFETY: To identify actions which must be followed for safe operation of equipment.

The following information signal potentially dangerous conditions to the operator or equipment:

FOR SAFETY:

1. Do not operate machine:

- ◆ Unless trained and authorized.
- ◆ Unless operator manual has been read and understood.
- ◆ In flammable or explosive areas.
- ◆ Unless cord is properly grounded.
- ◆ With damaged cord or plug.
- ◆ If not in proper operating condition.
- ◆ In outdoor areas.
- ◆ In standing water.
- ◆ With the use of an extension cord.

2. Before operating machine:

- ◆ Make sure all safety devices are in place and operate properly.

3. When using machine:

- ◆ Do not run machine over cord.
- ◆ Do not pull machine by plug or cord.
- ◆ Do not pull cord around sharp edges or corners
- ◆ Do not unplug by pulling on cord.
- ◆ Do not stretch cord.
- ◆ Do not handle plug with wet hands.
- ◆ Keep cord away from heated surfaces.
- ◆ Report machine damage or faulty operation immediately to your distributor.
- ◆ Follow mixing and handling instructions on chemical containers.

4. Before leaving or servicing machine:

- ◆ Turn off machine.
- ◆ Unplug cord from wall outlet.

5. When servicing machine:

- ◆ Unplug cord from wall outlet.
- ◆ Avoid moving parts.
- ◆ Do not wear loose jackets, shirts, or sleeves.
- ◆ Use manufacturer supplied or approved replacement parts.

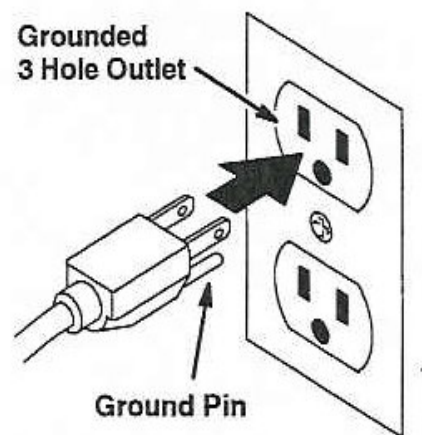
⚠ WARNING: Hazardous Voltage. Shock or electrocution can result. Always unplug machine before servicing.

⚠ WARNING: Flammable materials can cause an explosion or fire. Do not use flammable materials in tank(s).

⚠ WARNING: Flammable materials or reactive metals can cause an explosion or fire.

GROUNDING INSTRUCTIONS

Machine must be grounded. If it should malfunction or breakdown, grounding provides a path of least resistance for electrical shock. This machine 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 in accordance with all local code and ordinances. Do not remove ground pin; if missing, replace plug before use.



SAFETY LABELS

The safety labels appear on the machine in the locations indicated. Replace labels if they become damaged or cannot be read.



! WARNING: Flammable materials can cause an explosion or fire. Do not use flammable materials in tank(s). Flammable materials or reactive metals can cause explosion or fire.

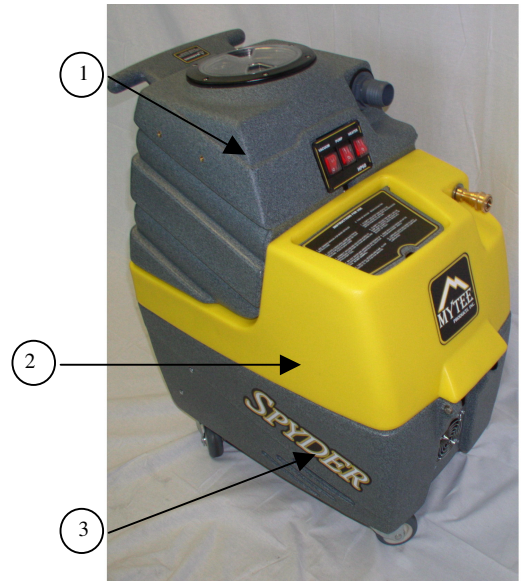
! WARNING LABEL- Located on back. Label warns operator of safe practices of equipment

MACHINE COMPONENTS

HP-100

HP-60

- 1. Recovery Tank
- 2. Solution Tank
- 3. Motor housing/ Base



PRE-OPERATION

1. Vacuum carpet and upholstery and remove other debris.
2. Perform MACHINE SETUP procedures.
3. Inspect power cord for damage.

NOTE: Make sure the quick disconnects snap together firmly. As you do this, always inspect hoses for cracks or fraying. Do not use if hoses are damaged.

MACHINE SET UP PROCEDURES

1. Carefully check carton for signs of damage. Report damage at once to freight carrier. The machine is shipped fully assembled and is ready for use.



2. Open lid of solution tank. Fill solution tank with water or approved cleaning agent.

4. Attach other end of solution hose to upholstery tool.



5. Attach vacuum hose to recovery tank.

⚠ WARNING: Flammable materials can cause an explosion or fire. Do not use flammable solutions or materials in tank(s).

FOR SAFETY: When using machine, follow mixing and handling instructions on chemical containers.

ATTENTION: If using powdered cleaning chemicals, mix prior to adding.

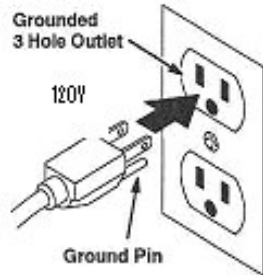


3. Attach male quick disconnect (qd) from solution hose to female qd on front of extractor.

6. Attach other end of vacuum hose to upholstery tool.



7. Plug machine's cord into a grounded wall outlet.



FOR SAFETY: Do not operate machine unless cord is properly grounded.

FOR SAFETY: Do not operate machine with the use of an extension cord.

MACHINE OPERATION

1. After you have completed the machine setup procedures, turn pump switch on.



2. Prime the pump by pulling up on tool lever to release air in the line. Hold lever until you have a steady flow of water coming out of the tool.



3. Once pump is primed and you have pressure in the solution line, turn on heater switch(s) and wait a few minutes for water to heat up.



4. Turn on vacuum power



5. Begin cleaning



NOTE: When cleaning upholstery, always check cleaning instructions sewn in furniture by manufacturer.

WHILE OPERATING

1. Work away from outlet and power cord to prevent cord damage.

2. Use a recommended foam control solution in the recovery tank to prevent vacuum motor damage. Periodically check for excessive foam buildup in solution tank, and recovery tank.

3. To clean heavily soiled areas, repeat cleaning path from different direction.

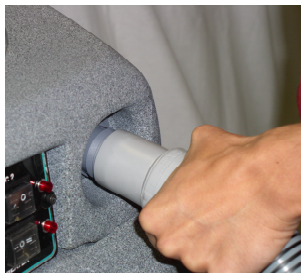
4. When ball float shuts off vacuum, it is time to empty the dirty water from the recovery tank, and refill solution tank.

5. After cleaning, relieve water pressure from tool before disconnecting hose. Squeeze trigger for five seconds after turning main power switch off.

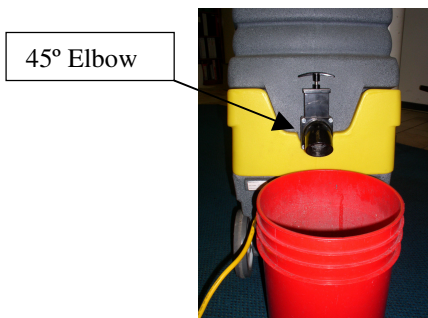
DRAINING RECOVERY TANK

FOR SAFETY: When servicing machine, unplug cord from wall outlet.

1. Turn machine off and unplug power cord.
2. Remove solution & vacuum hose



3. Attach 45°-drain elbow to dump valve and lift up drain valve lever to empty solution tank.



MACHINE MAINTENENCE

To keep machine in good working condition, simply follow machine's daily and weekly maintenance procedures. Check valves and relief valves should be replaced annually.

FOR SAFETY: When servicing machine, unplug cord from wall outlet.

DAILY MAINTENANCE

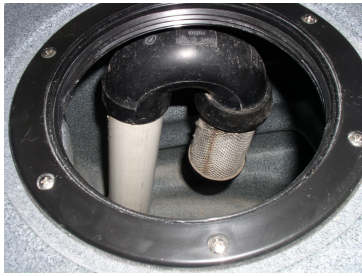
1. Empty and rinse out solution tank thoroughly.
2. Wipe off power cord and check for damage, replace if necessary. Coil cord neatly after use.
3. Clean machine with an all purpose cleaner and damp cloth.

WEEKLY MAINTENANCE (EVERY 20 HOURS OF OPERATION)

1. Flush solution system with Mytee system maintainer to dissolve normal chemical buildup.
 - a. Pour 7.5L (2 gal) of hot water 60°C (140°F) into solution tank. Add Mytee system maintainer according to mixing instructions on bottle

FOR SAFETY: When using machine, follow mixing and handling instructions on chemical containers.

- b. Operate machine for one minute.
 - c. Shut off machine and allow remaining solution to break down chemical buildup overnight.
 - d. Next day, spray out remaining solution and flush system with 11L (3gal) of clean water.
2. Inspect vacuum hoses for holes and loose cuffs.
 3. Inspect spray pattern for clogging. If clogged, remove spray tips and soak them in a recommended liquid neutralizer for up to six hours. To remove spray tip, twist spray tip body counter-clockwise.
 4. Lubricate wheels with water resistant oil.
 5. Inspect machine for water leaks and loose hardware.
 6. Remove float shut-off screen from recovery tank and clean.
- NOTE:** The float shut off screen is not glued on. Simply pull it off.



STORING MACHINE

1. Before storing machine, be certain to completely drain and rinse tanks of all water and solution.
2. Drain and dry the vacuum hose as well, using the drain hose provided
3. Store machine in a dry area in the upright position.
4. Open recovery tank cover to promote air circulation

ATTENTION: Do not expose to rain. Store indoors.

ATTENTION: If storing machine in freezing temperatures, be sure that machine and solution system are completely drained and dry.

TROUBLESHOOTING

SYMPTOM: UNIT WILL NOT TURN ON:

PROBLEM: Not plugged in.
SOLUTION: Plug machine in proper outlet.

PROBLEM: Circuit breaker has popped.
SOLUTION: Reset circuit breaker. Make sure no other items are running on the same circuit as machine. Outlet must be a 20-amp circuit.

SYMPTOM: PUMP IS NOT RUNNING PROPERLY:

PROBLEM: Quick disconnects are not completely locked together.
SOLUTION: Snap quick disconnects firmly together.

PROBLEM: The solution tank is empty.
SOLUTION: Fill the solution tank up with a premixed liquid detergent.

PROBLEM: Jet on upholstery tool is clogged.
SOLUTION: Clean jet with soft wire brush or remove jet and flush clean.

PROBLEM: Filters are clogged.
SOLUTION: Remove filters and rinse clean with water.

PROBLEM: Heater is blocked with hard water deposits.
SOLUTION: Flush out heaters with Mytee Products, Inc. system maintainer solution.

PROBLEM: Brass check valve is stuck.
SOLUTION: Replace with new check valve.

SYMPTOM: VACUUM MOTOR IS NOT WORKING PROPERLY:

PROBLEM: Hose not connected tightly to upholstery tool or machine.
SOLUTION: Connect hose tightly.

PROBLEM: Drain valve is not shut completely.
SOLUTION: Close drain valve completely.


PROBLEM: Vacuum tank lid is not on tightly.
SOLUTION: Secure the vacuum tank tightly.





PROBLEM: Ball float is shut off.
SOLUTION: Empty the vacuum tank of all wastewater.

PROBLEM: Water is coming out of vacuum motor.
SOLUTION: Use a low foaming detergent.

PROBLEM: Upholstery tool or wand is clogged with hair, carpet fibers and or debris.
SOLUTION: Clean upholstery tool or floor wand jets.

PROBLEM: Ball float is not installed correctly.
SOLUTION: Make sure that ball float is firmly installed on the elbow.

| | DESCRIPTION | WHERE USED | PART NUMBER |
|---|---|---------------|-------------|
|  | Vacuum motor 3 stage 115v | HP100 HP60 | C302 |
|  | Quick connect Female 1/4" | HP100 HP60 | B102 |
|  | Quick connect Male 1/4" | HP100 HP60 | B101 |
|  | Element heater 600 watt | HP100 HP60 | E571 |
|  | Switch, 2 position | HP100 HP60 | E592 |
|  | System maintainer, 12 quarts per case | HP100 HP60 | 3601 |

| | | | |
|--|---|-----------------------|--------------|
|  | <p>Strainer, filter 1/2" sol tank</p> | <p>HP100 HP60</p> | <p>B119A</p> |
|  | <p>Thermostat sensor 210° auto</p> | <p>HP100 HP60</p> | <p>E573</p> |
|  | <p>Thermostat sensor 375° manual</p> | <p>HP100 HP60</p> | <p>E574</p> |
|  | <p>Brass check valve</p> | <p>HP100 HP60</p> | <p>B108</p> |

Limited Warranty

It is the constant endeavor of Mytee Products, Inc. to give our customers the highest quality products obtainable. Mytee Products, Inc. warrants each new product purchased from any authorized Mytee Products, Inc. distributor/service center to be free from defects in both workmanship and material, provided that the product is properly maintained, subjected to normal use and that the product is not modified or changed in any way, or exposed to negligence or abuse. This Limited Warranty begins on the date of purchase and is valid to the original purchaser unless otherwise specified. All Mytee Products, Inc. machines are subject to the conditions established in this policy. Mytee Products, Inc. reserves the right to amend this warranty at any time without written notice.

90 day limited warranty: This warranty covers all wear parts for 90 days from date of original purchase. Wear parts are items that simply wear out after time and usage. No amount of maintenance will stop them from being consumable. Wear items are gaskets, wheels, brass, cords, wires, electrical terminals, hoses, switches, thermostats, plastisol parts, filters, bearings, carbon brushes, solenoids, o-rings, ozone bulbs, heating elements, castors or any part deemed as a wear item by the original manufacturer.

1-year limited warranty: Pumps, vacuum motors, blower motors, floor machine motors and heaters have a 1 year limited warranty from date of original purchase. This warranty covers manufacture defect in workmanship. If said items have worn brush motors, water damage, chemical buildup, chemical damage or signs of abuse and neglect, the warranty is voided.

5-year limited warranty: The rotationally molded housing is backed with a 5-year warranty. This warranty is on a pro-rated system as follows: 1st year: 100%, 2nd year: 75%, 3rd year: 50%, 4th year: 25%, 5th year: 12%.

This warranty will be void on all products that show evidence of misapplication, improper installation, abuse, lack of proper maintenance, negligence, abnormal use, alteration from their original design, use of incompatible or corrosive chemicals, use in a rental service, and/or service parts installed or repairs performed by anyone other than Mytee Products, Inc. and/or authorized distributor/service center. Mytee Products, Inc. reserves the right to make necessary changes in the products it manufactures and markets at any time to improve product performance. These changes in products will be made without obligation to change or improve products that were previously manufactured.

Customer's who believe they have a defective product during the warranty period, must contact the dealer from which it was purchased. It is the customer's responsibility to return the unit for inspection along with the sales receipt to verify the date of purchase. If the equipment was purchased from a distributor that is not within driving distance for you to return the machine, you (the customer) are responsible for any transportation or freight charges to have the equipment sent to the distributor you purchased the equipment from or the nearest Mytee Products, Inc. Authorized Service Center. If a thorough inspection of the product by the factory or an authorized distributor/service center indicates defects in workmanship or material, our sole obligation shall be to repair or replace the product at our discretion. If the defective product is not covered under warranty, it will be the customer's responsibility to pay for any parts and labor to repair the equipment.

There are no warranties, which extend beyond the description on the face hereof. This warranty limits any implied warranty to the original purchaser, and no person, company or organization is authorized to assume for Mytee Products, Inc. any other liability in connection with the sale of Mytee Products, Inc. merchandise. Mytee Products, Inc. will not be responsible for incidental or consequential damages, property damage, or personal injury/damage arising from the use of a Mytee Products, Inc. machine to the extent permitted by law. Some states do not allow a limitation on how long an implied warranty lasts or do not allow the exclusion or limitation of consequential damages, so those limitations and exclusions may not apply to all customers. This Limited Warranty gives you specific legal rights and you may also have other legal rights, which vary from state to state.