



Operating Instructions

Serial No. :

Purchase date :

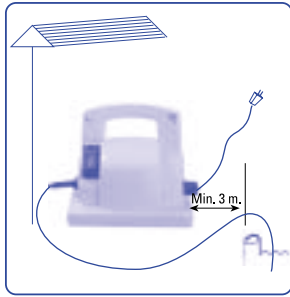


Fig A

Read carefully before using your DOLPHIN ORBIT robot pool cleaner

1) S a f e t y

1.1) Power Supply Positioning:

The power supply [1 page-4] should be positioned so that the DOLPHIN can reach all the corners of the swimming pool and must be at minimum distance of 3 meters from the edge of the pool.

Caution: When working, the power supply should be placed in the shade.

1.2) Electricity Requirements:

Factory-wired for 250V mains supply. The voltage rating should be checked before connection.

Ensure that the mains/line outlet is protected by a ground fault interrupter (GFI) or earth leakage interrupter (ELI).

The DOLPHIN pool cleaner and power supply have been designed for safe, maintenance-free outdoor use.

Use only the original DOLPHIN power supply.

Warning! DO NOT ENTER THE SWIMMING POOL WHILE THE DOLPHIN IS IN OPERATION.

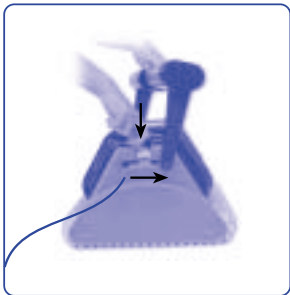


Fig B

2) D O L P H I N S e t - U p

2.1) Handle

The DOLPHIN features an adjustable handle [2 page-4] that is fitted into slots on each side of the DOLPHIN body. After the unpacking of the DOLPHIN from its carton box, the handle must be locked in a diagonal position across the top of the DOLPHIN body in order to ensure optimum cleaning results.

Press downwards on each latch [3 page-4] to move independently each handle arm [Fig B]. The two latches feature two round slots [4 Page-4] [Fig C] which enable the setting of the handle arm at different handle positions with varying angles. The normal angle positions of the handle [Fig C-1] will provide the fastest possible waterline sideways movement.

The positions in Fig C-2 will provide the slowest waterline sideways movement.

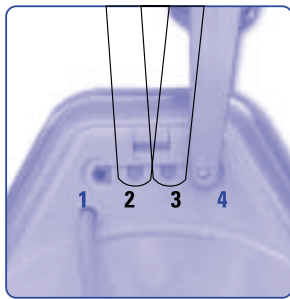


Fig C

2.2) DOLPHIN Installation

Uncoil cable [5 page-4] and connect to the DOLPHIN power supply. Release minimal required floating cable length to ensure proper pool coverage.

Place cable and the DOLPHIN in pool; gently rock the DOLPHIN from side to side to release trapped air until the DOLPHIN sinks slowly to the pool bottom [Fig D].

Plug the power supply mains plug into a socket protected by a ground fault circuit interrupter.

Warning! Do not operate the DOLPHIN out of the water. This may result in extensive damage to the pump motor seals, thus invalidating the warranty.

Switch the power supply on and let the DOLPHIN work its wonders!

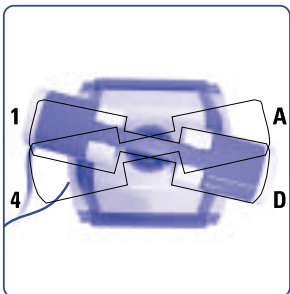


Fig C 1

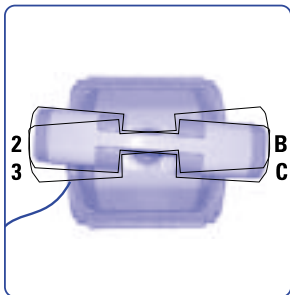


Fig C 2

3) A u t o m a t i c S h u t D o w n

The DOLPHIN will automatically shut down after the cleaning cycle ends. Should another cycle be required, switch off the power supply for at least 30 seconds before restarting.

The DOLPHIN has an advanced computerized self-protecting diagnostic mechanism. It will automatically shut off if it encounters a problem. The performance history of the DOLPHIN is stored in its memory. It can be accessed by an approved DOLPHIN Service Center only.

Caution: Surges and interruptions to electric power may cause the DOLPHIN to restart.

SWITCH OFF THE POWER SUPPLY BEFORE REMOVING THE DOLPHIN FROM THE POOL.

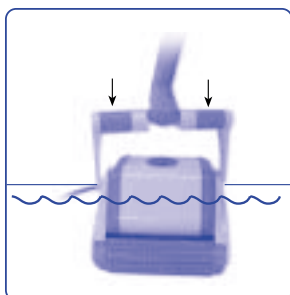


Fig D

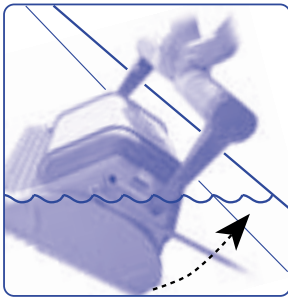


Fig E

3.1) Removal of DOLPHIN from Pool

After the cycle time is completed SWITCH OFF the power supply.

- Pull the DOLPHIN to the surface by gently pulling the cable.
- When DOLPHIN handle can be easily reached, grab the handle and turn the DOLPHIN so that one of the brushes leans against the pool wall **[Fig E]**.

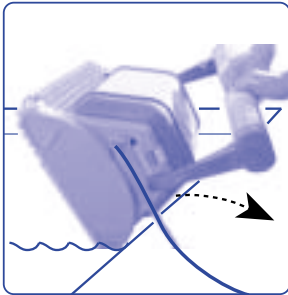


Fig F

- Lift the DOLPHIN out of the water by the handle only – NEVER BY THE CABLE.
- By pulling on the handle, lever the DOLPHIN over the pool edge, till it is lying on its side **[Fig F]** and all the water has flowed out.

- Place the DOLPHIN upside down, release the 2 locking clips **[6 page-4]** **[Fig G]** and remove the bottom lid assembly **[7 page-4]** **[Fig H]**.

- Remove the 2 filter bag clips **[8 page-4]** and the filter bag **[9 page-4]**.

- Turn the filter bag inside out and wash thoroughly with a garden hose **[Fig I]**.

The bag may be laundered using a regular synthetic cycle. This should be done at least once every 2 months.

- Clean bottom lid inlet flaps, the springs and the locking clips.

- Refit the filter bag with the tag on the outside positioned centrally along the length side of the bottom lid **[Fig J]**.

- Stretch the elastic trim of the bag over the 2 metal frames and over the lip of the bottom lid.

- Gather all the excess filter fabric into the center of the metal frames.

- Gather the fabric along the top of the frames so that the corners of the bag are adjacent to the corners of the frames.

- Install a filter bag clip over the top of the frames **[Fig J]**.

- Install the bottom lid assembly in the body and lock it in place.

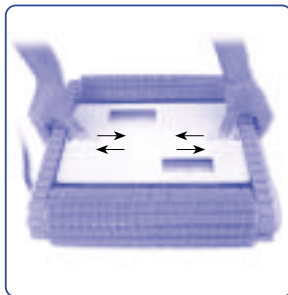


Fig G

4) Periodical Removal of Debris from the Moving Parts (Tracks, Wheels, Impeller)

Warning! DISCONNECT MAINS BEFORE REMOVING IMPELLER TUBE [10 page-4]

The impeller can be cleaned by twisting and removing the impeller tube **[Fig K]**.

Remove debris or hair that has clogged the impeller **[11 page-4]**.

The impeller can be unscrewed by means of a Philips screwdriver.

Remove the debris that has accumulated between tracks **[12 page-4]** and wheels **[13 page-4]**.

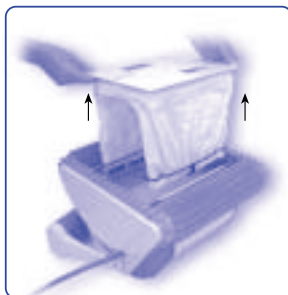


Fig H

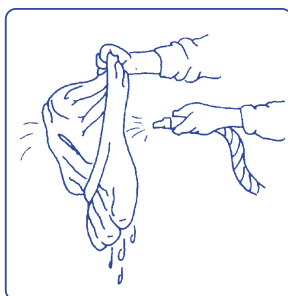


Fig I

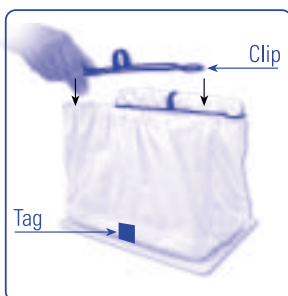
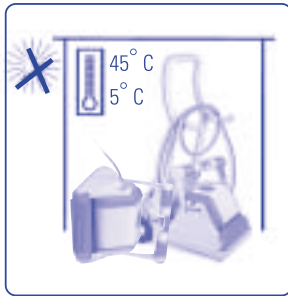


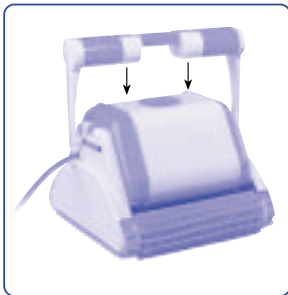
Fig J



**Fig
K**



**Fig
L**



**Fig
M**

5) Helpful Tips

- Clean filter bag whenever you remove the DOLPHIN from the pool. A dirty bag can become dry and unusable.
- Ensure correct pH level of pool water [optimally 7.0 – 7.4].
- Ensure correct chlorine level of pool water [optimally 2 to 3 ppm]
- Ensure an ideal water temperature [12° C – 32° C].
- Ensure that the brushes [14 page-4] are in good condition.
- Always switch the power supply "off", wait 30 seconds and switch "on" again to start a new cleaning cycle.
- Store the DOLPHIN on its side – not on its brushes – in the shade and at a temperature of between 5° C – 45° C. [Fig L].
- Wonder brushes or combined brushes should be thoroughly washed and squeezed.
- To prolong Wonder brushes or combined brushes longevity, it is recommended that they be kept wet at all times even when stored for a long period of time.
- When first used, the DOLPHIN may climb too high and suck in air when it reaches the waterline. If so, remove the handle floats [15 page-4] by pushing them downward [Fig M].
- Ask your dealer about optional coarse and/or disposable filter bags.
- Read the attached troubleshooting booklet.

6) General specifications

Calculated Ground Speed	900 m/hr
Calculated Scanning Rate	350 m ² /hr
Suction Rate [self controlled]	18,000 l/hr
Weight [w/o cable]	10.7 kg

Power Supply

Input Voltage	250 VAC
Output Voltage	30 VDC - nominal
Rated output	230 VAC - 150 W

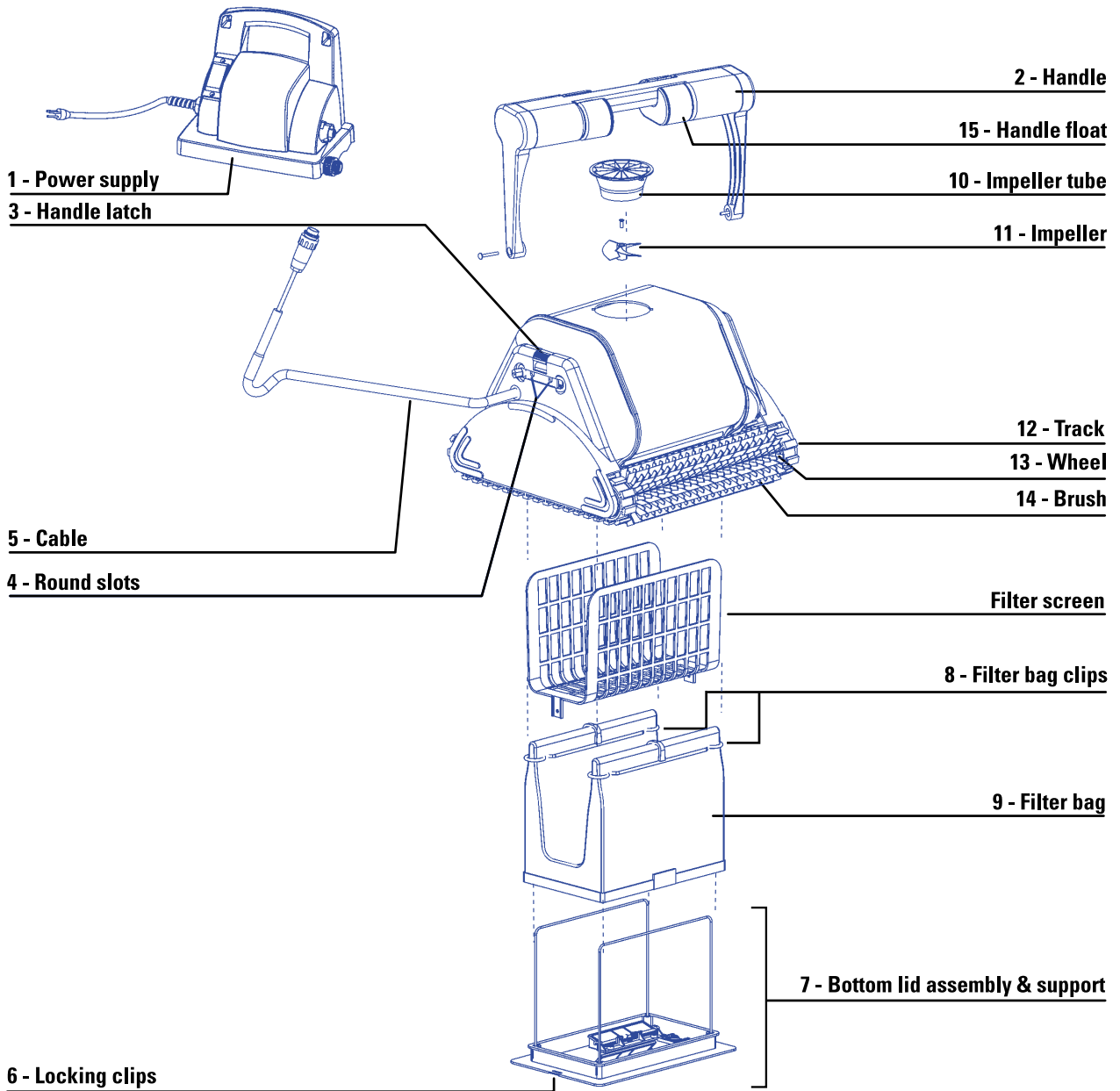
These specifications may vary for different swimming pools and for the various electrical configurations.

Although the DOLPHIN has been tested in a wide range of swimming pools, MAYTRONICS cannot accept responsibility if the DOLPHIN is not entirely suitable for any particular swimming pool.

Note: The sealed motor unit and the DOLPHIN power supply contain no user-serviceable parts. Opening these units will automatically invalidate your warranty.

The manufacturer reserves the right to change these specifications without prior notice.
 U.S. Patent No. 4168557, S.A. Patent No. 76/7474, AUST Patent No. 509698.

DOLPHIN assembly



Operating Instructions

Limited Warranty

This DOLPHIN has been manufactured, tested and inspected in accordance with carefully specified engineering requirements. It is warranted to be free from defects in materials and workmanship under normal use and service, subject to qualifications, conditions and limitations as described below.

This warranty extends to the first consumer/purchaser for a period of: **12 months.**

This warranty covers only normal and reasonable use of the DOLPHIN. Damage, defects, malfunctions or other failures arising from its use without the original transformer or any use which does not comply with the instructions in the Operator's Manual, including the failure of the purchaser to provide reasonable and necessary maintenance, shall invalidate this warranty. Damage, defects, malfunctions or other failures caused by or related to repairs performed by any servicer other than an authorized service representative of MAYTRONICS shall not be covered.

The warranty obligations of MAYTRONICS shall be limited to repair or replacement of the product or of any defective component, at the option of MAYTRONICS. Such repair or replacement may include the use of refurbished components and/or units at the option of MAYTRONICS. MAYTRONICS shall not be liable or responsible under any circumstances or in any amount for any consequential or incidental damages, or for any injury or damages to persons or property using or used in connection with the product, or for loss of profits or other costs or expenses of any kind of character. THERE ARE NO OTHER WARRANTIES OR REPRESENTATIONS, EITHER EXPRESS OR IMPLIED, WHETHER OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHER, MADE BY MAYTRONICS OTHER THAN THOSE SPECIFICALLY SET FORTH IN THIS WARRANTY. NO PERSON, FIRM, OR CORPORATION IS AUTHORIZED TO MAKE ANY REPRESENTATIONS OR INCUR ANY OBLIGATIONS IN THE NAME OF OR ON BEHALF OF MAYTRONICS, EXCEPT AS STATED HEREIN. THE REMEDIES SET FORTH IN THIS WARRANTY ARE EXPRESSLY UNDERSTOOD TO BE THE EXCLUSIVE REMEDIES AVAILABLE TO THE PURCHASER, AND THIS WARRANTY CONTAINS THE FULL AND COMPLETE AGREEMENT BETWEEN MAYTRONICS AND THE PURCHASER. THIS WARRANTY SETS FORTH THE ONLY OBLIGATIONS OF MAYTRONICS WITH REGARDS TO THIS PRODUCT, AND THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

To obtain warranty service, contact your nearest authorized MAYTRONICS dealer. After receiving an approval from the agent, return the DOLPHIN adequately packed, transportation charges prepaid, to the dealer from whom you purchased the DOLPHIN. Attach to the DOLPHIN a copy of the invoice including date of purchase, serial number and description of the problem.