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## INTRODUCTION

Dear Customer,

Thank you for your confidence in choosing the DESJOYAUX JD CLEAN™ cleaning robot.

This product has been designed, manufactured and tested with the utmost care in order to provide you with complete satisfaction.

We recommend you read these instructions carefully, before using your JD CLEAN™. They contain all the information you need in order to benefit fully from your JD CLEAN™, in complete safety.

Please contact your retailer, a swimming pool professional, for any further information.

He will advise you on the usage and maintenance of your robot.

He can also supply you with spare parts and is qualified to provide you with after sales service.

Various accessories are available from your dealer: Filter bag (with fine or big mesh), Brushes (PVC, or foam for tiles or pools with slippery walls), Protective cover.

## JD CLEAN™ GENERAL SPECIFICATIONS

It cleans in-ground pools up to a max of 12x6 m.  
For all pool shapes (excluding free-form).  
For all types of pool surfaces.  
For all types of pool floors (excluding diamond-shaped diving area).  
It cleans the bottom, sides, waterline and steps\*.

- Control box supply voltage: 230 V 50 Hz / 60 Hz
- Robot supply voltage: 30 VDC
- Installed load: 150 W max
- Length of cable: 18 m
- Robot size (WxDxH): 42x40x28 cm
- Weight of robot: 9.9 kg
- Packed weight: 22.1Kg
- Filtering surface: 3200 cm<sup>2</sup>
- Theoretical width cleaned: 330 mm

The manufacturer reserves the right to modify these specifications without notice.

\* We cannot guarantee the steps being cleaned because this depends to a great extent on the shape, size, coating on the steps and the water quality.



### Product waste disposal

#### Protection of the environment:

In accordance with the provisions of the Waste Electrical and Electronic Equipment (WEEE - 2002/96/EC) Directive, used electric and electronic products must be destroyed separately from normal household waste in order both to promote re-use, recycling and other forms of recovery and to reduce the quantity of waste to be destroyed and hence the disposal operations. **When you dispose of this product, comply with the local waste disposal instructions. Do not throw it away in the middle of nowhere: take it to a waste collection centre that specialises in used electrical and electronic products and/or consult your dealer when buying a new product.**

## ASSEMBLY AND INITIAL USAGE

### UNPACKING

The packing should contain the following items:

- the JD CLEAN™ robot, the transport trolley (to be assembled), the control unit, and a folder containing the user manual and the guarantee certificate.

To unpack these items, proceed as follows:

- Take out the box located on the robot : this contains the control unit.

• Remove the components from the trolley - **Figure 1**:

- 2 top tubes: right (1) and left (2),
- 1 control unit hook (3),
- 2 cable hooks: top (4) and bottom (5),
- 1 hook cover (6)

and a fastener kit containing:

- 2 special bolts for plastics (7)
- 4 long bolts (8)
- 4 nuts (9)
- 1 spanner

- Lastly, take out the bottom part of the trolley(10).

Make sure the robot has not sustained any damage in transit (shocks, broken parts, etc.). If you find anything that is not as it should be, don't hesitate to contact your dealer before using the robot.



Figure 1

### ASSEMBLING THE TRANSPORT TROLLEY

Top Part – **Figure 2**.

- Position the top tubes (1) et (2) on the hook (3),
- then fit the cable hook (4) - the tubes should be positioned to the side of the cable hook.
- Insert the bolt (7) above the cable hook and tighten it with the spanner.
- Insert the long bolts (8), into the control unit hook, holding the nuts (9) in the hook, then tighten them.

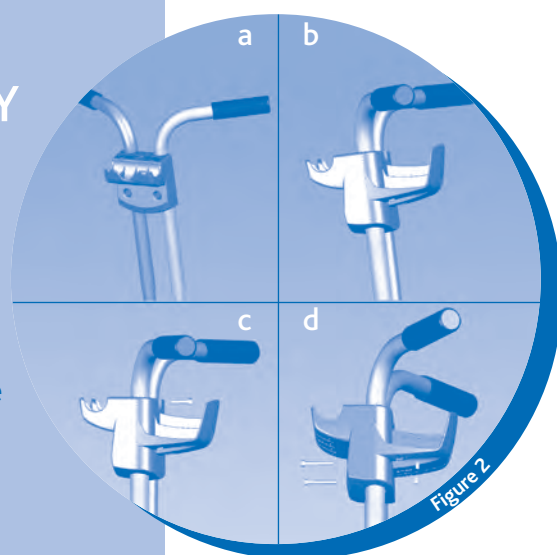
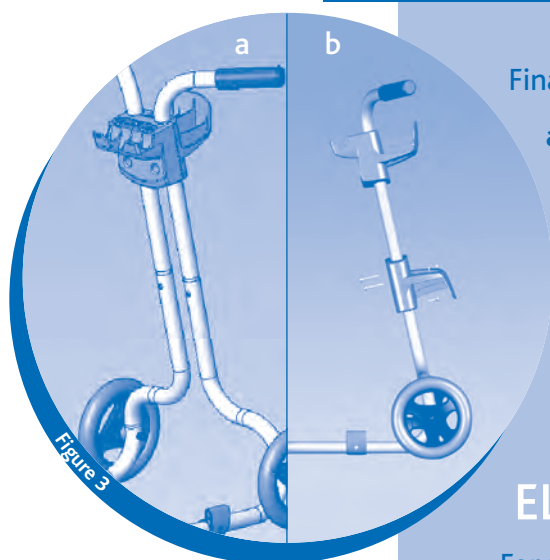


Figure 2

## ASSEMBLY AND INITIAL USAGE



Final Assembly - **Figure 3.**

- a)** • Place the assembled top part on the bottom part of the trolley (10).
- b)** • Place the cable hook (5) and its cover (6) on the assembly
  - Insert the bolt (7) under the cable hook and tighten it with the spanner.
  - Insert 2 long bolts (8) into the hook cover, holding the nuts (9) in the cable hook, and tighten them.

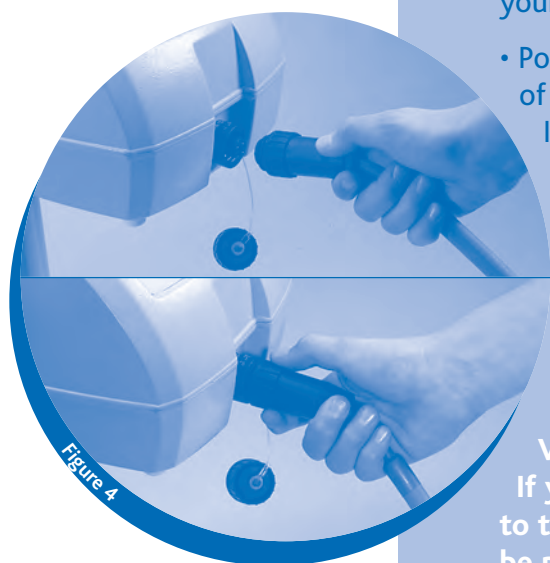
## ELECTRICAL CONNECTION

For your safety, and to obtain the best possible performance from your JD CLEAN™ robot, proceed as follows:

- Position the control unit at least 3.5 metres from the edge of the pool, avoiding direct exposure of the unit to the sun. It can be either placed on the ground or hooked onto the trolley as illustrated in **Figure 6.**
- Connect the robot's cable to the control unit and lock the connector. **Figure 4.**
- You should only connect the control unit to a plug protected by a safety system with a residual current of 30 mA maximum (if in doubt, contact an electrician installer).

### VERY IMPORTANT!

If you use an extension lead to connect your cleaner to the mains, make sure that the control unit cannot be placed within 3.5 m of the edge of the pool.



## IMMERSION OF THE ROBOT

### IMPORTANT:

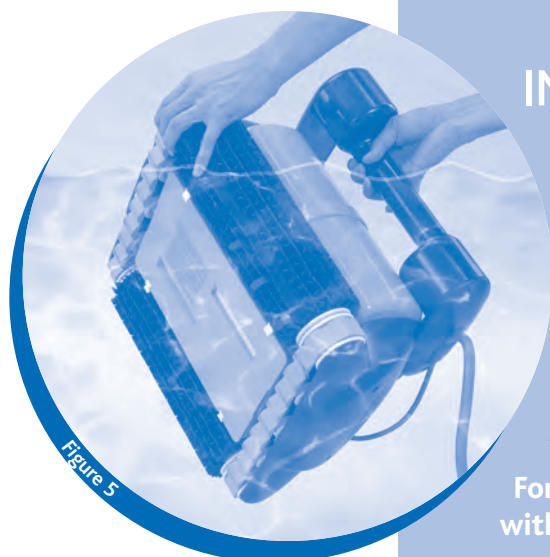
Do not allow anyone to use the pool when the robot is in it.

Put the robot into the water and expel the air from it. Turn it upside down if necessary. **Figure 5.**

It is essential for the robot goes down into the water by itself and places itself on the bottom of the pool.

Spread the cable out over the pool.

For optimum performance, we recommend you place the trolley with the control unit midway along the length of the pool.




## ASSEMBLY AND INITIAL USAGE

### INITIAL USAGE - FUNCTIONING

To start the robot, select a cycle on the control unit:

- The 3h Cycle, for a meticulous clean of your pool and the waterline,
- The 1h30 Cycle, for a rapid clean cycle, if the pool is not very dirty.

To start your JD CLEAN™ robot, press the programme button (3h or 1h30). **Figure 6.** The robot starts up after just a few seconds. The indicator light for the programme selected comes on.

If you wish to stop the robot during the cycle, press the  button. **Figure 7.** You will have to wait a few seconds before being able to start a new cycle.

You can change the cleaning cycle at any given time whilst the robot is in operation. Simply press the button for the other cycle (3h or 1h30).

**NB:**

If you press the button for the cycle that is already running, there is no change in the programme.

At the end of the cycle, the robot stops. The light remains on to indicate that the unit is still live.

Press the  button. **Figure 7.**

Disconnect the power supply cable from the mains plug.

Disconnect the cable from the control unit and wrap it in large coils.

**IMPORTANT :**

Wait for approximately 1/4 of an hour after the end of the cycle before removing the robot from the water.

### RECOMMENDATIONS

Use your cleaner robot as often as possible. You will benefit from a pool that is always clean and the filter bag will take longer to clog up. The robot is designed to work in a swimming pool whose water quality is as follows: chlorine < 2 mg/l, pH between 6.8 and 7.6, temperature between 10°C and 35°C.

Do not leave your robot in the pool on a permanent basis.

**IMPORTANT :** Do not use your robot if you are carrying out an express chlorination session in your pool!

Don't pull on the cable to take the robot out of the water.

Use only the handle.

Do not operate the robot out of water.



Figure 6



Figure 7

## CLEANING AND MAINTENANCE

### CLEANING THE FILTER BAG

We recommend that you clean the filter bag at the end of each cycle.

- Make sure that the power supply cable has been disconnected from the mains plug or that the floating cable has been disconnected from the power unit.
- Remove the robot from the water and lay it upside down on the pool-side, thereby offering access to the filter-holder plate located beneath the robot. **Figure 8.**
- Undo the 4 hooks that hold the plate in place. Remove it, whilst holding it upside down so that the dirt remains in the bag. **Figure 9.**
- Release the 2 plastic blocking clips to remove the bag. **Figure 10.**
- Carefully remove the elastic from the base of the filter and then remove it from the filter-holder plate. **Figure 11.**
- Empty the bag and clean it with running water or if necessary with slightly soapy water. If you use soap, rinse it thoroughly whilst turning it over. You can also machine wash it, following the instructions given on the label inside the bag.
- Also rinse the filter-holder plate and remove any dirt caught under the flaps.
- Replace the filter bag by positioning the knot on the holder elastic at the centre of the filter holder and the corners of the bag against the corners of the metallic rods. The Zodiac label should be located alongside a rod.
- Position the plastic clips at the top of the rods.
- Replace the filter holder and click it into place.

### CLEANING AND STORING THE ROBOT

The robot must be cleaned regularly with clean or slightly soapy water. Solutions such as trichlorethylene or similar must on no account be used. Rinse thoroughly in clean water.

Do not leave your robot to dry in the sun by the pool.

None of the external mechanical components that are accessible to the user require oiling.

The robot must be stored on the trolley designed specifically for this task so that the foam pads do not deteriorate and the robot dries quickly.

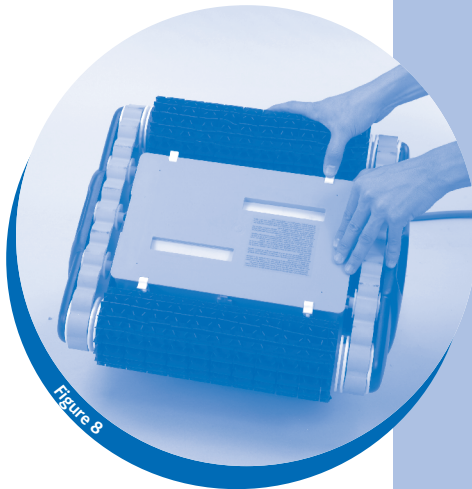


Figure 8

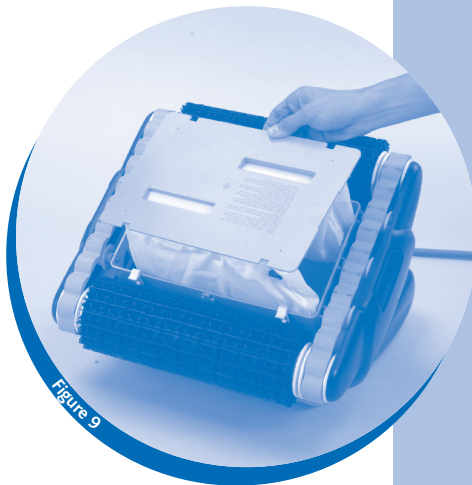


Figure 9

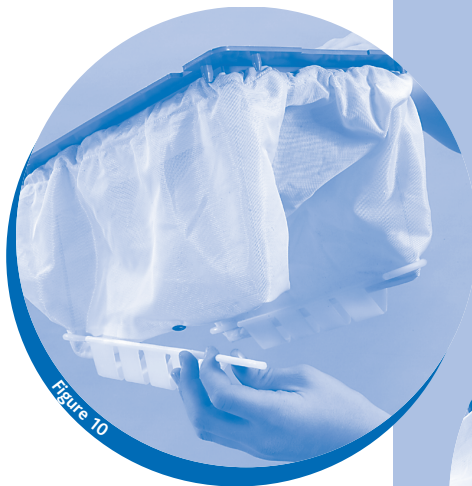


Figure 10



Figure 11

## CHANGING THE PADS

### 1. The robot is fitted with SEBS rubber pads.

The rubber pads include wear indicators. To ensure your cleaner always works at its best, you must replace the rubber pads as soon as one of the wear indicators is reached (even if the ribs haven't worn evenly).

#### Figure 12.

To change the pads, proceed as follows:

- Turn the robot upside down.
- Take the tabs out from the slots in the first pad.
- Take out the worn pad.
- To put the new pad in, thread the part without blades around the pad support. Insert each tab into its slot and pull gently on the blades so that the end comes out at the other side of the slot.

#### Figure 13.

- Cut the blades with scissors to even them up with the other blades. **Figure 14.**
- Follow the same steps for the second pad.

### 2. The robot is fitted with foam pads.

We recommend that you change the pads after a season's use. It is essential that they are changed as soon as their surface becomes smooth or worn.

In order to do this, proceed as follows:

- Turn the robot over.
- Push the pads aside to reveal the pad clips. Slide your fingers under the pads in order to release the clips holding them in place. Be careful not to push them too far. **Figure 15.**
- Remove the used pads and replace them with new ones (with the smooth side facing inwards).
- Replace the clips. **Figure 16.**
- Retighten the pads.

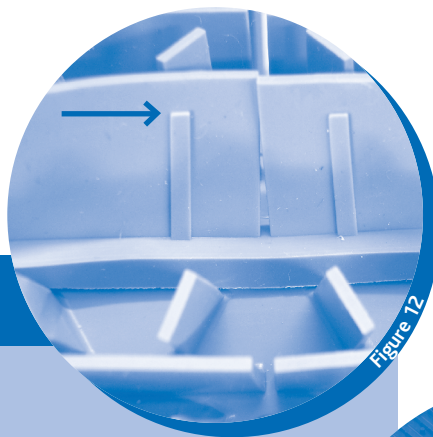


Figure 12



Figure 13



Figure 14



Figure 15



Figure 16



## ADJUSTING THE WEIGHTS

It may be necessary to adjust the robot's weights to improve its efficiency:

- The robot rises too high over the water line and takes in air: add one or more weights to position 1 and 5.
- The robot does not rise on the sides: remove one or more weights.
- Poor cover on the pool: shift the weight from its original position 3 to position 5.

To reach the weight, remove the protective screen from the motor:

- Turn over the robot carefully
  - Remove the filter-holder plate. **Figure 16.**
  - Remove the protective screen from the housing. **Figure 17.**
  - Adjust the weights. **Figure 18.**
  - Replace the protective screen and the filter-holder plate
- Put the robot in the water and carry out a test.

**Caution: It is essential to make sure that the filter bag is clean before doing the test.**

## IN THE EVENT OF A PROBLEM...

**The robot is not properly hugging the bottom of the pool**

There is still some air trapped in the appliance's shell. Repeat the steps of the immersion process, carefully respecting the instructions given in section "Immersion of the robot".

Turn the robot over whilst holding it under the water so that the trapped air can escape.

**The robot will not (or no longer) climb the walls**

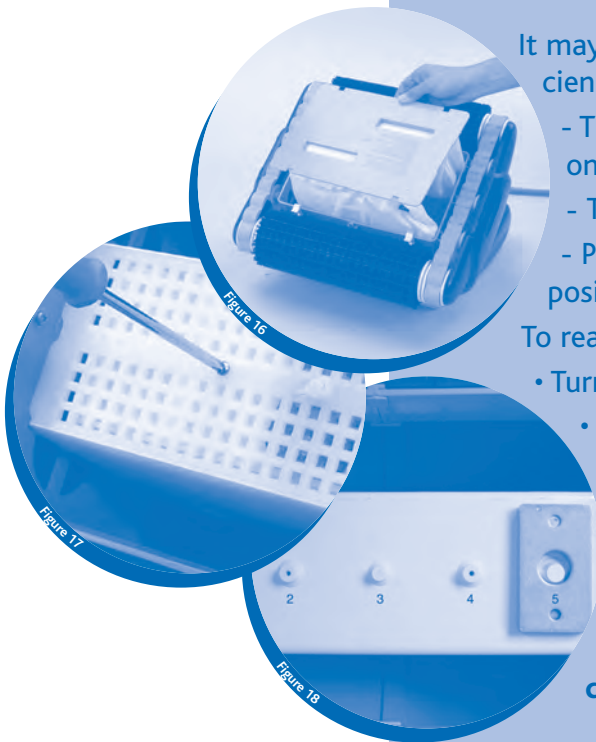
There can be 3 reasons for this:

- The filter bag is full or clogged up: simply clean it.
- The hose weighting level is not correct. See chapter ADJUSTING THE WEIGHTS.
- Although the water seems clear, your pool contains microscopic algae (not visible to the naked eye), which are making the sides slippery and are preventing the robot from climbing them. In this case, carry out an express chlorination session and slightly lower the pH level. Do not leave the robot in the water during the express treatment.

**When starting, the robot is not moving at all**

Check that the control unit's mains plug is functioning correctly.

Check that you have indeed started a 3h or 1h30 cleaning cycle. If the problem persists, contact your retailer.



## YOUR SAFETY

Your JD CLEAN™ is manufactured according to the strictest standards. To ensure complete safety when using your appliance, please respect the following recommendations:

- Only connect the control unit to a plug, with a security residual current protection system of 30 mA maximum.
- Make sure the socket outlet is always and easily accessible.
- The control unit must not be installed in an area where it is liable to get immersed.
- Make sure that the control unit is at least 3.5 metres from the edge of the pool, and avoid exposure to direct sunlight.
- On no account should you ever allow anyone to swim while the robot is in the pool. If by "accident", the control unit were to fall into the water, it is essential that you unplug the electric supply before recovering the control unit.
- To avoid any risk of an electric shock, never open the electric control box. Call a qualified technician.
- Never try to repair the mains power cable. Contact the Customer Services Department to have it replaced, to avoid any danger.
- Do not use the appliance in your pool if the water temperature is above 35°C.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

## CONFORMITY

This appliance has been designed and manufactured in accordance with the following standards:

- In compliance with Electromagnetic compatibility 2004/108/EC and the standards:  
EN 55014-1: 2000 +A1:2001 +A2:2002  
EN 55014-2: 1997 +A1:2002  
EN 61000-3-2: 2000 + A2:2005  
EN 61000-3-3: 1995 + A1:2001 +A2:2005
- In compliance with Low Voltage Directive 2006/95/EC and the following standards:  
EN 60335-1 : 2002 + A1:2004 + A2:2006 +A11:2004 + A12:2006  
EN 60335-2-41 : 2003 + A1:2004.

### **Additional information concerning the CE symbol:**

The JD CLEAN™ swimming pool cleaning robot conforms to the following directives:

- E.M.C. 89/336/CEE and 92/31/CEE;
- Low voltage 73/23/CEE.

Those to which it complies

The product has been tested under normal usage conditions.

## YOUR GUARANTEE

These terms are in accordance with French law at the time of printing. This guarantee does not prevent the user from applying the statutory warranty concerning hidden defects as described in Articles 1641 and subsequent of the Civil Code. Furthermore, it does not invalidate the statutory warranty concerning conformity as stipulated in the Consumer Code, directive 2005136 of February 17, 2005 (articles L 211-4, L 211-5, L 211-12).

### Terms

We guarantee that all the equipment is in technically faultless condition and has no manufacturing or material defects. It also corresponds to the technical developments and professional standards in force when it was launched on the market. We are not obliged to make any interventions resulting from subsequent modifications made to our products (improvements or modifications made as part of the product's technological progress).

The guarantee is restricted to the repair or the replacement of the appliance if a genuine fault is acknowledged. The choice of solution is left up to our initiative and the guarantee will under no circumstances result in greater compensation than that of the damage suffered, and cannot entail unreasonable costs borne by the retailer or the manufacturer.

The company reserves the right to cancel the guarantee if the appliance has been interfered with by a third party (i.e. outside our workshops or by a repair entity not approved by us) or if modifications have been made without our written agreement. We also reserve the right to cancel the guarantee in the event of usage that does not conform to the user instructions supplied with the appliance at the time of purchase.

Any legal guarantee such as the one described in article 1641 of the Civil Code is applicable. Any text that comes into force after this guarantee has been printed (the terms of which are part of standard law and order) will automatically be applicable even if it differs from this text.

### THE FOLLOWING CIRCUMSTANCES DO NOT COME UNDER THE GUARANTEE:

- The normal wear and tear of expendable parts such as the tracking, the pads, the belts and the filter bags.
- Electrical damage caused by lightning or a bad electrical connection.
- Breakage due to a bump or to misuse (robot, accessories and cables included).
- Under no circumstances will the guarantee period of the appliance be extended or renewed as a result of a repair or replacement made under the terms of the guarantee.

### Length of the guarantee

The length of the guarantee is fixed at two years from the first user's invoice date.

### Objective of the guarantee

During the guarantee period defined above, any component acknowledged as faulty will be fully repaired by the manufacturer or exchanged with a new part. In the event of the part being sent back to the workshop, the return transport costs will be the responsibility of the user, whilst the labour costs are the responsibility of the constructor. The immobilization of the appliance and the prevention of possession in the event of any repairs will not be compensated. In all circumstances, the seller's legal guarantee will remain applicable in accordance with article 4 of decree n°78-464 of 24 March 1978.

### Transport damage

Appliances are always transported under the responsibility of the recipient. It is the recipient's responsibility to check, before taking delivery of the equipment, that it is in perfect condition and, should the case arise, note any discrepancies on the carrier's transport docket. Our liability shall not under any circumstances be called into question in this regard.



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