

Robotic pool cleaners for every pool

Adler Aqua **AA** · **AA Pro**



Autonomous cleaning of the floor, walls and waterline — no hoses, no pumps, no connection to the pool filtration system.

PRIVATE POOLS

HOTELS & SPA

VILLAS & RESIDENCES

COMMERCIAL SITES

01

The Adler Aqua range

Two robots for two classes of task

Adler Aqua are cordless floor-cleaning robots for swimming pools. The robot is lowered into the water, plans its own route and collects leaves, sand, silt and algae into a removable filter basket. It needs no hoses, no skimmer, no separate pump and no connection to the pool filtration system — just a charged battery.

The range has two models. AA covers private pools up to 300 m². AA Pro is designed for large pools up to 600 m², cleans walls and the waterline, is controlled from a smartphone and receives over-the-air firmware updates.

300 / 600M² POOL AREA**2.5 / 4**

HOURS RUNTIME

0.5–3

M DEPTH

IPX8

PROTECTION RATING

Key features of the range**01 Fully cordless operation**

No hoses, cables or connection to the pool filtration. The robot is lowered into the water and started with one button.

02 Tracked omnidirectional chassis

Confident grip on tiles, mosaic, PVC liner and fibreglass; handles slopes and floor transitions.

03 Three brushless motors

Drive, water intake/discharge and brush unit work independently of each other. Brushless design means longer service life and higher efficiency.

04 Intelligent navigation

Gyroscope and inertial positioning, full-coverage route planning, obstacle avoidance and automatic self-extrication.

05 3.5 L filter basket

Removed from the top and rinsed under running water. Maintenance without tools and without opening the housing.

06 IPX8 protection and condition monitoring

Sealed housing, out-of-water sensor, motor overload and stall protection, LED indication of charge and mode.

Adler AI selects the equipment for each specific site, supplies it, commissions it, trains your staff and provides service throughout its entire service life.

02

Adler Aqua AA

Base model for pools up to 300 m²



MODEL AA

■ Up to 300 m² per cycle

Rated cleaning area for a typical private pool.

■ Up to 2.5 hours of runtime

5,200 mAh battery, full charge in about 2 hours.

■ Remote-control operation

Manual guidance to the required zone — no app or network setup needed.

Technical specifications

Type	Cordless floor-cleaning robot	Pool area	up to 300 m ²
Runtime	up to 2.5 hours	Charging time	about 2 hours
Battery	Li-ion 5,200 mAh	Battery voltage	22.2 V (≈115 Wh)
Operating depth	0.5 to 3 m	Travel speed	12 m/min
Power consumption	300 W ¹	Filtration fineness	180 μm ²
Filter basket	3.5 L, removable	Chassis	Tracked, omnidirectional
Motors	3 brushless	Control	Remote control
Mobile app	No	OTA updates	No
Protection rating	IPX8	Water temperature	+10 to +40 °C
Charger	100–240 V → 25.2 V / 5 A	Housing colour	Yellow / red / light blue
Package dimensions	66 × 56 × 59 cm	Warranty	12 months

AA is the sensible choice for a regular-shaped private pool up to 300 m², where the floor needs regular cleaning without daily involvement from the owner.

03

Adler Aqua AA ProHeavy-duty model for pools up to 600 m²**MODEL AA PRO**■ **Up to 600 m² and 4 hours of runtime**

10,400 mAh battery, about 262 Wh of stored energy.

■ **Wall and waterline cleaning**

Climbs the walls and cleans the waterline without lifting the robot out of the pool.

■ **App and OTA**

Start, mode selection and scheduling from a smartphone; firmware is updated over the air.

Technical specifications

Type	Cordless floor-cleaning robot	Pool area	up to 600 m ²
Runtime	up to 4 hours	Charging time	about 4 hours
Battery	Li-ion 10,400 mAh	Battery voltage	25.2 V (≈262 Wh)
Operating depth	0.5 to 3 m	Travel speed	12 m/min
Power consumption	300 W ¹	Filtration fineness	180 µm ²
Filter basket	3.5 L, removable	Cleaning zones	Floor, walls, waterline ³
Cleaning modes	4 modes	Chassis	Tracked + rear thruster
Control	App + remote control	OTA updates	Yes
Protection rating	IPX8	Water temperature	+10 to +40 °C
Charger	100–240 V → 25.2 V / 3 A	Housing colour	Yellow / red / light blue
Package dimensions	66 × 56 × 39 cm	Warranty	12 months

Cleaning modes

- **Smart** — the robot starts with the walls and waterline and switches to the floor when the charge drops below 50 %.
- **Floor** — S-shaped pattern with full coverage of the pool floor.
- **Walls** — U-shaped pattern along the vertical surfaces.
- **Classic** — floor and walls cleaned together along a radial pattern.

04

Model comparison

AA or AA Pro – which to choose

PARAMETER	AA	AA PRO
Recommended pool area	up to 300 m ²	up to 600 m ²
Runtime	up to 2.5 hours	up to 4 hours
Battery capacity	5,200 mAh	10,400 mAh
Battery voltage	22.2 V	25.2 V
Stored energy	≈115 Wh	≈262 Wh
Charging time	≈2 hours	≈4 hours
Wall and waterline cleaning	—	Yes ³
Mobile app	—	Yes
OTA updates	—	Yes
Remote control	Yes	Yes
Operating depth	0.5–3 m	0.5–3 m
Filter basket volume	3.5 L	3.5 L
Package dimensions	66 × 56 × 59 cm	66 × 56 × 39 cm
Warranty	12 months	12 months

How to choose

Choose AA if

- the pool is up to 300 m², a simple rectangular or oval shape;
- floor cleaning is enough and walls are cleaned by hand;
- you need the lowest budget and simple remote-control operation.

Choose AA Pro if

- the pool is 300–600 m² or has a complex shape;
- wall and waterline cleaning is required;
- it is a commercial site — hotel, spa, aqua zone;
- scheduling, statistics and updates via the app matter.

Both models share the same 3.5 L filter basket, operating depth and maintenance routine. They differ in stored energy, cleaning area, wall cleaning and control method.

05

Scope of supply and conditions

Delivery, operation, notes

Scope of supply

- Adler Aqua robotic pool cleaner (AA or AA Pro);
- 100–240 V charger with mains cable;
- Extension hook for lifting the robot out of the pool;
- Removable 3.5 L filter basket (installed);
- Remote control;
- Operating manual and warranty card.

Operating conditions

Water temperature	+10 to +40 °C
Immersion depth	0.5 to 3 m
Pool surface	Tiles, mosaic, fibreglass, PVC liner, pebble finish
Pool shape	Flat floor; slopes and transitions are acceptable
Storage	Indoors in a dry place, battery charged to 40–60 %
Maintenance	Rinse the filter basket after every cycle

Notes to the specifications

¹ The 300 W power consumption is stated per supplier data and is subject to confirmation by a test report.

² Supplier documentation gives two filtration fineness values — 180 µm and 50 µm. This catalogue states the conservative value of 180 µm; the actual value is confirmed before each batch is shipped.

³ Wall and waterline cleaning is declared by the supplier for the AA Pro model. Results depend on pool shape, surface material and water level.

⁴ The specifications correspond to the supplier's specification at the date of this catalogue and may change. Exact parameters are fixed in the specification attached to the supply contract.

ADLER AI LLC

Solutions integrator for service and industrial robotics: equipment selection, supply, commissioning, staff training and after-sales service.

WEBSITE

adlerobot.com

EMAIL

info@adlerobot.com

PHONE

+7 962 882-74-54