

Glamorca Roller clean Max- instructions.

Roller clean is a filtering device that mechanically removes impurities from the water, in order for it to work properly, you should read carefully statement.

1. The roller consists of 2 main components:

- a) the bottom cassette, which is inserted in place of the filter sock,
- b) top cassette with filter fleece.

2. **In order for the machine to work properly, the water level difference must not exceed 100mm (4)**

3. There are water inlets on the left and right side of the device, the device works properly no matter how it is rotated.

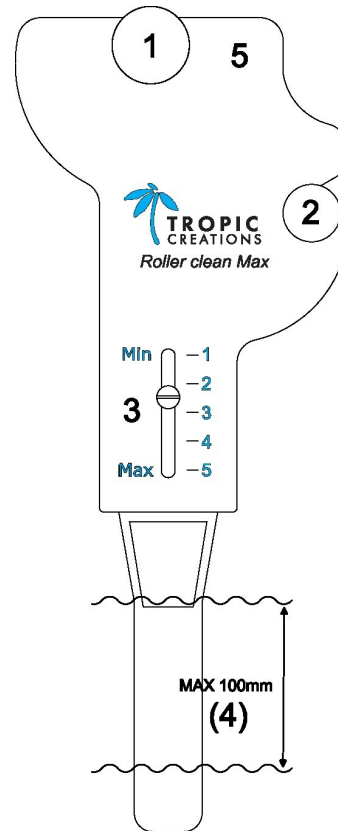
4. **To mount the device, install the adapter with the milling facing upwards.**

5. When inserted into the adapter, the lower cassette should engage with the millings, sealing the connection.

6. On the side of the cassette there are 2 diagrams A and B (5) of the non-woven fabric routing between the rollers, depending on whether the motor is on the left or right side.

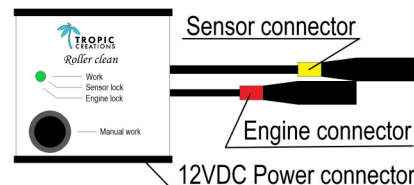
7. Put the non-woven fabric on a handle with a diameter of 16mm (2) and pass it between the rollers to the upper roller with the motor (1).

8. After mounting the non-woven fabric on the cassette, put the whole thing into the bottom cassette.



Attention! The non-woven fabric should be attached to the roller with the motor with a sticker which is attached to the new roll marked **Roller clean Max** the non-woven fabric should be placed on a roll with engine, and after turning the motor by a full turn, the non-woven fabric will tighten on the motor.

The engine itself can be mounted on the left or right side (5)



9. The next step is to connect the liquid level sensor (yellow band), the motor (red band) and the power supply to the controller. **The controller should be placed in a dry place with humidity below 50%.** We have 6 pieces of information on the controller:

- **green LED** - operation, the controller rewinds the roll of non-woven fabric after receiving the signal,
- **green LED blinks** - delay of start,
- **blue LED** - sensor blockade, the controller has received too long information that the sensor is raised, even though it is scrolling the non-woven fabric,
- **blue LED blinks** - the non-woven fabric has not rewound for 8 hours, it means that the roller is installed incorrectly, or the roller has run out - there is no need to reset the controller,
- **red LED** - motor lockout, the controller monitors the motor power during operation, when it is overloaded it stops it.
- **red LED blinks** - motor not connected or faulty.

Each error is reset by pressing a button on the controller. Before restarting, it is necessary to diagnose what was the cause of the reboot.

The motor lock error is stored in the memory of the controller, the cause may be:

- installation of non-original non-woven fabric,
- too much water flow,
- failure to install the roller in accordance with the instructions or intended use,
- Too many slugs or other hard debris on the runoff.

Too many motor errors (red LED) can cause damage to the motor or power output in the control unit. After reading the number of errors, the service decides whether the device was used for its intended purpose and decides on the warranty repair.

There is a **MANUAL WORK** button on the controller, thanks to which we can rewind the roll of non-woven fabric manually.

10. After the initial setting and commissioning of the roller, leave it for a few hours and observe the dirt of the non-woven fabric.

First commissioning and setting of non-woven fabric contamination (3)

Pre-setting - depending on the **water level (4) and flow**, it is recommended to pre-set the sensor to level 1 and leave the unit for a few hours.

When the fleece is pre-soiled but has not yet rewound, you can gradually lower the sensor until the motor should rewind and stop after 3-4 seconds.

If the motor has not stopped and there is an error with a blue solid LED, gently reverse the sensor level and reset the error,

When there is no error after rebooting, this is the initial setting of the filtration level.

Min/Max is the height adjustment of the sensor in the cassette, if we lower it (Max) then the non-woven fabric should scroll more often (the soiled non-woven fabric will be lighter), with the (Min) setting the situation will be the opposite.

With each change in the water flow, an adjustment must also be made to the sensor level.

Remark!!! The rollers and the motor are not waterproof, so when replacing the soiled non-woven fabric, unplug the motor plug and move the motor together with the soiled fleece to a safe place and remove it there.

Use and Maintenance.

After each used roll:

- check if the sieve in the top cassette is free of dirt from the inside and outside (e.g. algae, solid elements such as snail shells/snails, sand, etc.),
- check if the rollers are clean,
- check if the float sensor works slightly and the axis on which it moves (in case of problems, slide off the cotter pin, remove the float and wash thoroughly in RO water),
- check if there are any signs of corrosion/tarnishing on the sensor,

- check if there is any moisture from the plugs connecting the motor and sensor to the controller,
- check if the non-woven fabric is rewound according to the diagram on the upper cassette,
- After installing the roller with the motor, pay special attention to whether it is well applied to the handles.

CAUTION - the use of non-original rollers, controller, power supply, sensor, is associated with the loss of warranty! The maximum water flow is 8000L/h.



Solving problems

| Problem | Cause / Solution |
|--|--|
| Motor fault (red LED) | <p>Motor fault protection has tripped.</p> <p>This is due to solid elements that have passed through the strainer and blocked between the fleece and the lower rear roller.</p> <p>Solution - remove the cassette, open the drain valve to 100% and clean the drain pipes / chimney of small solids (snails, hard algae, etc.)</p> |
| The engine does not rewind | <p>If the blue or red diode is lit, the controller is blocked until the controller is restarted (the power supply is turned off for 1 minute).</p> |
| The engine only scrolls in the manual mode. | <p>Check the cables, sensor plug connection with the controller.</p> <p>Check that the float sensor is clean and that it responds to manual lifting</p> |
| Damp / wet fleece roll | <p>Device mounted too low.</p> <p>During a power failure to the circulation pump, the water level in the small sump may rise high enough to flood the fleece.</p> |
| The engine is spinning all the time or it will rewind a clean roll | <p>Check if the float sensor is blocked (dirt, snails),</p> <p>Check if the sensor plug is properly plugged in, the controller will rewind the reel for only about 5-10 seconds and will show an error with a blue LED.</p> |
| Other problems | Please contact the service |

