

maytronics  
**M TC8-UN I**  
**Robot Pool**  
**Cleaner**



## maytronics M TC8-UN I Robot Pool Cleaner Instruction Manual

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**maytronics M TC8-UN I Robot Pool Cleaner**



## Product Specifications

- **Model:** M TC8-UN I
- **Part Number:** 8152080
- **Language:** English

## What You'll Find Inside the Box

- Filter and cartridges
- Robot Pool Cleaner Power Supply Unit
- Base frame for filter elements x 2
- Ultra-fine filter x 4
- Bag for filters storage x 1
- Spring filter x 4
- S clip x 4
- Power supply unit x 1
- Robot pool cleaner x 1
- Remote control unit (RCU) x 1
- Caddy kit x 1

## Description of Main Components

### 1. Filters:

- Dual-level filtration system.
- **Spring filter + base frame:** For dirty pools with large debris such as leaves, useful for the beginning of the season.
- **Ultra-fine filter cartridge + base frame:** For day-to-day use, factory default.

### 2. Brushes:

- **PVC Brush:** For concrete, PVC, fiberglass, and liner surfaces.
- **Combined Brush:** For rough ceramic surfaces and mosaic tiles.
- **Wonder Brush:** For smooth ceramics.

3. **Power supply unit:** Digital, Switch-Mode power supply.

## **Product Usage Instructions**

### **Filters**

- The robot pool cleaner comes with two types of filters – Spring filter + base frame for initial heavy cleaning and Ultra-fine filter cartridge + base frame for regular daily cleaning.

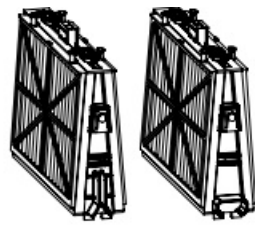
### **Brushes**

- Depending on your pool surface, choose between the PVC Brush, Combined Brush, or Wonder Brush provided for optimal traction.

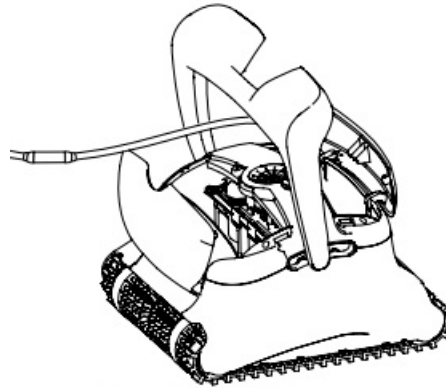
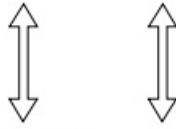
### **Power Supply Unit**

- The digital Switch-Mode power supply ensures efficient operation of the robot pool cleaner.

## **What You'll Find Inside the Box**



Filter and cartridges



Robot Pool Cleaner



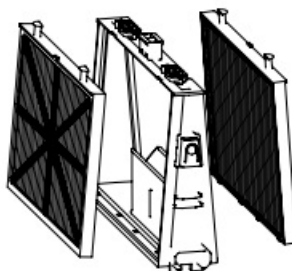
Power Supply Unit

| Part   | X         | Comment |
|--|-----------|---------|
| Base frame for filter elements   | 2         |         |
| Ultra-fine filter  | 4 Filter  |         |
| Bag for filters storage  | 1         |         |
| Spring filter  | 4 Filters |         |
| “S” clip   | 4         |         |
| Power supply unit  | 1         |         |
| Robot pool cleaner   | 1         |         |
| Remote control unit (RCU)  | 1         |         |
| Caddy kit  | 1         |         |
| <b>Optional components available on request from your robot pool cleaner distributor</b> |           |         |

## Description of Main Components

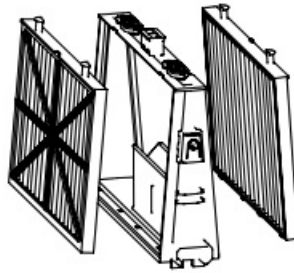
### 1. Filters

- Dual-level filtration system.



- **Spring filter + base frame**
- For dirty pools with large debris such as leaves etc. – Useful for beginning of season.
- **Ultra-fine filter cartridge + base frame**
- For day-to-day use.

- Factory default.

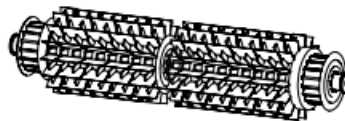


## 2. Brushes

- There are three types of optional brushes, each designed to provide optimal traction on different pool surfaces.
- Only one type set is provided with your robot pool cleaner.

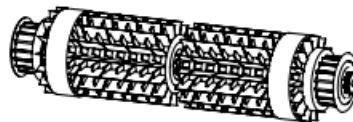
- **PVC Brush**

- For concrete, PVC, fiberglass and liner.



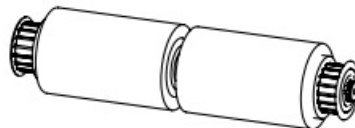
- **Combined Brush**

- For rough ceramic surface and mosaic tiles.



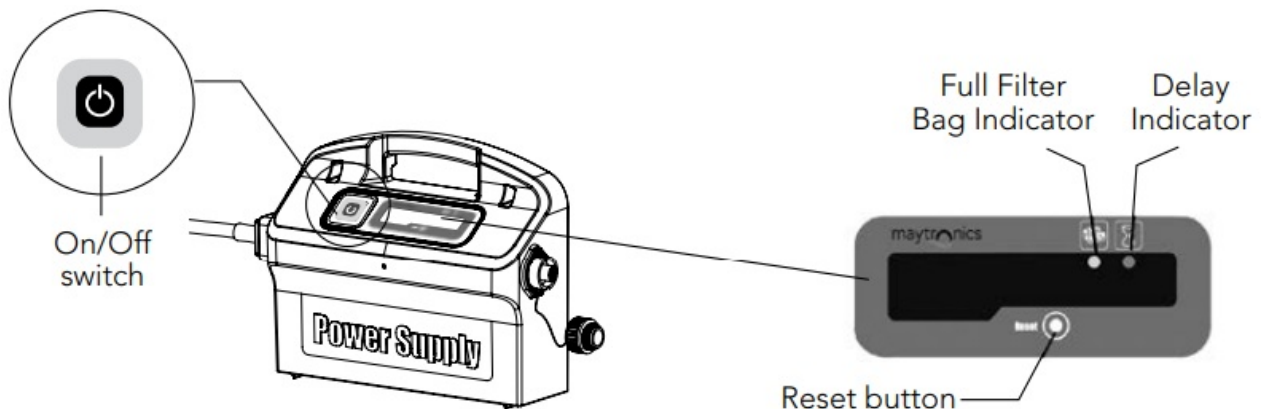
- **Wonder Brush**

- For smooth ceramics.



## 3. Power supply unit

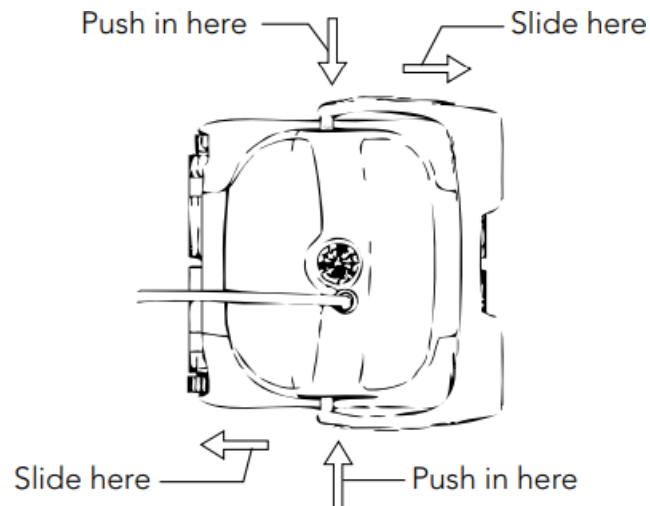
- **Digital, “Switch-Mode” power supply:**
- Input – 100 VAC – 250 VAC
- 50 Hz – 60 Hz
- 180 W
- Output – <30 VDC
- IP54



## Robot Pool Cleaner Operation

## Preparing the Robot Pool Cleaner for Use

- **A.** Assemble the Caddy kit – you will find the instructions in a separate document
- **B.** Adjusting the handle float angle
- The handle angel must be adjusted to determine the speed that the robot pool cleaner advances along the water-line.
  1. Lay the handle down at an angle of 180° to the ground.
  2. Push the base of the arm into the body of the robot pool cleaner and slide it towards the rear of the robot pool cleaner until it clicks into the required position.



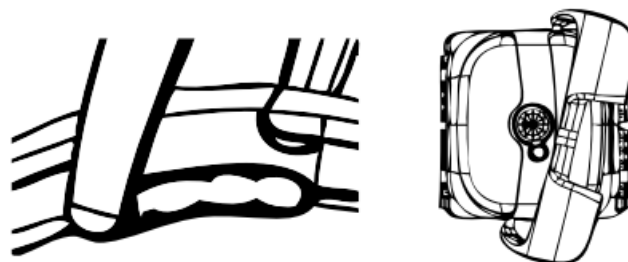
### Normal advance

- More efficient cleaning action on water-line.

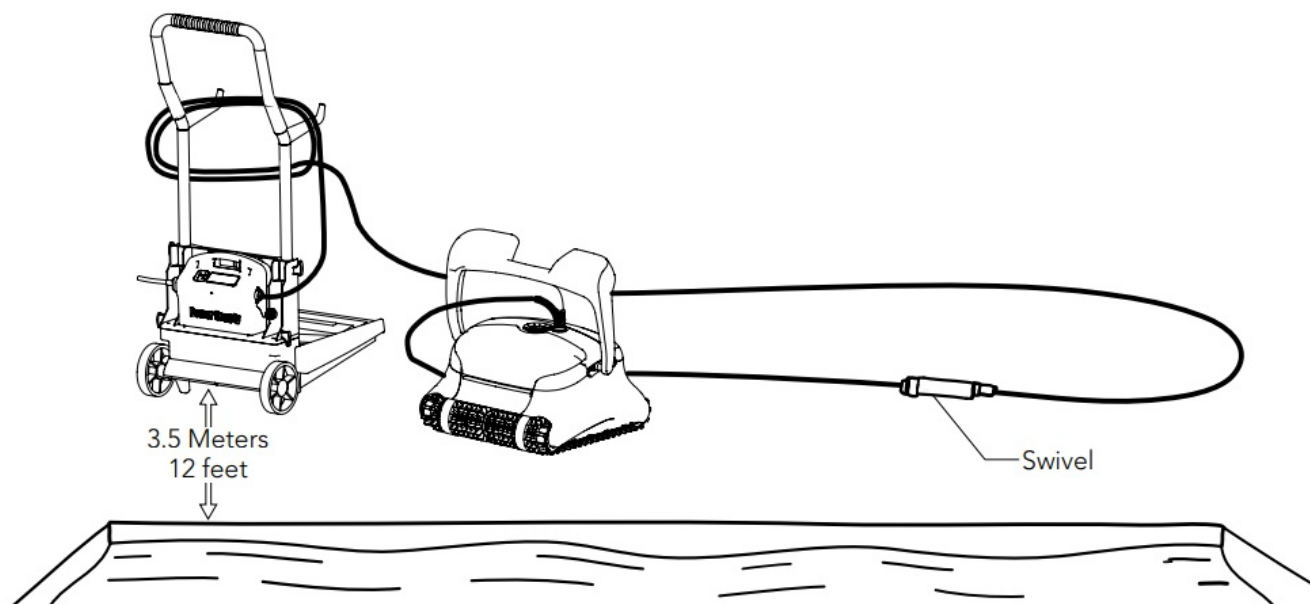









### Fast advance

- Fast speed – For faster but less efficient cleaning action on water-line.



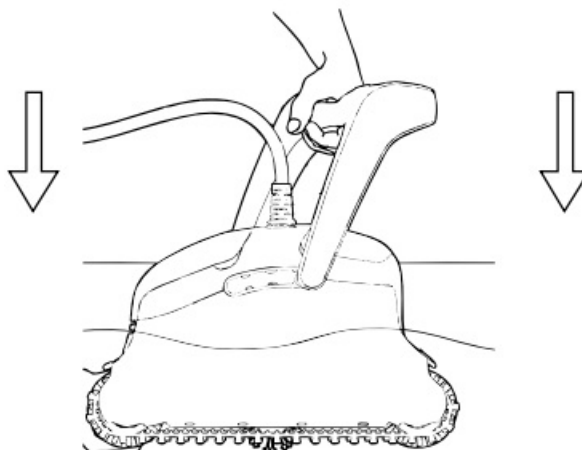
- **C.** Laying out the cable
- Unwind minimal required cable to cover the entire pool size, straight the cable along the pool side.
- Make sure there are no twists or kinks.



-  Only use the original supplied Power supply Unit.
-  The Power supply Unit is Splash proof – Do not immerse it in water.
-  Unplug the Power Supply Unit before any servicing activity.
-  Do not plug the Power Supply Unit in before placing the pool cleaner in the water.
-  Ensure the mains outlet is protected by a ground fault interrupter (GFI) or an earth leakage interrupter (ELI).
-  **Important:** DO NOT enter the swimming pool while the pool cleaner is working.
-  Keep the Robotic Pool Cleaner out of the reach of children or persons with reduced pPhysical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.

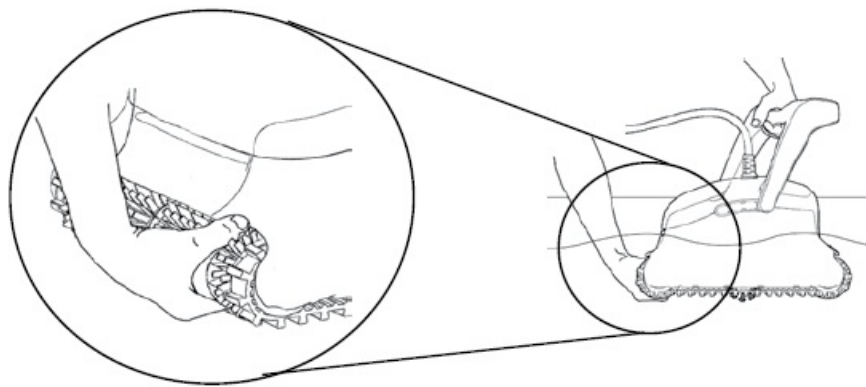
### Into the water

- Place the robot pool cleaner into the pool and release the handle.



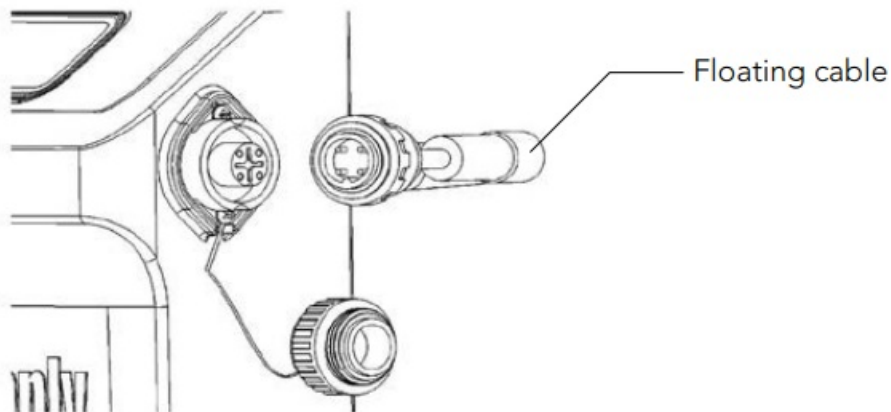
- **Note:** When using the combined brushes or Wonder brushes, gently squeeze the Wonder brush material until it is totally wet.



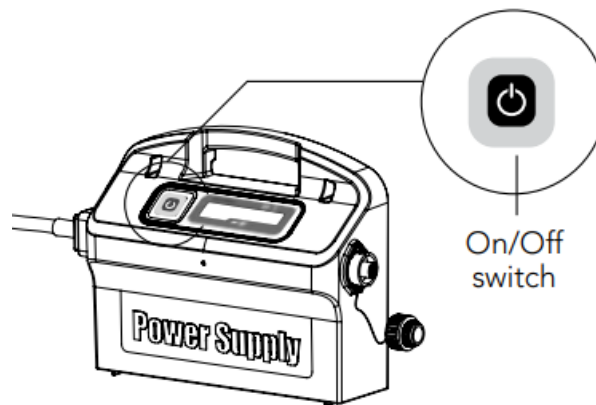


### Turning the Robot Pool Cleaner ON

1. Plug the floating cable from the robot pool cleaner into the power supply unit.
2. Plug the electrical cable from the power supply unit into the mains.



3. Press the ON/OFF switch on the power supply unit.
4. The robot pool cleaner will now start to work.

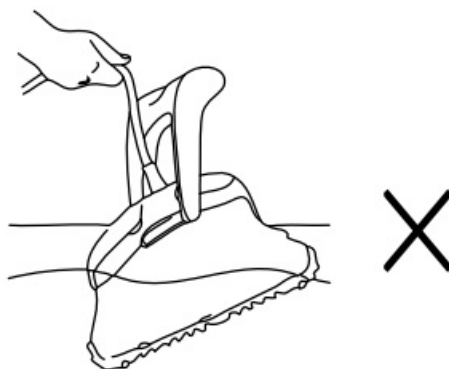
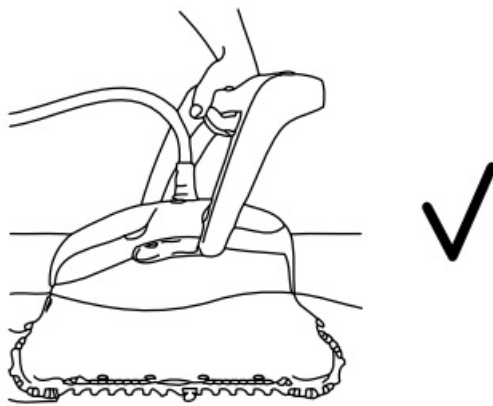



-  **Important:** DO NOT enter the swimming pool while the pool cleaner is working.

### Taking the Robot Pool Cleaner out of the water

Unplug power supply before any servicing activity.


1. If the robot pool cleaner has not finished its cycle, turn off the power supply unit and unplug the mains.
2. Pull the floating cable gently until the robot pool cleaner has risen to the surface, then lift by the handle.

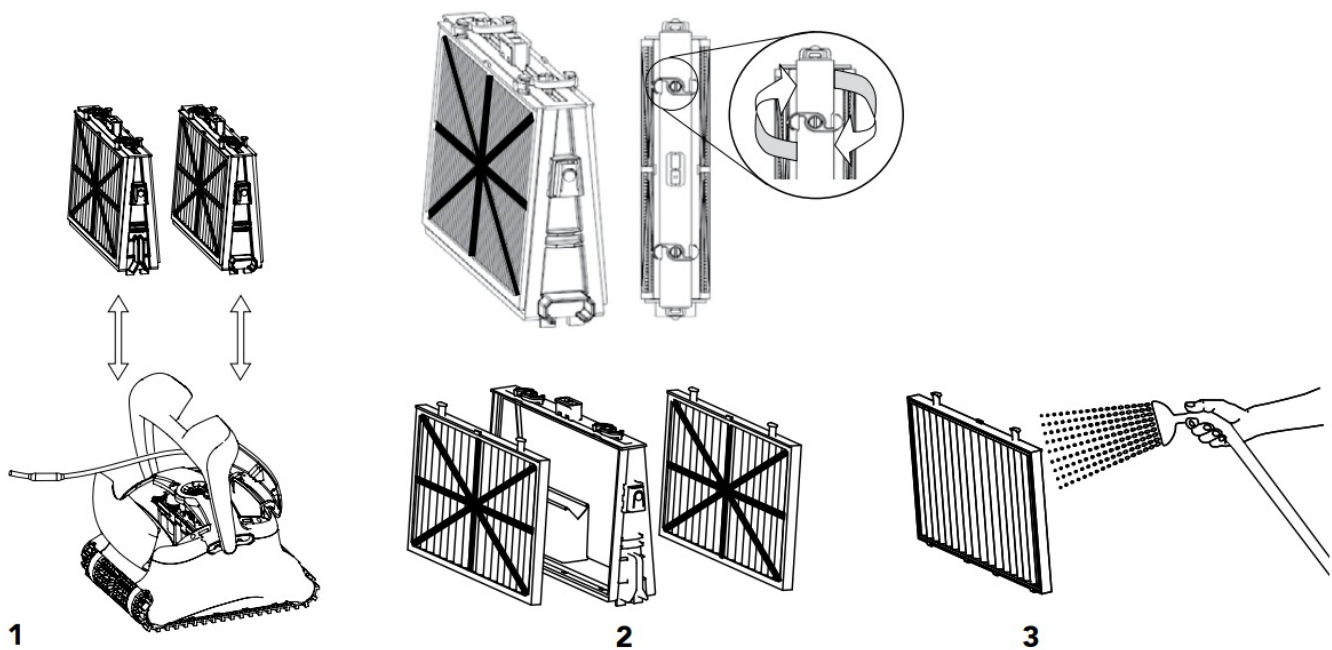


-  **Important:** Do NOT lift the robot pool cleaner from the water by its cable.

## Routine Maintenance

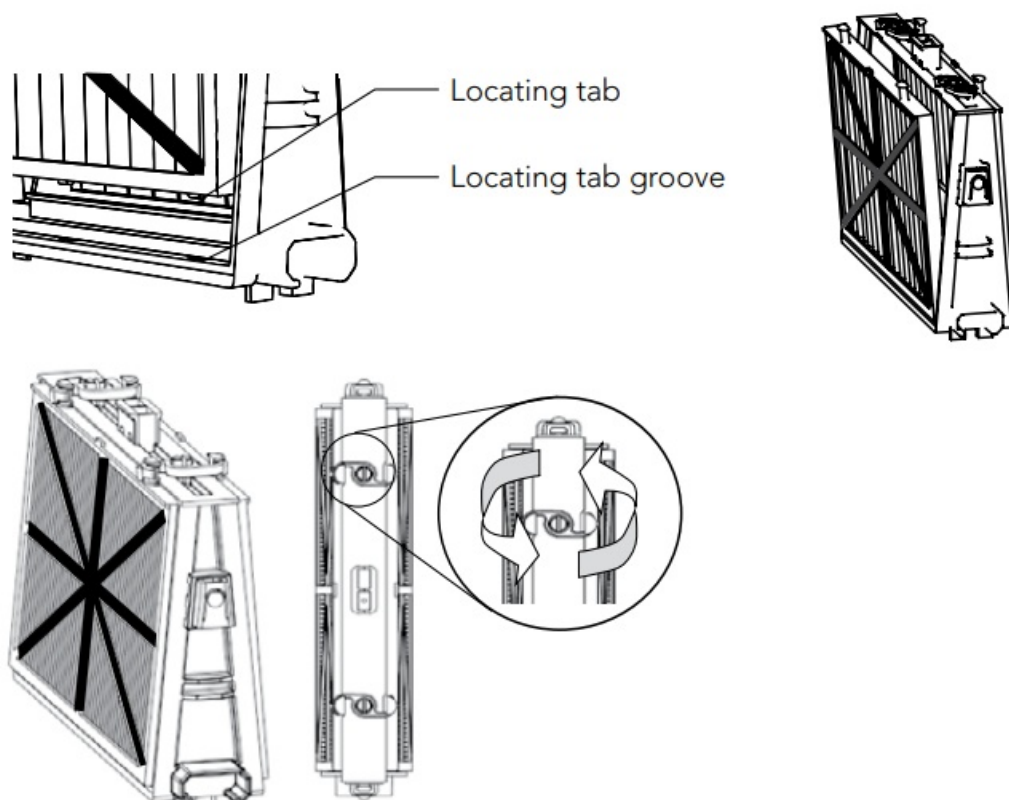
### Extracting and cleaning the filter elements

-  Unplug power supply before any servicing activity.

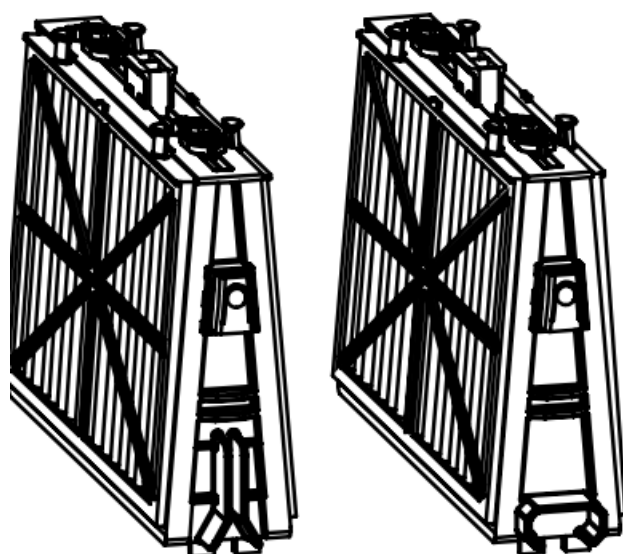


### Reassembling the filter elements

- Insert the locating tabs at the bottom of the filter element into their grooves on the base frame, then close the “S” clip.




- Reinstall the filters according to the diagram
- DO NOT FORCE THE FILTERS INTO PLACE.

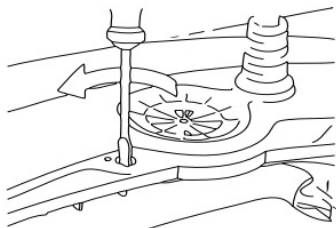


Grooved end fitting      Octagonal end fitting

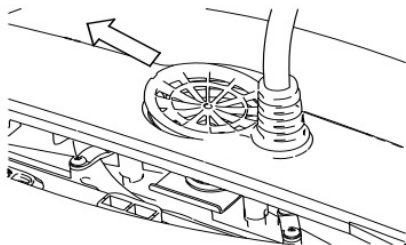
- **Important:** Where applicable, you must reset the full filter bag indicator on the power supply unit.
- **Recommendation:** Rinse all brushes with clean water after each cleaning cycle.

### Dismantling and cleaning the impeller

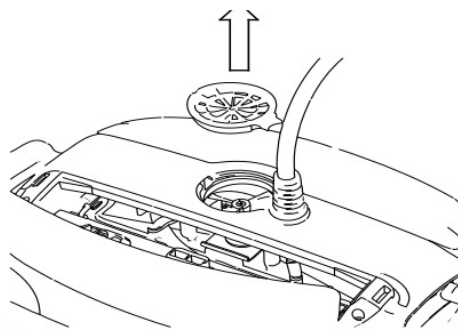
-  Unplug power supply before any servicing activity.
- Dismantle the impeller cover and clean around the impeller housing, then reassemble.



1



2



3

## Storage Advice

- Coil the cable and store in dry cool area – Preferably on the Caddy if available.
- Do NOT store the robot pool cleaner exposed to direct sunlight.
- Do NOT store the robot pool cleaner exposed to excessive heat.
- Do NOT store the robot pool cleaner exposed to frost.

## Troubleshooting Guide

- Before contacting your Robot Pool Cleaner distributor please read through this guide.

The pool water condition must be within the following parameters:

|  |                             |
|--|-----------------------------|
| <b>pH: 7.0 – 7.8</b>                         | <b>NaCl: 5000 ppm max.</b>  |
| <b>Temperature: 6°C – 35°C (43°F – 95°F)</b> | <b>Chlorine: 4 ppm max.</b> |

| Symptom  | Solution   |
|--|--|
| Cable twisting or cable coils up   | Check for any obstruction in the pool                                    |
|  | Remove excess cable from the pool  |
|  | Make sure filter cartridge is clean                                      |
|  | Straighten cable and lay it in the sun periodically                      |
| Robot pool cleaner is moving in circles or does not reach all pool areas | Check for foreign objects in moving parts                                |
|  | Make sure filter elements are clean and that the filter doors are closed |
|  | Make sure that there is enough cable laid out to cover the whole pool    |

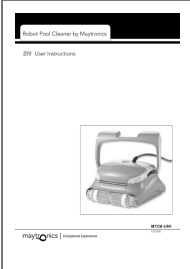
|  |   |
|--|---|
|  | <p>Before using the robot pool cleaner at the beginning of the season you should brush any algae from the floor and walls of the pool</p> |
| Robot pool cleaner is not traveling sideways on walls  | Adjust the diagonal angle of the handle   |
| Robot pool cleaner does not climb walls                | Make sure the filter cartridge is clean   |
|  | If using the robot pool cleaner at the beginning of the season, use the Spring cartridge  |
|  | If using the robot pool cleaner at the beginning of the season you should first brush any algae from the floor and walls of the pool      |
|  | Check if brushes are suitable for pool coating and replace them if necessary  |
|  | Check if brushes are worn and replace them if necessary   |
|  | Make sure the Impeller area is clean  |
|  | Check that the RCU is set for climbing  |
| Robot pool cleaner not sinking                         | Make sure the Wonder brushes or the combined brushes are soaked in water  |
| Robot pool cleaner disengaging from wall at water line | If robot pool cleaner climbs too high consult your robot pool cleaner distributor   |
| RCU is not working                                     | Check if the batteries need replacing   |
| Motor is not working                                   | Check if the impeller is blocked  |
|  | Check if the drive system is blocked  |
|  |   |

|   |  |
|---|--|
|   | <p>Electrical problem (power supply), check power source</p> <p>.</p> <p>If power source is in order, please contact your robot pool cleaner distributor</p> |
| <p>Additional troubleshooting is available at our Website: <a href="http://www.maytronics.com">www.maytronics.com</a></p> |  |

Frequently Asked Questions

- **Q: Can I use the robot pool cleaner without the remote control unit?**
  - **A:** Yes, the robot pool cleaner can function autonomously without the need for the remote control unit. The remote control unit provides additional convenience and control options.
- **Q: How often should I clean the filters?**
  - **A:** It is recommended to clean the filters after each use to maintain optimal performance and prolong the life of the filters. Follow the user manual instructions for proper maintenance.

Documents / Resources

|   |   |
|---|---|
|  | <p><a href="#">maytronics M TC8-UN I Robot Pool Cleaner</a> [pdf] Instruction Manual</p> <p>M TC8-UN I, 8152080, M TC8-UN I Robot Pool Cleaner, M TC8-UN I, Robot Pool Cleaner, Pool Cleaner, Cleaner</p> |
|---|---|

References

- [User Manual](#)

[Manuals+.](#) [Privacy Policy](#)

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