

OWNER'S MANUAL



KWIKLEEN 800

- OPERATION
- MAINTENANCE
- TROUBLESHOOTING
- REPAIR PARTS
- WARRANTY

*READ THESE
INSTRUCTIONS
BEFORE USING*



201 COMMERCE DRIVE • MONTGOMERYVILLE, PA 18936

215-393-4700 • 800-331-1423 • FAX 215-393-4800

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. User experience provides the best feedback. We welcome your comments and suggestions.

RECEIVING THE EQUIPMENT

- Inspect for obvious shipping damage or missing parts.
- Chassis – pump plate, squeegee, and wheel condition.
- Parts – handle, hardware should be attached to mounting studs.
- Any damage or missing parts must be reported to Aztec Products within seven working days of receiving the equipment.

KK800 APPLICATIONS

Recommended surfaces:

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

TRANSPORT OF EQUIPMENT TO SITES

- **The KK800 should be transported with the front swivel caster on the ground. The chassis should be in the “up” or transport position. When moving from site to site, be sure not to drag squeegee across parking lots or thresholds.**
- **Never lift tank by gripping the lid retainer ring.**

KK800 OPERATION

- 1) Press down on the footbar and lift on handle until chassis is locked down into the operating position. Do not press the foot pedal located on the right side of the foot bar.
- 2) Push the machine a few feet forward until squeegee is laid out. A side to side motion will help squeegee to lay out.
- 3) A normal walking speed assures nominal performance. If the pump stops working, see TROUBLE SHOOTING. When foam escapes through breather hole in lid, tank is full (35 gallons) and must be emptied. See CLEANING UP.
- 4) When completed, return the chassis to the transport position by stepping on the foot pedal located on the right side of the foot bar. The 1/4 cup of liquid residue is easily mopped up.

- 5) If the floor is not being wiped dry, the squeegee may need adjustment. See TROUBLESHOOTING.

CLEANING UP

- 1) 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 squeegee 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.

- 2) Rinse the tank with water.
- 3) Remove return bellow from the top of the pump to drain solution that is past the pump. Locate hose clamp on top of pump and loosen, then slide tube off.
- 4) To tilt machine, rest the unit on the foot bar and handle. This will expose the undercarriage for cleaning.
- 5) Rinse wheels, chassis, and squeegee.
- 6) Drain pump by gently pressing on the inlet flapper valve located in the center of the pump plate.
- 7) Flushing pump: hold a hose next to the inlet flapper valve while simultaneously activating the pump by turning a drive wheel. Be sure to drain excess solution from pump.
- 8) Re-install return tube and tighten hose clamp.

KK800 STORAGE

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

SCRUB PAD PRESSURE ADJUSTMENT KNOB

This pressure adjustment has been set at the factory to minimize pressure. To initially set pressure, turn both left and right knobs clockwise until slightly tight.

To apply desirable pad pressure to floor, evenly turn each knob counter clockwise direction. Keep attention to amount of even turns on each side. **NOTICE:** Pad must have even pressure for best results and longest wear life.

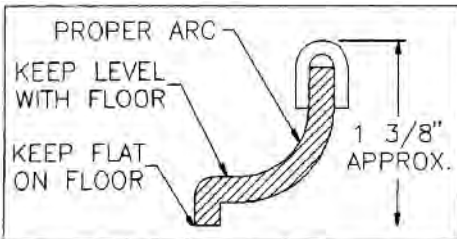
To replace pad: (1) carefully remove knobs and remove entire assembly from underneath unit. Pad will snap off and on without tools.

BE SURE PAD ARM IS REINSTALLED IN THE CORRECT DIRECTION. (2) Install widest side to front and tapered sides to rear, otherwise water will not flow through the pad correctly. Place water spring on each threaded post and replace knobs. Tighten knobs clockwise until tight, then reset to desired pressure.

REMEMBER: THE MORE SCRUB PRESSURE ON THE PADS, THE HARDER IT MAY BE TO PUSH!

SERVICE—SQUEEGEE ADJUSTMENT

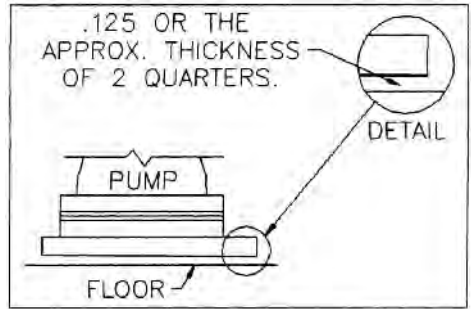
- *Adjusting Squeegee* — The three bolts which attach the squeegee will also adjust the squeegee height. Turn the bolts clockwise (to raise) or counter clockwise (to lower). A 1/2 turn should be enough. Be sure jam nuts are snug. Check performance and adjust accordingly. See figure 1.



CORRECT SQUEEGEE PROFILE (FIG 1)

PUMP SERVICE

- *Cleaning Pump* — Remove pump. Wash in warm water. Make sure that all debris is cleared from inlet and outlet flapper valves. Check for worn parts.
- *Adjusting Pump Plate* — Loosen four nuts holding pump and adjust so black plate is 1/8" from the floor. Check for wear on foot pedal. See figure 2.
- *Rebuilding Pump* — Remove pump. Replace inlet, outlet and then diaphragm components of the pump. Only tighten screws until tan hinge gasket starts to squeeze out. Check pump for suction before re-installing.



PUMP PLATE CLEARANCE TO FLOOR (FIG 2)

REPAIRING LEAKS

Isolate leak.

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

PUMP PLATE ADJUSTMENT

- Loosen (4) hex nuts on pump.
- Adjust to correct height and tighten nuts.

YOUR INITIAL START

Start pushing the machine forward. The pump will self prime during the first few feet of travel. You will begin to hear the suction cycling action of the pump as you push the machine forward. Make your initial push, and forward movement, slightly faster than a normal walking pace, this will result in quicker priming of the pump. If the pump seems to malfunction initially, refer to the troubleshooting procedures.

CONTROL WATER DURING USE

While moving the machine forward, keep a steady consistent pace. If you slow down or stop, immediately shut off the control valve by pushing it toward the front of the machine. This will avoid the accumulation of excess amounts of solution while the machine is not moving. The pump only functions while the machine is in motion.

VALVE SERVICE

- *Adjustment* — Turning the adjustment 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

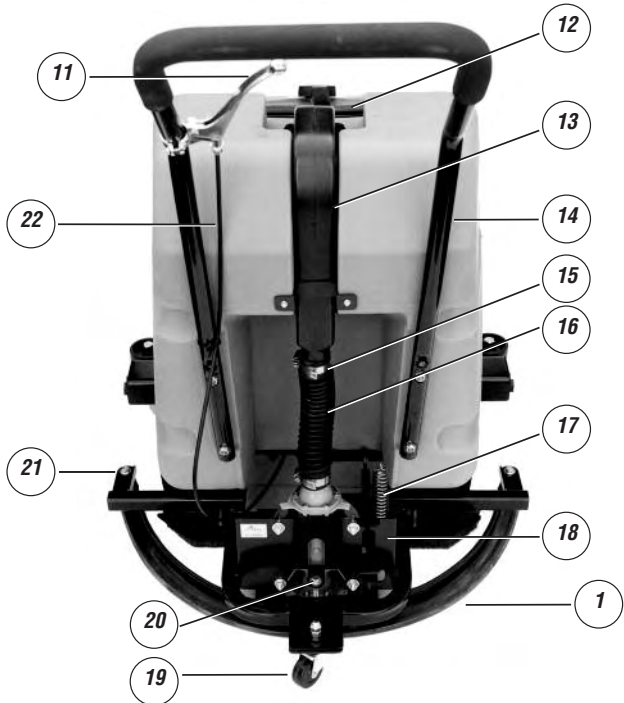
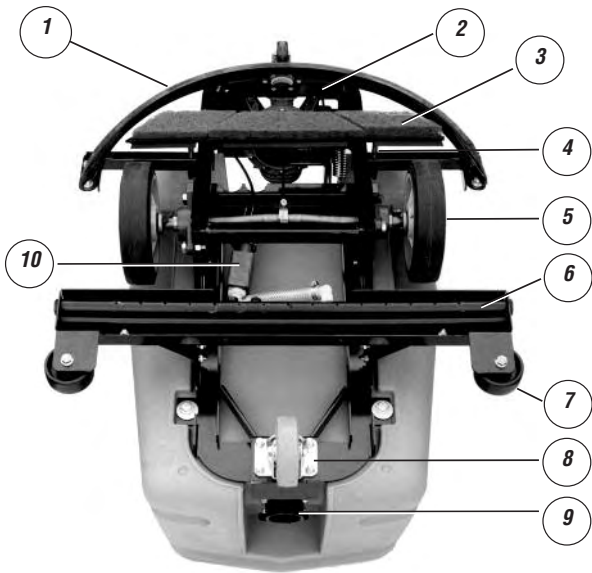
- *Cleaning Manifold* — Remove both end caps and clean out with hose. Replace end caps.

COLD WEATHER EFFECTS AND CARE

If you are transporting the machine in freezing weather, or storing it in a van or unheated area, make sure that all pipes and valves have been thoroughly drained to avoid freezing damage and blockage due to ice clogs or build up.

KWIKLEEN 800 PARTS LIST

| PART # | DESCRIPTION | PART # |
|---------------|--------------------------------|-------------------------------------------------------|
| 1 | GZ 620 SQUEEGEE ASSEMBLY | 015-62-644 |
| 2 | PUMP PLATE (PUMP NOT INCLUDED) | 016-71-9015 |
| 3 | KK800 SCRUB PADS | 016-71-1017B (BLUE PAD) 016-71-1017BLK (BLACK PAD) |
| 4 | PAD ARM SPRING | 173-79-51154 |
| 5 | 8" WHEEL | 156-XA-08251-12 |
| 6 | MANIFOLD ASSEMBLY | 016-8-1046 |
| 7 | POLY GUIDE WHEELS | 156-PB-03041-08 |
| 8 | 4" SWIVEL CASTOR | 156-2-4056-445 |
| 9 | 1 1/2" GATE VALVE | 150-I-7101 |
| 10 | VALVE ASSEMBLY | 016-8-5270 |
| 11 | VALVE CONTROL LEVER | 314-J208PA-L7/8 |
| 12 | 8" LID | 647-60032 |
| 13 | RETURN TUBE | 488-57-916 |
| 14 | HANDLE | 285-74-9051 |
| 15 | 1 3/4" HOSE CLAMP | 233-5020 |
| 16 | 10" BELLOW | 605-69-150010 |
| 17 | CHASSIS SPRING | 173-79-5589 |
| 18 | PUMP ASSEMBLY | 016-71-9500 |
| 19 | 2" SWIVEL CASTOR | 156-EY-459 |
| 20 | CENTER ADJUST. BOLT | 164-10079 |
| 21 | SIDE ADJUST. BOLT | 164-10071 |
| 22 | VALVE CONTROL CABLE | 012-962C |



TROUBLESHOOTING

| Problem | Cause | Cure |
|-------------------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <i>Solution keeps running</i> | <i>Valve not closing properly</i> | <i>See Valve Service (pg.4)</i> |
| <i>Water streaks behind squeegee path while operating</i> | <i>Squeegee adjustment set too high</i> | <i>Adjust squeegee – see Squeegee Adjustment (pg.3)</i> |
| | <i>Squeegee torn or worn</i> | <i>Replace squeegee</i> |
| | <i>Debris between floor and squeegee</i> | <i>Remove debris and clean squeegee</i> |
| <i>Not picking up liquid</i> | <i>Debris in pump inlet or outlet flapper valves</i> | <i>Clean and flush pump assembly – see Pump Service (pg.3)</i> |
| | <i>Pump diaphragm or flappers cut or worn</i> | <i>Rebuild pump – see Pump Service (pg.3)</i> |
| | <i>Pump height adjusted incorrectly</i> | <i>Adjust height of pump – see Pump Plate Adjustment (pg.3)</i> |
| <i>Wheels not turning or slipping on floor while in operation</i> | <i>Wheel driver tabs broken</i> | <i>Replace wheel driver tabs</i> |
| | <i>Pump obstructed</i> | <i>see Pump Service (pg. 3)</i> |
| | <i>Squeegee adjusted too low</i> | <i>see Squeegee Adjustment (pg. 3)</i> |
| <i>Poor or uneven flow of solution onto floor surface</i> | <i>Fluid level in tank is very low</i> | <i>Add fluid</i> |
| | <i>Valve obstructed</i> | <i>Clean valve chamber</i> |
| | <i>Hose obstructed</i> | <i>Clean or replace</i> |
| | <i>Manifold obstructed</i> | <i>Remove end plugs. Blow out passageway</i> |
| <i>Hard to push</i> | <i>Pump diaphragm obstructed</i> | <i>Clean pump</i> |
| | <i>Squeegee misadjusted</i> | <i>Adjust squeegee – loosen pressure screws</i> |
| | <i>Too little solution on floor creating dry effect</i> | <i>Check fluid level – remove any obstructions in valve and adjust setting to full open</i> |
| | <i>Pump plate dragging on floor</i> | <i>Adjust pump plate to correct height</i> |
| | <i>Too much pressure on scrub pad to floor</i> | <i>Adjust knobs evenly on each side</i> |

NOTES

***PROTECT YOUR
WARRANTY!***

***Read carefully, any questions regarding the
care and safety of this unit, please***

CALL (800) 331-1423

LIMITED ONE YEAR WARRANTY

Aztec Products, Inc. warrants its products to be free from defects in material and workmanship for a period of one year from the date of sale.

Aztec Products, Inc. agrees, at its option, to repair or replace at its own expense any product or part(s) which examination proves to be defective in workmanship or materials provided that the purchaser notifies Aztec Products, Inc. directly, within the warranty period, and follows the Return Policy.

This warranty does not apply to or cover equipment damaged by misuse, abuse, neglect, accident, or any use not specified in the instruction manual, or any other circumstances that are out of the control of Aztec Products, Inc. or their authorized agents.

All repairs or changes must be made under the supervision or arrangement of Aztec Products, Inc. or their agents unless prior written consent has been issued. Any deviation from this arrangement shall make the owner of the equipment and/or party involved in those changes responsible for any and all damages resulting from such changes.

The foregoing is the entire and only Aztec Products, Inc. warranty which in no event covers incidental or consequential damages resulting from any such defective product or part(s). This warranty gives specific legal rights. Purchaser may have other rights which vary from state to state.

This warranty is non-transferable.

AZTEC PRODUCTS, INC.

201 Commerce Drive • Montgomeryville, PA 18936 • 800-331-1423 • Fax 215-393-4800

RETURN GOODS POLICY

As our customer, you are aware that the design and construction of this product are 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 the causes of failure. While this may at first seem to be an inconvenience, ultimately you benefit from safer, better designed machine components. Please give us the opportunity to serve you better by following these RGA (Return 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 dealer, please include the company name, the date, and the serial number of the product.
2. Ask for an RGA number when you are ordering the replacement part. Return the failed part within 14 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.

3. 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, but not packaging expense. When incomplete parts are returned for credit, their condition or state of incompleteness will be assessed against the credit claim.
4. We will not accept freight collect returns or returns that do not indicate the RGA # on the packing list.

Your satisfaction is extremely important to us. We intend to be reasonable on any matter that is related to our warranty 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.



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