



Electronic Service Manuals

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AQUADATOR 360

SOLUTION APPLICATOR

INTRODUCTION

OPERATING & MAINTENANCE INSTRUCTIONS

READ THIS BOOK

This operator's book has important information for the use and safe operation of this machine. **Read and understand this manual before starting the machine.** Keep this book and tell all operators to read the book. **If you do not follow the instructions, you can cause an injury or damage equipment, furniture or buildings.**

For new books write to:

Pacific
2259 S. Sheridan
Muskegon, MI 49442-6252

Carefully inspect all components to ensure that there is no concealed freight damage. If such damage is discovered, file a "CONCEALED DAMAGE REPORT" immediately with the delivering carrier.

The contents of this manual are based on the latest product information available at the time of publication. Pacific reserves the right to make changes or improvements to its machines without notice.

**FOR YOUR CONVENIENCE, RECORD THE MACHINE
MODEL AND SERIAL NUMBER HERE:**

MACHINE MODEL _____

MACHINE SERIAL NUMBER _____

IMPORTANT SAFETY INSTRUCTIONS

READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS MACHINE!

WARNINGS:

- 1. USE ONLY AS DESCRIBED IN THIS MANUAL.**
- 2. NEVER TURN THE UNIT ON ITS SIDE.**
- 3. KEEP HANDS AND FEET CLEAR OF ALL MOVING PARTS.**
- 4. ALWAYS STORE EQUIPMENT AWAY FROM POSSIBLE DAMAGE BY FALLING OBJECTS IN WAREHOUSE-TYPE AREAS.**
- 5. THE OPERATOR MUST COMPLETELY UNDERSTAND ALL INSTRUCTIONS, WARNINGS AND OPERATING PROCEDURES BEFORE USING THIS MACHINE.**
- 6. THIS MACHINE MUST BE MAINTAINED IN ACCORDANCE WITH THIS MANUALS RECOMMENDED MAINTENANCE INSTRUCTIONS. FAILURE TO DO SO MAY CAUSE DAMAGE TO THE MACHINE, EQUIPMENT, FURNITURE, BUILDINGS OR PERSONAL INJURY!**
- 7. WEAR PROTECTIVE EYE WEAR AND AVOID SKIN CONTACT WITH ALL CHEMICALS USED IN THIS TANK.**
- 8. DO NOT USE WATER THAT IS HOTTER THAN 60°C (140°F).**
- 9. DRAIN ALL LIQUID FROM THE UNIT IF IT IS TO BE STORED OR TRANSPORTED IN FREEZING CONDITIONS.**

PREPARATION & OPERATION

WARNING! Follow the instructions given in this booklet and the training given by your supervisor for the safe operation of this machine. Failure to do so can result in personal injury and/or damage to the machine or property.

RECEIVING THE EQUIPMENT

Inspect equipment immediately and report any damage or missing parts:

- Chassis – spreader rubber, manifolds, and wheel condition.

APPLICATIONS

Recommended surfaces:

- Vinyl and ceramic tile
- Sealed or finished concrete floors
- Wood, stone and terrazzo

TRANSPORT OF EQUIPMENT TO SITES

- The machine should be transported with the front swivel caster off the ground. This will prevent the spreader rubber from being damaged.
- Never lift tank by gripping the lid retainer ring.

OPERATION

1. Filling Tank: While filling with water, add specified amount of chemical as instructions direct. The tank capacity is 35 gallons.

DO NOT FILL BEYOND 1" FROM LID OPENING.

2. Coverage Width: The left valve control lever on the handle will dispense a 26" path in front of the machine. The right valve control lever will dispense an additional 26" path from the manifold on the right. The right arm will spring back to accommodate narrow areas.

3. Solution Coverage and Application: The amount of solution dispensed will be determined by how much you squeeze the valve control levers and by how fast you walk. A normal walking speed should be sufficient for normal applications.

If the solution is not being spread evenly across the floor, the tank may need to be re-filled. See TROUBLESHOOTING.

4. Transport Upon Completion: Return right spreader manifold to the transport position. Tip the unit back to lift the front spreader off the ground during transport.

5. Clean Equipment:

a) Drain the tank - locate discharge valve at the front of tank. Position for proper draining. Lift "T" handle to regulate solution discharge. Tip machine forward for complete drainage. Take care not to damage manifold or spreader material when draining.

DANGER! Solution will discharge in a large steady stream with some pressure. Wear protective eye wear and avoid skin contact with all chemicals used in this tank.

b) Rinse tank and dispense clean water through manifolds.

c) To tilt machine, rest the unit on the handle. This will expose the undercarriage for cleaning.

d) Rinse wheels, chassis, and spreader rubber.

e) Drain excess water from unit by tipping forward and squeezing valve control levers.

6. Storage: It is very important to **drain all liquid** from the unit if it is to be stored or transported in freezing conditions.

MAINTENANCE

TROUBLESHOOTING

Problem:	SOLUTION KEEPS RUNNING.
Solution:	Valve not closing properly. See VALVE SERVICE.
Problem:	NOT SPREADING SOLUTION EVENLY.
Solution:	• Check spreader material for tears and replace if necessary. • Check valve ports inside of tank for debris. • Check manifolds for even flow with valves wide open. See MANIFOLD SERVICE.
Problem:	LEAKS.
Solution:	See REPAIRING LEAKS section.

VALVE SERVICE

- **Adjustment** - Turning the adjusting nut on the valve control lever located on the handle and locking with the jam nut will determine how much solution is dispensed on the floor. Normal operation will require about 1/8" of play in the valve control lever.
- **Re-Seating Valve** - Remove cable from valve control lever. Hold back conduit in one hand and the cable in the other. Pull the cable out as far as possible and let "SNAP" back. Repeat three times.
- **Debris in Valve** - Squeeze a valve control lever and force water with a hose through that valve port inside the tank.

MANIFOLD SERVICE

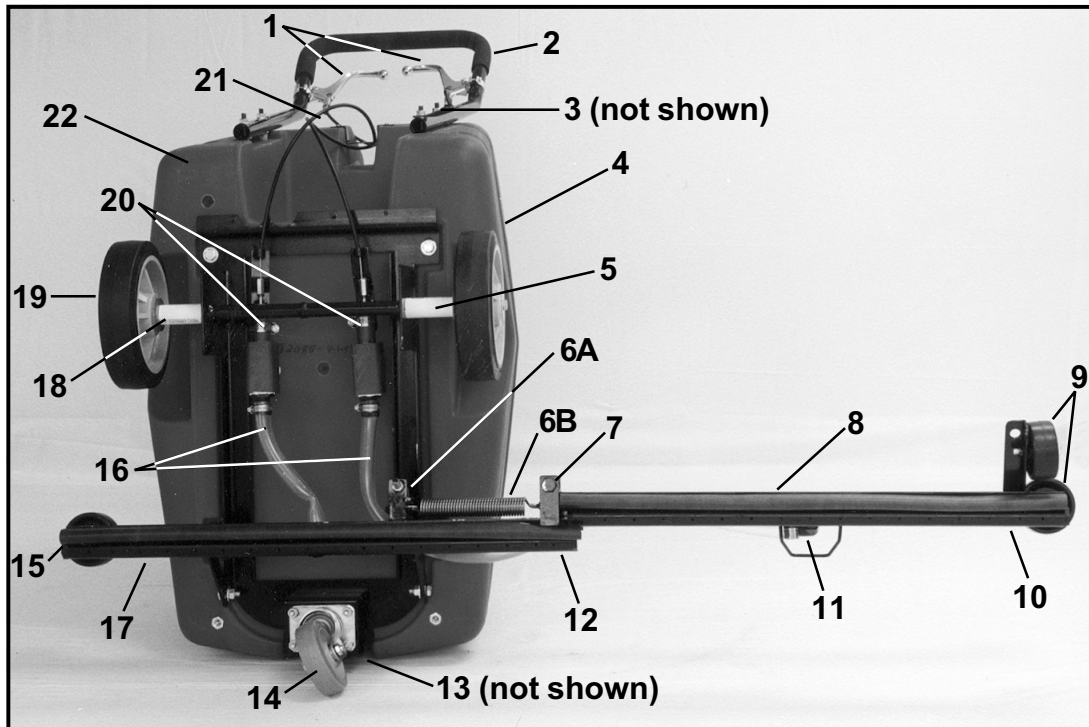
- **Cleaning Manifold** - Remove both end caps and clean out with hose. Replace end caps.

REPAIRING LEAKS

Isolate leak.

- **Fitting Leak** - Remove fitting, clean and smooth the surface and/or gasket. Apply silicon and re-install.
- **Body Leak** - Contact Pacific.

PARTS LIST



ITEM	PART NUMBER	DESCRIPTION	QTY
1	275106	Valve Control Lever	2
2	273901	Handle	1
3	920012	Nylok Nut, 5/16-18	4
4	275107	Lid and Ring, 8"	1
5	278201	Wheel Spacer	2
6A	278301	Pivot Bolt Spring	1
6B	278302	Arm Spring	1
7	271113	Bushing, Nylon	1
8	275601	Right Manifold Assembly	1
9	279701	Guide Wheels	3
10	270701	Blade Spreader Rubber	2.5 ft.
11	273302	Manifold Fitting	2
12	275602	Front Manifold Assembly	1
13	279401	Gate Valve, 1-1/2	1
14	279702	Caster Assembly, 4"	1
15	276801	End Plug, 1/2 MPT	4
16	279001	Poly Tubing, 3/4	3.5 ft.
17	270701	Blade Spreader Rubber	2.5 ft.
18	980646	Washer, Axle Spacer	2
19	279703	Wheel, 8"	2
20	279402	Valve Assembly	2
21	272403	Valve Cable	2
22	278602	Tank, Gray	1

NOTES

NOTES

WARRANTY POLICY AQUADATOR 360

The **Pacific** Aquadator 360 has been manufactured, tested and inspected in accordance with specific engineering requirements and is **WARRANTED** to be free from defects in workmanship and materials as follows:

One (1) year parts and labor - All components unless excluded below.

This warranty extends to the original user/purchaser and only when used, operated and maintained in accordance with **Pacific** Operating and Maintenance instructions.

This warranty does not apply to the following wear parts and accessories of the machine including:

Part Number	Part Name
270701	Blade Spreader Rubber
279703	Wheels
279702	Caster

Nor does it apply to damage or failure caused by improper use, abuse or neglect. Warranty credit or replacement of return parts including motors, etc., is subject to incoming inspection of those items.

To secure repair under this warranty, the following procedure should be taken:

- The inoperative machine or warranted parts must be delivered to the authorized dealer with shipping and delivery charges prepaid. If unable to locate the Dealer, you may contact **Pacific** at the address listed herein for the location of the nearest **Pacific** repair center or agent or for other instructions pertaining to your warranty difficulty.
- Upon compliance with the above warranty procedure, all warranted repairs would be completed at no additional charge or cost to the user.
- Only **Pacific** or its authorized dealers and agents may make no charge warranty repairs on this product. All others do so at their own risk.

This warranty limits **Pacific** liability to the repair of the product and/or warranted parts replacement and does not include incidental or consequential damages arising from the use of a **Pacific** machine whether defective or not.

This warranty is in lieu of all other expressed or implied warranties and is extended to the original purchaser/user.



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