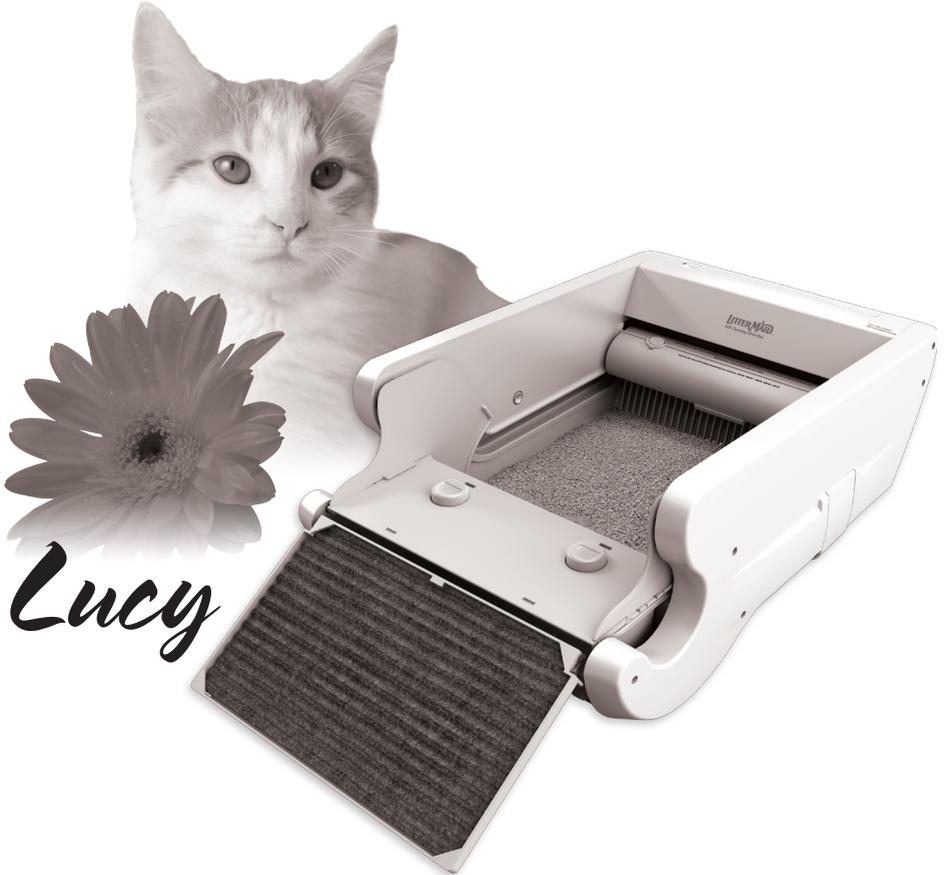


PLEASE READ AND SAVE THIS USE AND CARE BOOK.

LITTERMAID®

ADVANCED AUTOMATIC Self-Cleaning Litter Box

FOR SINGLE-CAT HOUSEHOLDS



USA/Canada

www.littermaid.com

1-800-LITMAID
(548-6243)

**Model
LM680**

Accessories/Parts (USA/Canada) 1-800-738-0245

IMPORTANT SAFEGUARDS

- NOT INTENDED FOR USE WITH KITTENS UNDER SIX MONTHS.**
- Not intended for use by handicapped, incapacitated or older cats that might experience difficulty in entering or leaving the litter box.
- PREGNANT WOMEN and IMMUNE-DEFICIENT PEOPLE** should avoid contact with cat waste at all times.
- CAUTION: THIS IS NOT A TOY.** The LitterMaid® Self-Cleaning litter box is a precision-operated appliance. Should the rake become jammed during cleaning, **THIS UNIT CONTAINS A MECHANISM THAT WILL AUTOMATICALLY STOP, REVERSE AND RESTART THE CLEANING OPERATION.**
- For cat use only. The LitterMaid® Self-Cleaning Litter Box is intended solely for the safe elimination of cat waste. **DO NOT ATTEMPT TO USE THIS PRODUCT FOR ANY OTHER PURPOSE.**
- Never allow small children to play in or around this device.
- Please read all directions in this manual carefully prior to operating this product.

SAVE THESE INSTRUCTIONS.

This product is for household use only.

WELCOME TO THE **LITTERMAID** FAMILY!

Congratulations on your purchase of the LitterMaid® Self-Cleaning Litter Box. This product is designed to make caring for your cat a simpler, less time-consuming process.

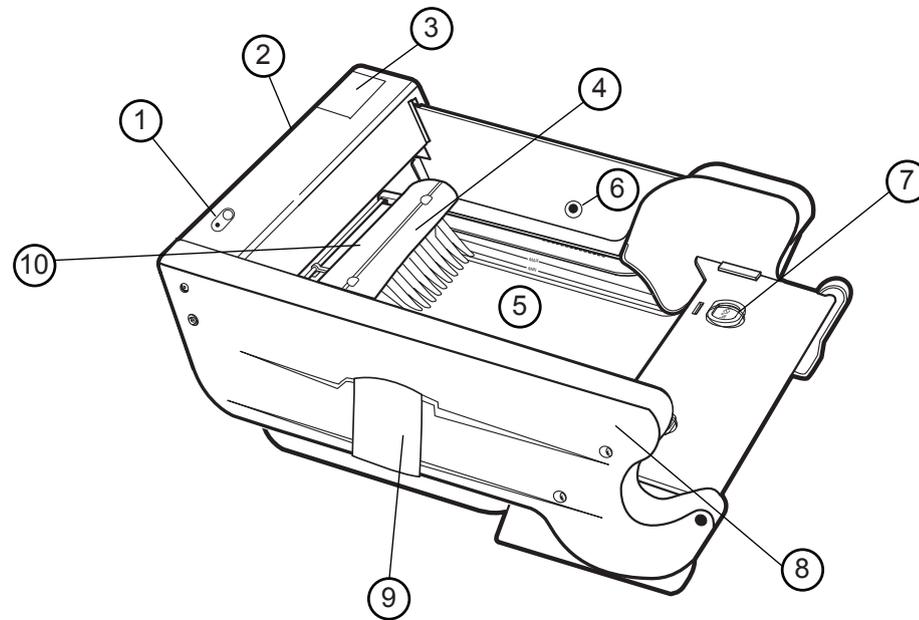
USE ONLY HARD CLUMPING LITTERS.

RECOMMENDED HARD CLUMPING LITTERS

- LitterMaid(R) Premium Clumping Cat Litter
- World's Best Cat Litter™
- ARM & HAMMER® Super Scoop® The Baking Soda Clumping Litter*
- Fresh Step® Scoopable Premium Cat Litter**
- EVER CLEAN® Premium Clumping Litter**

Important: Do not use non-clumping litter, crystal or pearl-like litters.

Product may vary slightly from what is illustrated.



1. ON/OFF button.

Important: Turn On/Off button to On in order to activate the cleaning cycle.

2. AC adapter outlet (behind unit)

† 3. Battery compartment cover (Part# LM680-01) (batteries not included)

† 4. Removable rake (Part# LM680-02)

† 5. Litter tray (Part# LM680-03)

6. Sensors (both sides)

† 7. Waste receptacle compartment cover with flaps (Part# LM680-04)

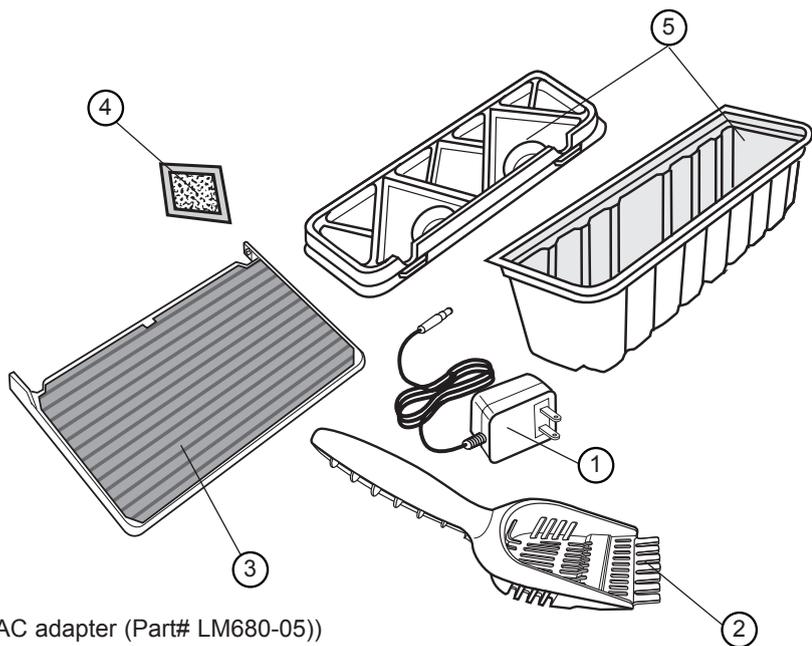
8. Top housing

9. Latch (1 each side)

10. Motor housing

Note: † Indicates consumer replaceable/removable parts

Accessories



- † 1. AC adapter (Part# LM680-05)
- † 2. LitterMaid® scoop and rake cleaner (Part# LM680-06)
- † 3. Paw cleaning ramp (Part# LM680-07)
- † 4. Carbon Filters (8 included) (Part# LMF200)) (12 pk.)
- † 5. Disposable waste receptacle (8 included)
(12 pk.) (Part# LMR200)
(18 pk.) (Part# LMR300)

Note: † Indicates consumer replaceable/removable parts

HOW THE LITTERMAID® SELF-CLEANING LITTER BOX WORKS

- Cat enters the unit; once he/she leaves, the sensors are triggered, setting the timer for the cleaning cycle. (Sensors need to be blocked for at least 5 seconds.)

Important: Unit will not start a cleaning cycle while cat is in the box.

- After 10 minutes, the cleaning cycle starts and the rake scoops out waste clumps.
- If the cat re-enters and leaves the litter box before the initial 10 minutes have elapsed, the rake will stop, the timer will automatically reset and delay the beginning of the cleaning cycle for an additional 10 minutes.

Note: Rake will stop and reverse if the safety bar touches any object that has gotten behind the rake while it is returning to its home position.

- Rake opens waste receptacle compartment cover and deposits clumps into the waste receptacle.
- Sealed disposable waste receptacle allows for safe and easy disposal of waste when full.

Setup Instructions

No Tools Required for Setup

- Unpack the pieces of the unit: LitterMaid® litter box, AC adapter (packed in paper pulp), disposable waste receptacles, LitterMaid® scoop and rake cleaner, use and care book and cleaning brush (packed with disposable waste receptacles), plus any optional items including the carbon filters, paw-cleaning ramp and litter box carpet.
- Cut and remove the restraints on each end of the rake. Peel off the protective tape on the waste receptacle compartment cover and the battery compartment. Remove the styrofoam on top of the rake.

Note: Battery compartment takes 8 "AA" cell batteries. (Batteries not included).

Important: Do not mix old and new batteries. Do not mix alkaline and carbon-zinc (standard) batteries. Do not use rechargeable type (Ni-Cad, Ni-MH or Li-Ion) batteries.

- Place a disposable waste receptacle under the waste receptacle compartment cover. Make sure that the front of the waste receptacle is under the five tabs (Fig.-1). There should be no gap between unit and the waste receptacle. Attach waste receptacle lid by inserting pushtabs into the round holes. To secure, press on positions indicated (Fig. 2).

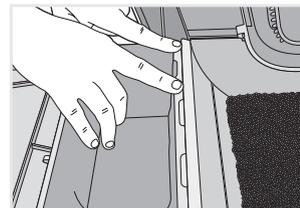


Fig. 1

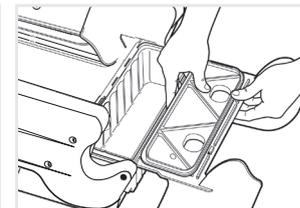


Fig. 2

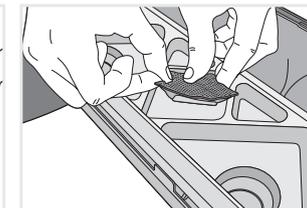


Fig. 3

Installing carbon filter

- Peel off paper strip on the carbon filter to expose the adhesive. Place filter adhesive-side down in diamond-shaped insert in center of waste receptacle lid (Fig. 3). Close waste receptacle compartment cover.
- **Use only hard clumping litter.** Do not use non-clumping litter, crystal or pearl-like litters. Fill LitterMaid® litter box to **just below** the "Max Line". Do not overfill unit or it will not operate properly. Use the fill line on the LitterMaid® scoop and rake cleaner to check that litter is at the correct level in center of unit (Fig. 4).

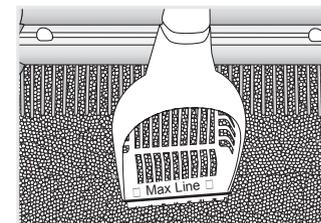


Fig. 4

- Remove the AC adapter from paper pulp packaging and plug it into the unit. Then plug cord into a standard electrical wall outlet. Press the On/Off button to "on" and a green light will appear at top of unit. The rake will automatically run through its first cleaning cycle and smooth out litter.

Optional Items

Litter Box Carpet

- Place assembled unit on carpet.

Paw-Cleaning Ramp

- The paw-cleaning ramp has two holes that snap into the pivot pins on the inside of waste receptacle compartment cover. Position paw-cleaning ramp with carpet-side facing up. Point pivot pins toward the disposable waste receptacle end of unit. Lift paw-cleaning ramp and insert one of the pivot pins into one of the holes. Slightly stretch the other pivot pin to reach other hole, then insert (Fig. 5). Tug slightly on ramp to ensure that it is firmly in place.

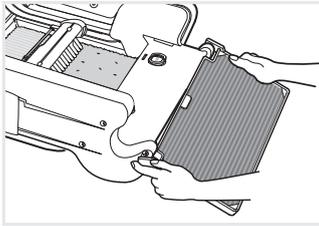


Fig. 5

LED Lights on Control Panel

- LED light blinks slowly when the cleaning mode is activated.
- LED light blinks fast when the battery level is low or when there is a blockage.
- Red LED light blinks slowly (approximately every second) when the rake has encountered an obstacle that it can not remove.

Helpful Information

If you need to acclimate your cat to the LitterMaid® litter box, refer to "Acclimating Your Cat" in this use and care book.

If your unit is not working properly, refer to "Troubleshooting" in this use and care book.

Batteries (Recommended for use only as back-up):

- Remove pull-on tabs on the edge of battery compartment to open it.
- Remove battery door.
- Follow diagram in the compartment to install 8 "AA" cell batteries. (Batteries not included.)

Important: Do not mix old and new batteries. Do not mix alkaline and carbon-zinc (standard) batteries. Do not use rechargeable type (Ni-Cad, Ni-MH or Li-Ion) batteries.

Just as your alarm clock continues to run on batteries if there is a power failure, the LitterMaid® litter box will continue to operate as long as batteries are installed.

Sensors

Sensors (located on interior side panels) must be clean at all times. Wipe sensors with a soft, dry cloth to keep them dust free.

The LitterMaid® Scoop and Rake Cleaner

This handy 3-way tool helps you measure the level of litter (Fig. 6a), assists in cleaning the rake (Fig. 6b), and aids in the removal of small waste particles (Fig. 6c).

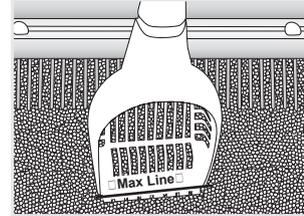


Fig. 6a

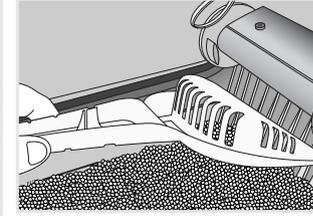


Fig. 6b

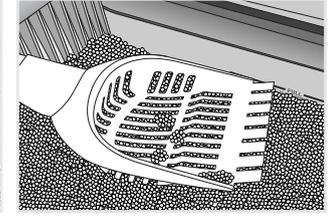


Fig. 6c

ACCLIMATING YOUR CAT

If your cat needs to acclimate to the new LitterMaid® Self-Cleaning Litter Box, follow these instructions.

- Place the LitterMaid® unit next to your previous litter box.
- Set it to run automatically by turning the On/Off button to "on".
- Do not clean out previous litter box. (Cats prefer to use a clean box, and the LitterMaid® litter box will always be clean.)
- If cat seems timid, do not operate the LitterMaid™ litter box automatically for 2 to 3 days. (Turn the On/Off button to "off.")
- Manually activate LitterMaid® litter box 2 to 3 times a day for the first 2 to 3 days to allow cat to get used to going into the LitterMaid® litter box before setting it to clean automatically.
- As soon as your cat is acclimated to LitterMaid® litter box, set it to clean automatically. Turn On/Off button to "on" and remove previous litter box.

Note: Do not place your LitterMaid® litter box in moist environment or in direct sunlight.

Troubleshooting

A. Rake continues to go through cleaning cycles.

Probable Causes:

- Too much litter in litter box is causing excess litter to collect **behind** rake, preventing it from returning to home position. If the rake cannot move an obstacle during the cleaning cycle, unit will go through a cleaning cycle up to five times in an attempt to clear the obstacle. If unsuccessful, rake will return to its home position, and red light will blink slowly (approximately every second), indicating that rake has encountered an obstacle it cannot move.
 1. Turn On/Off button to "off."
 2. Check to make sure litter in tray is just below "Max Line". Use the LitterMaid® scoop and rake cleaner to measure the level of litter in the center of the unit. Max Line will not be visible if tray is overfilled.
 3. Remove excess litter and smooth out litter from front to back using the LitterMaid® tool.
 4. Turn On/Off button to "on."
 5. Rake will run through a complete cleaning cycle. When cycle is finished, unit is ready for use.
- There is an obstacle in **front** of the rake (most often a clump of litter stuck to bottom of the litter tray or too much litter in tray.) If rake cannot move an obstacle during cleaning cycle, unit will go through a cleaning cycle up to five times in an attempt to clear obstacle. If unsuccessful, rake will return to its home position, and red light will blink slowly (approximately every second), indicating that the rake has encountered an obstacle it cannot move.
 1. Turn On/Off button to "off."
 2. Clear obstacle (refer to E).
 3. Check to make sure litter in tray is just below the "Max Line." Use the LitterMaid® scoop and rake cleaner to measure level of litter in the center of unit. Full line will not be visible if tray is overfilled.
 4. Remove excess litter and smooth out litter from front to back using the LitterMaid® scoop and rake cleaner.
 5. Turn On/Off button to "on."
 6. Rake will run through a complete cleaning cycle. When cycle is finished, unit is ready for use.

B. Unit does not operate 10 minutes after cat leaves.

Probable Cause:

- Dusty sensors. (Sensors need to be covered for 5 seconds to activate.)
 1. Wipe each sensor with a soft, dry cloth to remove dust.
 2. Turn On/Off button to "off."
 3. Turn On/Off button to "on."
 4. Unit will run through a cleaning cycle.

C. Unit does not completely clean litter box.

Probable Cause:

- Low-quality clumping litter.
 1. Do not use non-clumping, crystal or pearl-like litter.
 2. Use only hard clumping litter.

D. Unit does not operate when On/Off button is buttoned on.

Probable Causes:

- Faulty or non-activated outlet.
 1. Check outlet
- Power outage.
 1. Button to battery power
- Incorrectly installed or dead batteries. (Batteries should only be used as backup.)
 1. Turn On/Off button to "off".
 2. Open battery compartment; check to see that batteries are correctly installed.
 3. Turn On/Off button to "on". Unit should perform a whole cleaning cycle.
 4. If unit does not operate, replace batteries with fresh ones and try again.
 5. If unit does not operate with fresh batteries, try it with AC adapter.
 6. Red light should come on. If it does not, there is a problem with the AC adapter or batteries.
- AC adapter does not work
Turn On/Off button to "off" and check the following:
 1. AC adapter plug is inserted fully into the input jack.
 2. Power outlet is operating. (You may wish to double-check by plugging unit into another outlet).
 3. Wait a few seconds and turn unit on again. Red light should come on and unit should perform a complete cleaning cycle.
 4. If unit still does not operate, turn On/Off button to "off" and unplug AC adapter.
 5. Operate unit on battery power only.

E. Waste clumps adhere to surface of the litter tray.

Probable Cause:

- Soiled litter tray surface. (We recommend wearing rubber or latex gloves when handling waste.)
 1. Remove clumps from surface with a damp cloth.
 2. Remove litter tray (refer to "Care and Cleaning" in this use and care book), clean with mild detergent, rinse and dry.
 3. Spray litter tray surface with nonstick cooking spray or silicone spray, and wipe with a soft, dry cloth. This will help to prevent waste clumps from adhering to the surface of tray.

F. Light fails to come on when On/Off button is turned "on."

Probable Cause:

- Power outage or batteries are incorrectly installed.
 1. Turn On/Off button to “off” then back to “on.”
 2. Make sure there is power to the unit and/or batteries are correctly installed.

G. Light blinks slowly and continuously.

Probable Cause:

- Rake has encountered an obstacle it cannot remove. If rake cannot move an obstacle during the cleaning cycle, the unit will go through a cleaning cycle up to five times in an attempt to clear obstacle. If unsuccessful, rake will return to its home position, and red light will blink slowly (approximately every second), indicating that the rake has encountered an obstacle it cannot move.
 1. Turn On/Off button to “off.”
 2. Use the LitterMaid® scoop and rake cleaner to remove obstacle.
 3. Make sure teeth on rake are clean and free of litter. Use the LitterMaid® tool to clean teeth on rake.
 4. Turn On/Off button to “on.”

H. Light blinks slowly.

Probable Cause:

- Batteries need replacing.
 1. Light will continue to blink until batteries are removed or until they are completely used up.

I. Light is off.

Probable Cause:

- No A/C power is reaching unit or batteries are used up. (See "D" in this Troubleshooting section.)

If you can't solve the problem using this Troubleshooting section, more help is available by calling Customer Service at 1-800-LIT-MAID (548-6243).

Care and Cleaning

Sensor Covers

The two sensors located on side panel interiors are protected by sensor covers that need to be kept dust free. After changing or adding litter, always wipe each sensor with a soft, dry cloth to remove dust (Fig. 7).

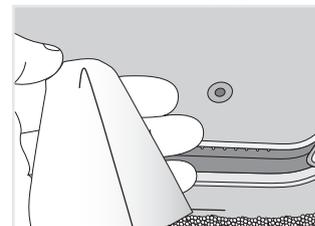


Fig. 7

Litter Tray

Use only hard clumping litter. Lesser quality litters will impair performance.

To empty and clean litter tray:

- Check to make sure rake is in home position.
- Turn On/Off button to "off" position.
- Unplug unit and remove batteries to prevent accidental activation of unit.
- Lift latches on both sides of unit and lift (Fig. 8a). This will separate tray from main housing (Fig. 8b).

Important: Do not lift the main housing by the latches.

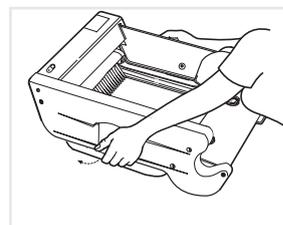


Fig. 8a

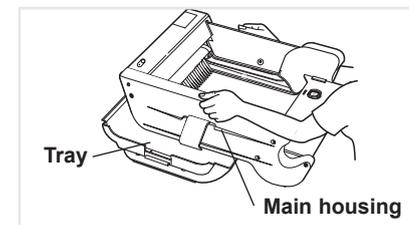


Fig. 8b

- Dispose of the used litter. To ensure proper disposal of litter, follow manufacturer's instructions on litter package. Wipe the litter tray with a damp cloth. If further cleaning is necessary, the litter tray can be fully immersed in water and washed with a mild detergent.

Important: Do not soak or immerse main housing in water. Dry unit completely before reassembling.

- Before reassembling, spray litter tray surface with nonstick cooking spray or silicone spray, and wipe with a soft, dry cloth. This will help to prevent waste clumps from adhering to surface of the tray.

To reassemble:

- Place litter tray on a flat surface. Carefully lower main housing onto litter tray. Engage the two locks by pressing lower part of each latch firmly against tabs on litter tray until a click is heard to indicate that both sections are locked into place.

- Use only premium clumping litter refill litter tray to just below the "Max Line".
- Plug in AC power adapter and replace batteries.
- Turn the On/Off button to "on" to reactivate automatic operation.

Paw-Cleaning Ramp

- Remove mat by gently pulling on fabric strip provided (Fig. 9).
- Mat is held in place by 5 tabs and will remove easily.
- Just remove and clean carpet by using a vacuum cleaner.
- To return it to its original position, reinsert carpet under tabs. It is not necessary to remove plastic ramp to clean mat.

Note: Should small stains occur, moisten a sponge with a mild detergent and cold water; wipe to clean. Do not use soaps or chemical cleaners as they may be harmful to your cat.

Caution: Do not place carpet in washer or dryer. Do not vacuum carpet when it is wet.

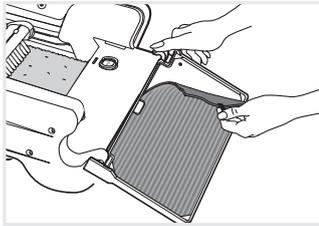


Fig. 9

Removing Disposable Waste Receptacle

We recommend avoiding contact with waste material. Wear rubber or latex gloves when handling used disposable waste receptacle.

- Depress pushtabs in waste receptacle compartment cover (Fig. 10). (Detach disposable waste receptacle lid from waste receptacle compartment cover.)
- Lift compartment cover, exposing closed disposable waste receptacle assembly.
- Press in on four corners of lid to secure lid to the waste receptacle, pull the disposable waste receptacle edge free from the tabs holding it in place, lift out and dispose (Fig. 11).

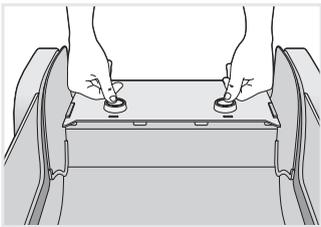


Fig. 10

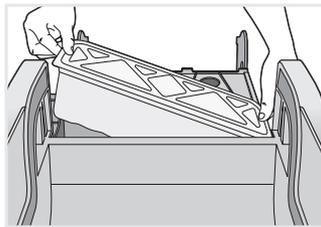


Fig. 11

Disposable waste receptacles are available in packages of 12 or 18 and may be purchased through your local retailer, by visiting our website at www.littermaid.com, or by calling 1-800-738-0245. We will be happy to assist you in any way we can.

Rake Removal, Cleaning & Reinstallation

Removing the rake:

Important: We recommend wearing rubber or latex gloves when handling the soiled rake.

- Press the On/Off button and hold it for 3 seconds, the LED will start blinking fast.
- Rake will move forward and stop at the dumping position.
- With two thumbs, press the two buttons on the motor housing to release rake (Fig. 12).
- Pull rake out (Fig. 13).

Important: Do not operate without the rake.

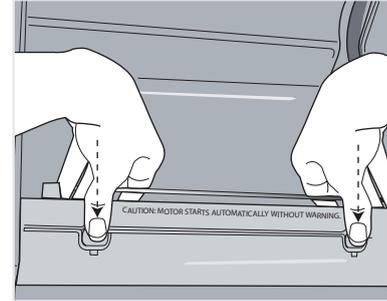


Fig. 12

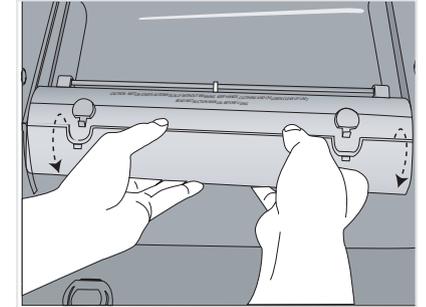


Fig. 13

Cleaning rake:

- Use the LitterMaid® scoop and rake cleaner to quickly clean rake.
- Wash rake with a soft cloth using warm water and mild detergent.

Note: Do not use scouring pads or harsh and abrasive chemicals.

- Dry the rake.

Reinstalling rake:

- Hold rake with both hands and align the two indentations on the rake with the two buttons on the motor housing (Fig. 14).

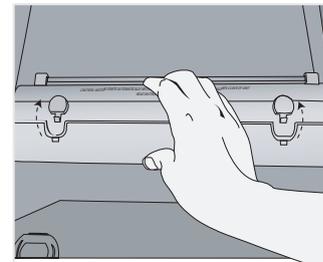


Fig. 14

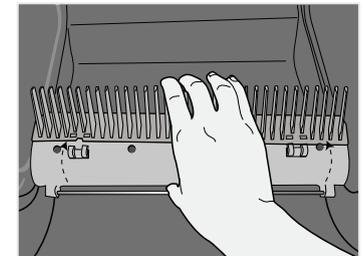


Fig. 15

- Push rake into the motor housing until it snaps into place both on top and on the bottom of the rake (Fig. 14 and 15).
- Press On/Off button and hold it for 3 seconds, the LED stops blinking and motor housing returns to home position.

Note: The motor housing will automatically return to the home position, 5 minutes after activating the cleaning cycle.

- Unit is now ready for normal operation.

NEED HELP?

For service, repair or any questions regarding your appliance, call the appropriate "800" number on the cover of this book. **Do not** return the product to the place of purchase. **Do not** mail the product back to the manufacturer nor bring it to a service center. You may also want to consult the website listed on the cover of this manual.

One-Year Limited Warranty (Applies only in the United States and Canada)

What does it cover?

- Any defect in material or workmanship; provided; however, Applica's liability will not exceed the purchase price of the product

For how long?

- One year after the date of original purchase

What will we do to help you?

- Provide you with a reasonably similar replacement product that is either new or factory refurbished

How do you get service?

- Save your receipt as proof of the date of sale.
- Check our on-line service site at www.prodprotect.com/applica, or call our toll-free number, 1-800-548-6243, for general warranty service
- If you need parts or accessories, please call 1-800-738-0245.

What does your warranty not cover?

- Damage from commercial use
- Damage from misuse, abuse or neglect
- Products that have been modified in any way
- Products used or serviced outside the country of purchase
- Glass parts and other accessory items that are packed with the unit
- Shipping and handling costs associated with the replacement of the unit
- Consequential or incidental damages (Please note, however, that some states do not allow the exclusion or limitation of consequential or incidental damages, so this limitation may not apply to you.)

How does state law relate to this warranty?

- This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or province to province.



R32008/2-28-69E

Copyright © 2008 Applica Consumer Products, Inc.
Made in People's Republic of China
Printed in People's Republic of China