

ROBOTIC POOL CLEANER
OPSON WS©
HJ2152



USER MANUAL

Thank you for purchasing Winny Robotic Pool Cleaner. If you have any questions or issues, please contact your local dealer for customer service.

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Important Precautions

1. Please read the manual carefully, and use the cleaner according to the manual. We are not held liable for any loss or injury caused by improper use.
2. Please do not allow children to ride on it or play with it as a toy.
3. It is forbidden to operate the cleaner when there are people in the pool.
4. In order to prevent severe damage to the cleaner, never power on it when it is out of the swimming pool.
5. In order to avoid any accident or damage, it is strongly recommended to remove the cleaner from the pool and to fix the cleaner indoor in at least 3.5m away from the swimming pool for charging.
6. Power off the cleaner and dry the charging port before charging.
7. The charger must be connected to a leakage-protected and earthed socket when charging.
8. Use the accessories recommended or sold by the manufacturer only.
9. Always clean and wash the filter tray after use.
10. The cleaner should be stored in a cool and ventilated place, away from direct sunshine.
11. Only professionals can disassemble the sealed driving kit of the cleaner.
12. It is forbidden to drop and hammer the battery and cleaner.
12. It is forbidden to use the cleaner in the environment above 40°C and below 0°C.
13. The battery should be charged in the environment between 10°C and 40°C. It needs to be cooled before recharging if the battery is overheated.
14. Charge the cleaner before the battery is completely exhausted. Stop using the cleaner and charge it when the power is decreasing.
15. It is forbidden to charge the battery when the battery is full. Overcharging will reduce battery life.
16. The cleaner should be charged every 6 months if it needs to be stored for a long time to maintain battery life.
17. The battery is prohibited from charging for a long time. It is recommended that the battery should not be charged for more than 6 hours.

Attention

1. Put into or lift out of the pool with the cleaner bottom towards the wall to avoid any possible scratches to the pool. Hold the top handle and put it into the pool. Let the cleaner immerse into the pool floor after emptying the air inside it (the air inside should be exhausted completely, otherwise its normal working will be affected).



2. The cleaner will self-beach when finishing working, then use the hook to lift it out of the pool.



I. Introduction

The robotic pool cleaner HJ2152 is a new type of highly efficient and energy-saving swimming pool cleaning robot. Through its advanced computer-controlled program, it can clean the pool walls and bottom automatically. At the same time, it filters the pool water and gets rid of suspended particles without replacing the pool water. It's totally environmental-friendly.

For safe operation, the cleaner is powered by a rechargeable lithium battery (25.9V 7.8Ah).

II. Safety

1. Cleaner's position when charging:

In order to avoid any accident or damage, it is strongly recommended to remove the cleaner from the pool and to fix the cleaner indoor in at least 3.5m away from the swimming pool for charging.

2. Power off the cleaner and dry the charging port before charging.

3. The charger must be connected to a leakage-protected and earthed socket when charging.

4. Use the original charger only.

5. It is forbidden to drop and hammer the battery.

6. It is forbidden to use the cleaner in the environment above 40°C and below 0°C.

7. The battery should be charged in the environment between 10°C and 40°C. It needs to be cooled before recharging if the battery is overheated.

8. Charge the cleaner before the battery is completely exhausted. Stop using the cleaner and charge it when the power is decreasing.

9. It is forbidden to charge the battery when the battery is full. Overcharging will reduce battery life.

10. The cleaner should be charged every 6 months if it needs to be stored for a long time to maintain battery life.

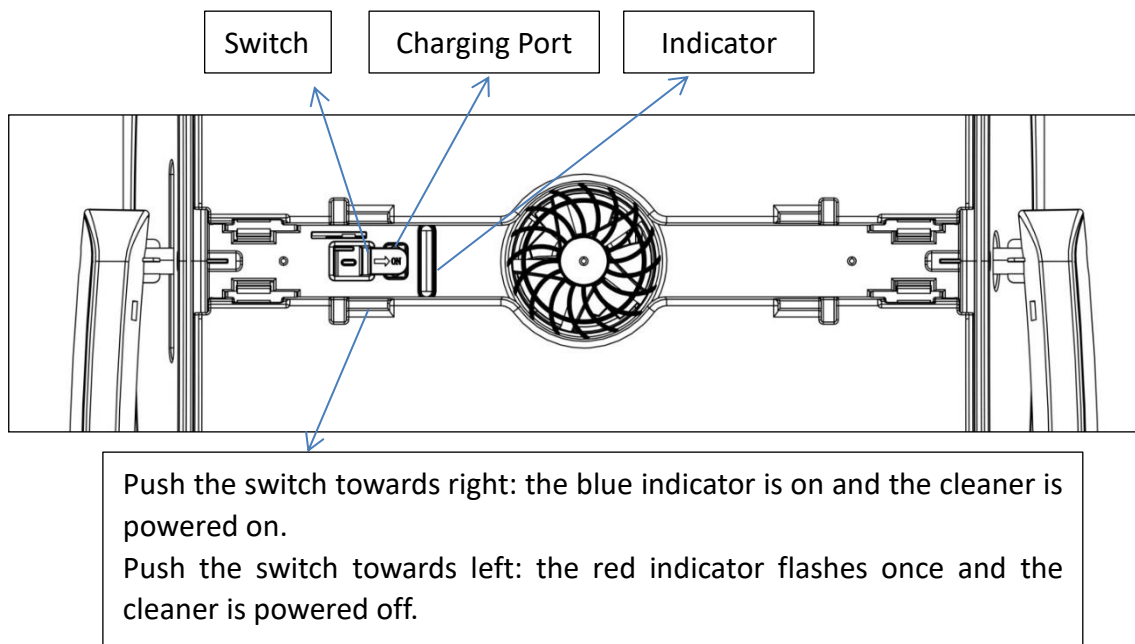
11. The battery is prohibited from charging for a long time. It is recommended that the battery should not be charged for more than 6 hours.

III. Specifications

1. Name: OPSON WS
2. Model: HJ2152
3. Rated input voltage of charger & frequency: 100Vac-240Vac; 50Hz/60Hz
4. Rated output voltage of charger: 30V
5. Rated output current of charger: 2A
6. Power: max. 130W
7. Working cycle: 120min
8. Charging time: 4-5h
9. Battery capacity: 7800mAh
10. Max. cleaning surface: 120m²
11. Filter capacity: appr. 16m³ /min
12. Filter capability: 180μm
13. Moving speed: appr. 10m/min
14. Working environment temperature: 0°C-40°C
15. Charging environment temperature: 10°C-40°C
16. IP Grade: IPX8
17. Max. Water depth: 2m

IV. Operation instructions

4.1 Instructions for switch and indicator



4-1 Instructions for switch and indicators

No.	Instructions	Function description
1	Switch	Push the switch towards right: the blue indicator is on and the cleaner is powered on. Push the switch towards left: the red indicator flashes once and the cleaner is powered off.
2	Indicator	1. Blue light is steady on: switch on 2. Blue light flashes: the cleaner is working 3. Yellow light flashes: low battery and self-beaching 4. Yellow light is steady on: finish self-beaching 5. Red light is steady on: switch off 6. Red light flashes: faults
Fault handling: When red light flashes, please switch off and charge it, then put it into the pool again and switch on. If the cleaner cannot get back to normal, please contact after-sales.		

4.2 How to charge the battery

4.2.1 Remove the cleaner from the pool

Place the cleaner indoor in at least 3.5m away from the swimming pool for charging.

Red light indicates the battery is being charged.

Green light indicates the charging is finished.



4.2.2 Instructions for charging indicator

The color and state of indicator	Charging state
Green light is steady on	Waiting for charging or battery not plugged or charging finished
Red light is steady on	The battery is being charged
Red light flashes	Low battery or battery damaged

4.3 Clean the filter tray

4.3.1 Take out the filter baskets:

- Press the opening button (see Figure 1)
- The top cover will pop-up automatically (see Figure 2)
- Open the top cover (see Figure 3)
- Take out the filter basket (see Figure 4)

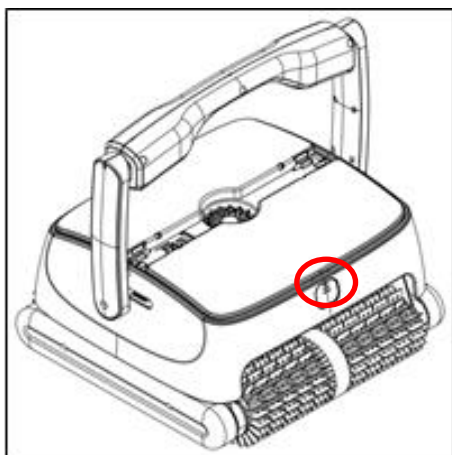


Figure 1

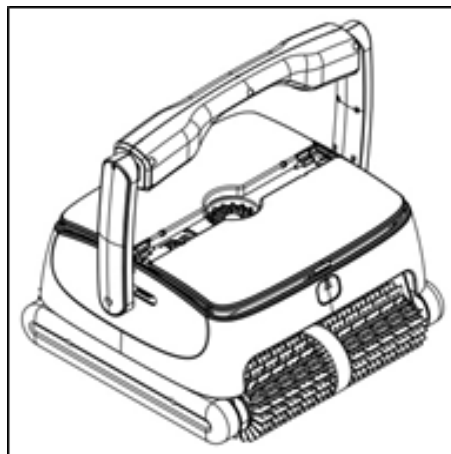


Figure 2

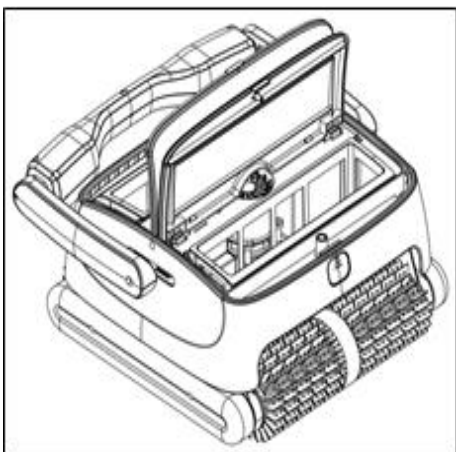


Figure 3

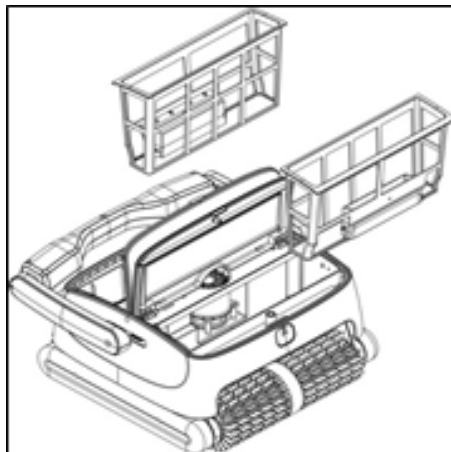
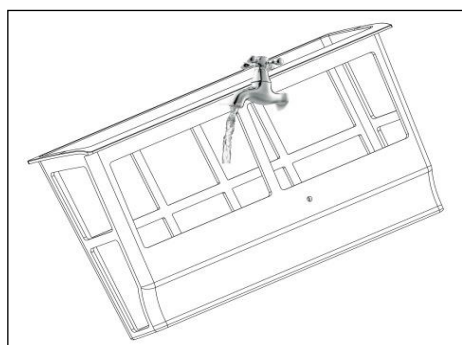


Figure 4

4.2.2 Clean the filter baskets



4.2.3 Re-install the filter baskets.

Pay attention to the installation position and close the top cover.

V. Packing list

Item		Name	Model	QTY (pc)	Remark
1	Cleaner	Cleaner body	HJ2152	1	In carton
2		Charger		1	In plastic bag
3		Hook		1	In plastic bag
4		Foam		2	In plastic bag
5		User manual & safety rope		1	In plastic bag

VI. Warranty

This product has passed all quality control and safety tests, conducted by the technical department of the factory.

Warranty information:

1. The warranty is covered for 24 months (only for motors, PCB & battery) from the date of its original purchase.
2. This warranty is void if the product has been altered, misused, or has been repaired by unauthorized personnel.
3. The warranty extends only to manufacturing defects and does not cover any damage resulting from mishandling of the product by the owner.
4. The sales invoice must be presented for any claim or repair during the warranty period.

Please contact your local dealer for any warranty issues.

