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Piraya

Pool Bottom Cleaner



USER MANUAL

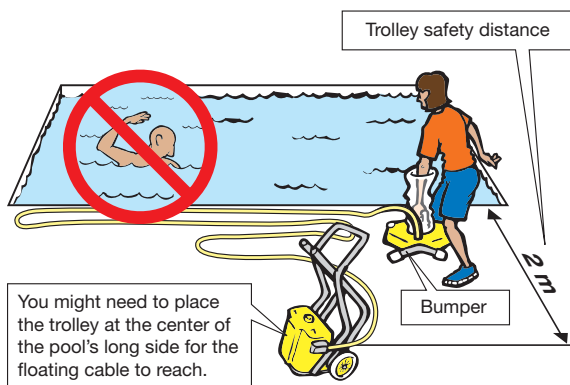
Piraya automatic 42V

SAFETY



- Only connect the plug to a power outlet equipped with RCD!
- Never insert fingers into the pump wheel when the plug is connected!
- The Piraya shuts down immediately if it is not in water.
- If the Piraya shuts down at start when it is in the pool, see page 8.
- Bathing prohibited when the Piraya is in the pool.

PREPARATION



1 Lift off the Piraya

by grasping the handle located inside the filter bag.
Move and turn the Piraya, so the bumper goes free from its safety locking against the transport trolley.

2 Uncoil the floating cable

and stretch it out by the pool.

3 Lower the Piraya

at the starting point, see page 3-4.
Hold the floating cable so the bumper is facing the pool wall.



AUTO PROGRAMS



Piraya has two automatic programs

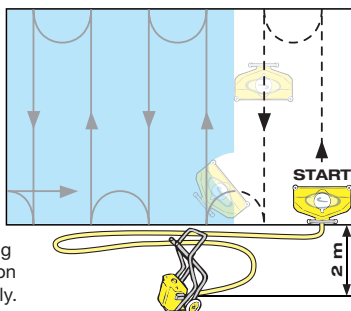
In both programs the Piraya moves in parallel lanes to the left. For optimal functionality, the pool's bottom and walls should be flat without any obstacles.

P1|P2 Program 1

For rectangular pools. The Piraya moves between two parallel walls.

Normally you start in the right corner of the pool.

The program finishes with the Piraya positioning itself at the pickup location and turns off automatically.



Cleaning time

50x25 m
Approx. 3 h

25x12 m
Approx. 1 h

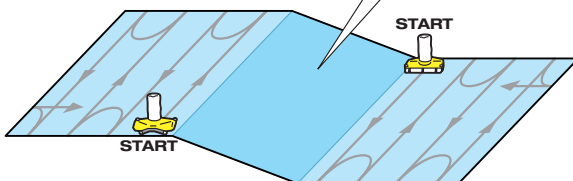
Pickup location

Pools with slope

may need to be divided. The auto program is used in the deep and the shallow end.

The start position shall be such that the slope is to the right of the Piraya.

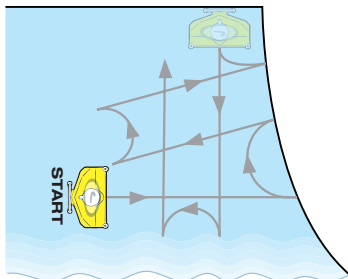
In the slope the Piraya is maneuvered with the remote control.



P1|P2 Program 2

In beach shaped pools, start the Piraya at a sufficient depth so the floating cable can float above the Piraya. The Piraya turns off automatically if the water is too shallow.

More info on page 4.



AUTO PROGRAMS



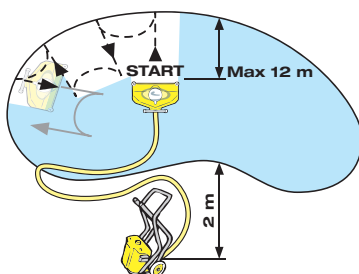
P1|P2 Program 2

For round- or freeform pools. The Piraya measures the distance from the start location and the wall.

The Piraya uses the measurement to calculate each route and program length.

It is normal with some course deviation when using Program 2.

Maneuver the Piraya to the center of the pool with the remote and press stop. Press forward to start the program.



START



1 Connect the plug

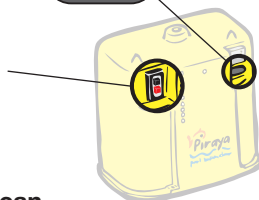


2 Select auto program



3 Turn on the switch

and the Piraya starts immediately in the selected auto program.



4 With the remote you can

easily maneuver the Piraya. When forward is pressed the selected auto program will always restart.

FORWARD - Press
STOP - Press quickly
BACK - Press when going forward

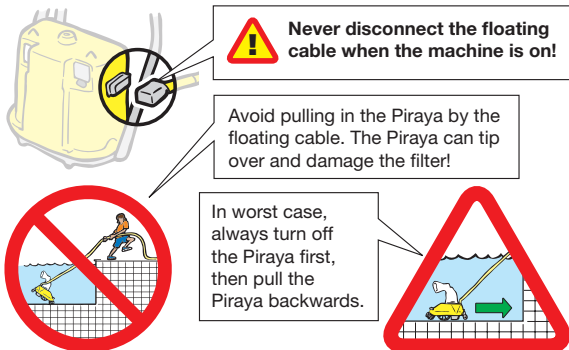
For drive uphill or obstacle.
Stop and then press a few seconds.



PICKUP GUIDE



- 1 Use the remote control if the Piraya** needs to be moved to the pickup location. Back up the bumper against the pool wall. **Then turn off the Piraya.**

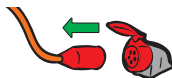


MAINTENANCE

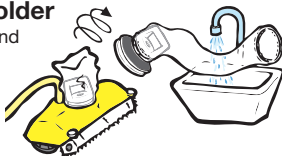


Always clean the Piraya directly after each use!

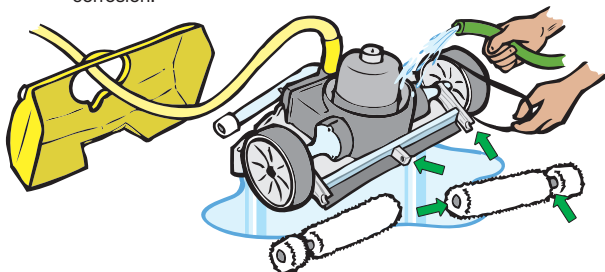
- 1 Unplug the power first**



- 2 Unscrew the filter holder** and open the filter by hand and rinse.



- 3 Lift off the hood** and rinse off to avoid corrosion!



- 4 Remove belts and brushes** to be able to clean the brush holder mounts, see arrows.

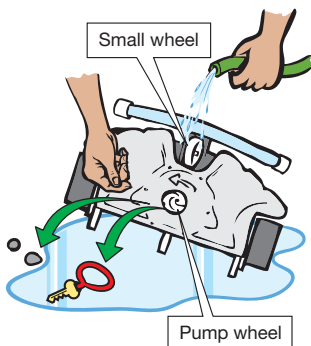
MAINTENANCE



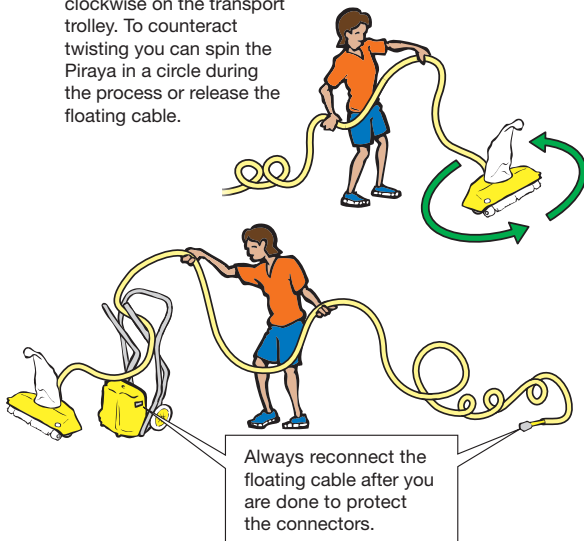
- 5 Turn the Piraya**
upside down and rinse
off the small wheel.

- 6 Check that**
the Pump wheel and
the Small wheel is free
from litter.

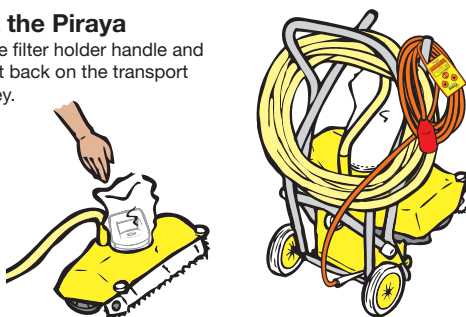
- 7 Reassemble**
the brushes, brush belts,
hood and filter.



- 8 Coil up the floating cable**
clockwise on the transport
trolley. To counteract
twisting you can spin the
Piraya in a circle during
the process or release the
floating cable.

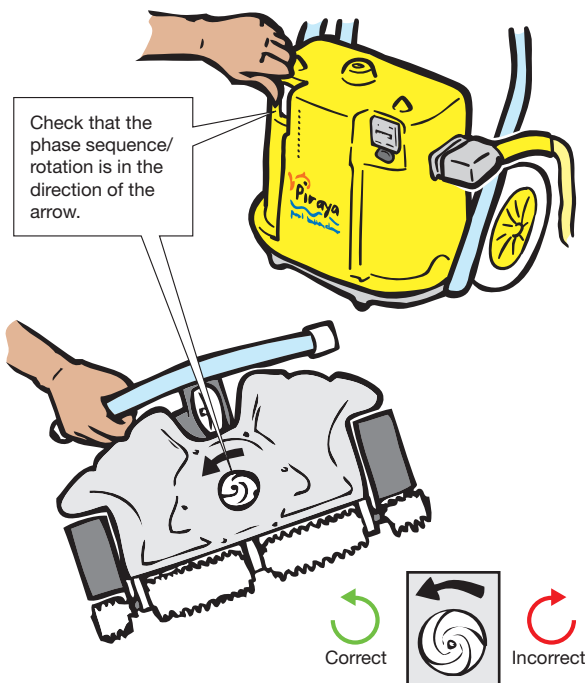


- 9 Lift the Piraya**
in the filter holder handle and
put it back on the transport
trolley.



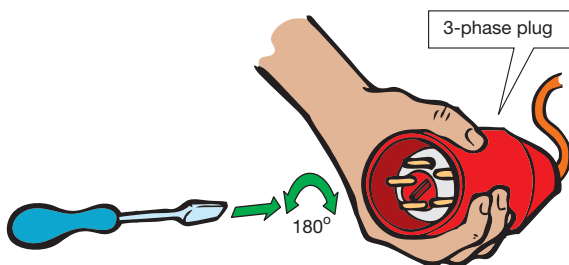
1 Verify the power outlet phase sequence

by turning the Piraya upside down so you can see the pump wheel through the hole in the bottom. Connect the plug to a power outlet and start. The pump wheel will spin shortly before it automatically shuts down.



2 If the phase sequence is wrong

you can easily change it with a screwdriver or your fingers to toggle the pins position.



The Piraya shuts down incorrectly

- The Piraya is not in the water..... Put it down in the water
- The floating cable connector is unplugged. Insert floating cable plug
- The pump wheel is blocked..... See page 6, No. 6
- Phase sequence is wrong..... See page 7, No. 1-2
- Linerpool..... See page 9

Does not manage to auto-turn

- Litter in the brush mounts..... See page 5, No. 4
- Too low drive power..... See page 9
- Linerpool..... See page 9

Deviates from the course in a rectangular pool

- Program 2 is selected..... Select program 1
- The drive wheels are worn/slippy..... Wheels must be replaced
- Floating cable is twisted..... Straighten it out

Program 1 does not get carried out properly

- Too high drive power..... See page 9
- The Piraya is started at wrong location..... See page 3
- Auto-turn has incorrect setting..... See page 9

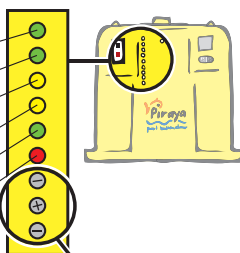
Runs a short distance and then auto-turns

- Program 2 is selected..... Select program 1
- 5th LED does not blink when driving..... Check small wheel
- Linerpool..... See page 9

If the problem persists..... Contact Piraya service

LED:s indicate

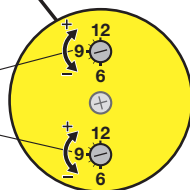
1. Power to the left drive wheel is on
2. Power to the right drive wheel is on
3. Forward drive is on
- Stop Mode
4. Reverse drive is on
5. Flashes when driving
6. Pump current is too high
(Lit only for 5 seconds)



Advanced settings

- Adjustment for drive power
- Adjustment for auto-turning

(Use a small screwdriver
Never turn past 12 or 6)



SPECIAL INFO



Drive power and Auto-turn

Adjustments can be necessary depending on the pool's bottom surface. The factory settings are adjusted for tiles, which counts as a slippery surface. If the pool is made of concrete it counts as a rough surface. Even liner, stainless steel and aluminum can be counted as rough surfaces, but the roughness can be different between pools with the same type of bottom surface. Algae can make all surfaces slippery.

To have a low wear, it is important that the drive power is not higher than necessary.

The effects from obstacles in the pool, such as valves sticking up or slopes, should not be mistaken for a rough surface, even if they can cause similar symptoms as too low drive power.

The program selector should be set to P1 to avoid confusing symptoms when adjusting.

Symptoms of too high drive power:

1. The Piraya stands for more than 1 second against the wall instead of alternating left/right drive to align itself.
2. The Piraya does not go back to the pickup position.
3. The drive wheels get worn/slippy quickly in tile pools.

Action: Reduce the drive power by turning the dial counter-clockwise in small steps until the Piraya does not manage to auto-turn. Then turn it up a millimeter clockwise. See page 8.

Symptoms of too low drive power:

1. The Piraya does not manage to auto-turn or starts to auto-turn when maneuvering with the remote control.



If this symptom occurs after a period of use in a particular pool, the first measure is to follow the steps on page 5, No. 4.

Action: Increase the drive power by turning the dial clockwise in small steps until the Piraya manages to auto-turn (Normal setting for tile surfaces is: 7 – 9. For concrete surfaces: 9 – 10). See page 8.

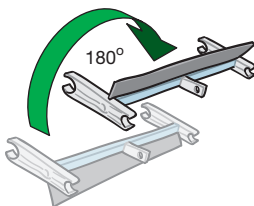
Auto-turn setting:

The Piraya should do a perfect half turn (180°). Reduce or increase the auto-turn by adjusting the dial counterclockwise or clockwise. See page 8.

Problem with linerpool:

The Piraya can shut off/get stuck if the liner gets sucked up against the Piraya.

Action: Turn the brush holder upside down, so the skirt is turned upwards instead of downward.



TECHNICAL DATA



Model	Piraya automatic 42V
Suction width	63 cm
Suction capacity	48 m ³ /h, 800 l/min
Rotating brushes	138 RPM
Filter	105 µm
Cleaning Capacity	350 m ² /h
Weight	15 kg
Weight in water	10 kg
Measurements (L×W×H)	41 × 63 × 33 cm
Speed	0,2 m/s
Maximum operating depth	10 m
Remote control	Radio or 30 m wire
Floating Cable Length	40 m or 25 m
Mains cable length	10 m
Mains voltage	400 V 3~ 50 Hz
Electric power	900 W
Operating voltage	42 V AC
Optional	Filter 50 / 210 µm
Optional	Outlet hose adapter



ENVIRONMENT



Contact us and we'll take care of the machine for proper recycling.



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