

# **ROBO-KLEEN™**

**ROBOTIC POOL CLEANER**



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**WARNING:** To reduce the risk of fire, electrical shock, injury, or damage to your product or to bathers:



Do not use if unit is damaged in any way.



Use this product only for its intended use as described in this manual.



Unit must be submerged in water to operate properly.



When not in use, store indoors in a clean, dry place. Do not leave underwater, in direct sunlight, or exposed to extreme temperatures.



Make sure Robo-Kleen is unplugged from its power supply before cleaning, replacing the filter or any other routine maintenance.



To protect risk of electrical shock, do not put the transformer in water or other liquid.



To avoid damage to the transformer and cord, never carry the transformer by the cord or yank to disconnect from an outlet. Instead, disconnect by pulling the plug itself from the outlet. Do not pull cord around sharp corners or edges.



Do not operate with a damaged cord or transformer. Do not use with extension cord.



Disconnect transformer from outlet when not in use.



If cleaner is not working as it should or has been dropped or damaged in any way, contact SmartPool customer service before using.

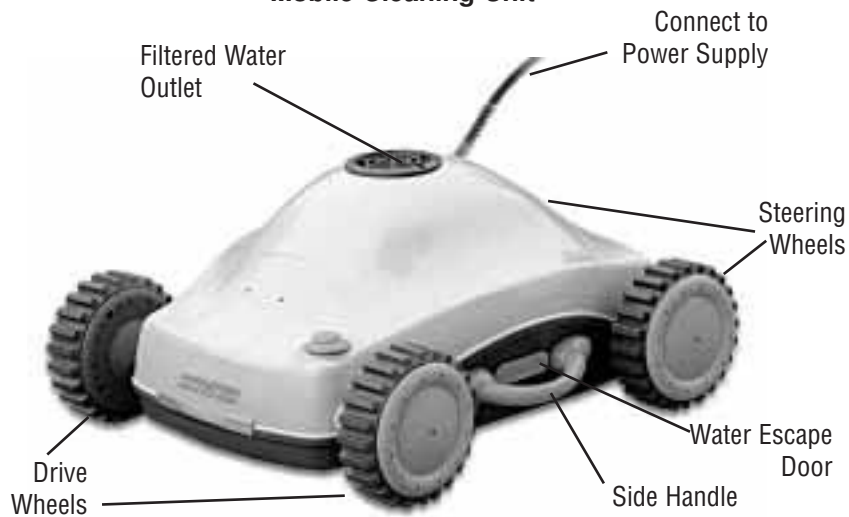
*Congratulations on your purchase! You will find **Robo-Kleen** to be the most effective pool cleaner available. Unlike water-powered cleaners, which put all dirt and debris through your existing pool pump and filter, **Robo-Kleen** has its own pump and filter system. This saves you money in electricity costs and extends the life of your existing pool equipment.*

*Read carefully before using your Robo-Kleen pool cleaner.*

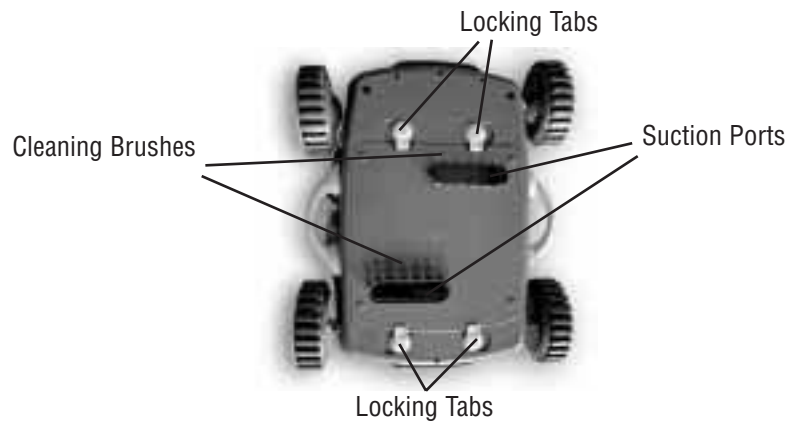
### Power Supply



### Mobile Cleaning Unit



## Underside of Mobile Cleaning Unit



## Installation

The power supply should be positioned so that Robo-Kleen can reach all the walls of the swimming pool and must be at a minimum distance of 10 feet from the edge of the pool.

**CAUTION: INSURE THE THE 110V MAIN LINE OUTLET IS PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) OR EARTH LEAKAGE CIRCUIT INTERRUPTER (ELCI). OTHERWISE, DEATH OR INJURY CAN RESULT.**



DO NOT ALLOW POWER SUPPLY TO BECOME SUBMERGED IN POOL. DEATH OR INJURY CAN RESULT. DO NOT PLACE ON EDGE OF POOL. POWER SUPPLY MUST NOT FALL INTO POOL!

To connect Robo-Kleen to the power supply, remove the cap on the transformer output socket. Plug the Robo-Kleen cord into the socket. Notice the plug and socket are indexed using pins.



Tighten the threaded plug cover so that the cord is securely attached.



## Operation



**DO NOT ENTER THE SWIMMING POOL WHILE ROBO-KLEEN IS IN OPERATION TO AVOID ENTANGLEMENT WITH CORD**

- a. Connect the cable to the power supply
- b. Grasp the cleaner by a side handle and place Robo-Kleen in the pool.
- c. Rock the unit from front to back and side to side, releasing trapped air, until the unit slowly sinks to the bottom of the pool.
- d. Start the unit at a 90° angle to a wall . **CAUTION: BE SURE MAIN LINE OUTLET IS PROTECTED BY A GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DEATH OR SERIOUS INJURY COULD OCCUR.**
- e. Press the top of the On/Off switch through the clear jacket on the power supply. Robo-Kleen will take an initial 10 seconds to scan the circuit board and reset the memory. After the initialization is complete, filtered water will be pumped to the top and the unit will start moving.

**CAUTION:** Do not operate Robo-Kleen out of the water. This may result in damage to the pump motor seals and invalidate the warranty. Optimum water temperature for the operation of Robo-Kleen is 65° F to 85° F (18° C to 29° C). Do not operate Robo-Kleen when water temperature exceeds 90° F (32° C).

## Cleaning Pattern



Robo-Kleen features an exclusive Controlled Tandem design, which allows the steering wheels to move together without locking into one position. This feature, combined with interval timing in the software, which randomly changes the direction of Robo-Kleen, further enhances movement around the pool.

This eliminates the “back and forth” pattern that can occur when wheels are locked into position with fixed timing runs. Robo-Kleen’s ability to change direction easily and often results in coverage of the entire pool quickly.

Another benefit of the Controlled Tandem design is that the cleaner does not continually move in one direction around the pool. This minimizes coiling of the cord.



For round pools, factory preset angle is best.

For oval pools, remove limit screw for greater angle of tandem wheels.



## Automatic Shutdown and Removal

Robo-Kleen will automatically shut down after a work cycle of approximately 3 hours. Switch off the power supply for at least 30 seconds before restarting.

**ALWAYS SWITCH OFF THE POWER SUPPLY BEFORE REMOVING ROBO-KLEEN FROM THE POOL.**

Remove Robo-Kleen from the water by **GENTLY AND SLOWLY** pulling in the cable. **WHEN ROBO-KLEEN REACHES THE SURFACE, LIFT IT OUT BY THE HANDLE - NOT BY THE CABLE.** To minimize debris falling back into the pool during removal, when the cleaner reaches the surface, **QUICKLY GRASP A HANDLE AND TURN UNIT OVER TO REST UPSIDE-DOWN ON TOP LEDGE.** **ALLOW WATER TO DRAIN OUT THE TOP.**

Carefully reel in and coil the cable. Store Robo-Kleen in a dry shaded place at a temperature between 40° F and 90° F (5° C and 32° C).



## Maintenance

 **ALWAYS SWITCH OFF POWER SUPPLY BEFORE PERFORMING MAINTENANCE.**

There are only a few simple steps to maintaining your Robo-Kleen.

### 1) Uncoiling cable

If cable becomes twisted, unplug from power supply and untwist manually. Untwisting manually is most effective after allowing cable to lay in the sun so it becomes pliable.

### 2) Clean Filter Bag

a. Place Robo-Kleen upside down. Push the locking tabs to the side to unlock the bottom lid. Remove the bottom lid with filter bag attached.



b. Pull one of the 4 red tabs out and remove the filter bag from the bottom lid. Turn the filter bag inside out. Use a garden hose to wash it thoroughly. The bag should be laundered periodically, using a regular wash cycle.



c. Rinse the bottom lid parts and bottom brushes.

d. Refit the filter bag with the fluffy surface inward. Start from one corner - align one of the red tabs with the corner. Gently insert the stitched edge of the filter bag into the double walls (groove) of the bottom lid, and work your way around.



e. Replace the bottom lid assembly in the body of the unit and lock in place.



### 3) Impeller

Occasionally hair or linen may get caught in the impeller. If that happens, take the top grill off by removing the 2 screws from the top. **MAKE SURE THE TRANSFORMER IS UNPLUGGED.** Remove the debris. Replace the top grill and tighten the 2 screws.

### 4) Front Drive Wheels and Rear Idler Wheels

Remove debris or tree leaves caught in the axle bearing. **CAUTION:** Do not turn the drive wheels by force. This may cause damage to the drive gear train.

### 5) Winterization

Always remove cleaner from pool for winterization. Do not store Robo-Kleen where the temperature drops below 40° F. Freezing temperatures can affect seals and lubricants used in the mechanism.

## TWELVE MONTH LIMITED WARRANTY

### Electronics Products

Twelve month limited warranty in Continental USA only from date of original purchase for manufacturing defects under normal and reasonable use, and subject to the maintenance requirements and installation guidelines set forth in the product instruction manual.

**THIS WARRANTY IS SUBJECT TO THE TERMS, LIMITATIONS AND EXCLUSIONS DESCRIBED BELOW, AND THERE ARE NO OTHER WARRANTIES OR REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER, MADE BY THE MANUFACTURER, OTHER THAN THOSE SPECIFICALLY SET FORTH IN THIS WRITTEN WARRANTY**

**What is Covered:** SmartPool, Inc. warrants its electronic product to be free from defects in material and workmanship when leaving the factory.

**What is not Covered:** Any type of damage to the product due to improper installation, maintenance, or failure to provide necessary and reasonable maintenance; any damage or injury caused by misuse and/or unreasonable use of the product; batteries (if applicable); damage due to or related to improper draining, winterizing, storage or Acts of God; SmartPool, Inc. will not honor any claims for damage to any products in transit unless damage to the shipping container is noted at the time of delivery on the transfer company's delivery bill.

**THE WARRANTY OBLIGATIONS OF SMARTPOOL, INC. ARE LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT OR OF ANY DEFECTIVE COMPONENT, AT THE OPTION OF SMARTPOOL. SUCH REPAIR OR REPLACEMENT MAY INCLUDE THE USE OF REFURBISHED COMPONENTS AND/OR UNITS AT THE OPTION OF SMARTPOOL. UNDER NO CIRCUMSTANCES WILL SMARTPOOL, INC. BE LIABLE OR RESPONSIBLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, AND/OR CHARGES FOR LABOR. SMARTPOOL SHALL NOT BE LIABLE OR RESPONSIBLE UNDER ANY CIRCUMSTANCES OR ANY AMOUNT FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, OR FOR ANY INJURIES OR DAMAGES TO PERSON OR PROPERTY USING OR USED IN CONNECTION WITH THE PRODUCT, OR FOR ANY OTHER LOSS OF PROFITS OR OTHER COSTS OR EXPENSES OF ANY KIND OR CHARACTER. IF SMARTPOOL, INC. DETERMINES THAT EITHER REPAIR OR REPLACEMENT OF THE PRODUCT IS NECESSARY, SMARTPOOL MAY EITHER REPAIR THE PRODUCT AT A NOMINAL CHARGE TO THE OWNER OR REPLACE THE PRODUCT. THE OWNER BEARS THE SOLE RESPONSIBILITY FOR PRE-PAID RETURN OF THE PRODUCT TO SMARTPOOL, AND ALL REPAIRED OR REPLACED PRODUCTS WILL BE RETURNED AT THE OWNER'S EXPENSE.**

**NO PERSON, FIRM, OR CORPORATION IS AUTHORIZED TO MAKE REPRESENTATIONS OR INCUR ANY OBLIGATIONS IN THE NAME OF OR ON BEHALF OF SMARTPOOL, INC., EXCEPT AS STATED HEREIN. THE REMEDIES SET FORTH IN THIS WARRANTY ARE EXPRESSLY UNDERSTOOD TO BE THE EXCLUSIVE REMEDIES AVAILABLE TO THE OWNER, AND THIS WARRANTY CONTAINS THE FULL AND COMPLETE AGREEMENT BETWEEN SMARTPOOL, INC. AND THE OWNER. THIS WARRANTY SETS FORTH THE ONLY OBLIGATIONS OF SMARTPOOL, INC., WITH REGARD TO THIS PRODUCT, AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.**

The representations set forth herein are the only representations made by SmartPool, Inc., with respect to the product, and this warranty does not constitute either a performance or satisfaction guarantee. It is the responsibility of the product owner to regularly test and check the product for proper function and safety.

This warranty gives the original owner specific legal rights. You may have other rights depending on where you live.

**What you must do to file a claim:** Call 1-732-730-9880 to initiate a claim.

#### **CAUTION:**

Some vinyl liners are more susceptible to surface wear or pattern removal than others, caused by objects, such as brushes, floats, toys, chlorine dispensers, and automatic pool cleaners, coming into contact with the vinyl surface. Such patterns can be severely scratched or abraded merely by rubbing the surface with a brush. Pattern ink can also rub off when it comes into contact with objects in the pool. Maytronics is not responsible for, nor does this limited warranty cover, pattern removal, abrasion, markings on or damage of any kind to vinyl liners.