

AQUA[®] FORTE

User Manual

Pond Vacuum Cleaner Pro With Pump



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1. Introduction

This information belongs exclusively to, and is inextricably linked to the Pond Vacuum Cleaner Pro. Without written permission it is not permitted to make any change to the pump or the accompanying documentation.

1.1. Purpose of this manual

The purpose of this manual is to help users understand the features and functions of the pond vacuum cleaner, and to provide guidance on how to use it safely and effectively.

The manual includes all relevant information on:

- [Safety \(on page 4\)](#) provides important information on how to use the product safely, including warnings and precautions that users should be aware of.
- [Product specifications \(on page 5\)](#) describes the dimensions, features and other relevant information about the product.
- [Installation Guidance \(on page 8\)](#) provides step-by-step instructions on how to install the product, including information on electrical connections, and positioning.
- [Operation \(on page 8\)](#) explains how to use the product, including how to set the temperature, how to turn it on and off, and how to adjust the settings.
- [Maintenance \(on page 10\)](#) provides guidance on how to keep the product in good working order, including information on cleaning and regular maintenance tasks.

Overall, the product manual is an essential resource for anyone who owns or operates a pond vacuum cleaner. By following the instructions and guidance provided in the manual, users can ensure that they can get the most out of their investment.

1.2. Target audience

This pond vacuum cleaner is a valuable investment for anyone cleaning their garden pond or needing to empty a large amount of water quickly. This manual is intended for anyone using this product.

1.3. Intended and non-intended use

CAUTION



Safety Hazard

Make sure that the pond vacuum cleaner is used according to the procedures described in this manual.

A pond vacuum cleaner is a device that sucks up dirt and debris from the bottom of a pond. However, it is important to understand both the intended and non-intended uses of a pond vacuum cleaner for this purpose. In all deviating situations, the manufacturer or an authorized dealer must be consulted in advance.

1.3.1. Intended Use

A pond vacuum cleaner serves several intended purposes:

- removing dirt and debris from pond bottoms;
- wet and dry cleaning around the home and garden.

1.3.2. Non-Intended Use

While this pond vacuum cleaner can be used for various purposes, there are also some non-intended uses that should be avoided. For example, this product is not suitable for professional use.

Additionally, this product should not be used for emptying ponds, pools or other containers.

By understanding both the intended and non-intended uses of this product, you can ensure that you are using the device in the most efficient and cost-effective way possible.

1.4. Reading guide

This manual contains important warnings and notes that highlight information relevant to the user:

WARNING



This section warns that there is a safety hazard.

Indicates a hazardous situation that could result in serious injury or death and/or serious damage to the product or environment if the safety instructions are not followed.

CAUTION



This section warns of a possibly hazardous situation.

Indicates a hazardous situation that could result in minor or moderate injury and/or damage to the product or environment if the safety instructions are not followed.



Information that is considered important but is not injury-related (e.g., information related to property damage).



Information that's useful for future use.



Information that is relevant to the context or understanding of the user.



Tips and tricks to make usage easier or more convenient.

1.5. Warranty

This product comes with a 24 month general product warranty starting at the date of purchase.

The warranty covers any defects in materials or workmanship under normal use and maintenance. If a defect arises during the warranty period, you should contact your dealer immediately.

To make a warranty claim, you must provide proof of purchase, the defective product and a description of the problem. The warranty does not cover damage caused by improper installation, unintended use, abuse, or neglect. It also does not cover normal wear and tear of wearable parts such as membranes and air chambers, or any damage caused by acts of nature such as lightning.



We take no responsibility for any damage to persons and objects caused by incorrect use of the device or by not observing these operating instructions.

This warranty is the sole and exclusive warranty for this pond vacuum cleaner. We make no other warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. In no event shall we be liable for any incidental, consequential, or special damages arising out of or in connection with the use or inability to use this product, even if we have been advised of the possibility of such damages.

2. Safety



This manual does not include site and/or country specific regulations, the installer of the drum filter is responsible for following the local rules and regulations.

We have provided important safety messages in this manual and on your device. Read all safety information and instructions. Failure to observe the safety information and instructions may result in electric shock, fire and serious injury. Keep all safety information and instructions for future reference.

2.1. Warnings

DANGER

Electrical hazard



- BEFORE cleaning the product, shut off the power!
- Normal users MUST NEVER attempt to service or open the product cover!
- If the device is malfunctioning, contact your nearest dealer or service center.
- Never touch the plug with wet hands.
- Always ensure the plug and socket are completely dry before use.

CAUTION



- Packing parts (e.g. plastic bags) may be dangerous. Therefore, store away from children, domestic animals and anyone incapable of understanding the dangers. This device is not a toy.
- Never leave the device unattended.
- When the device is switched on, do not hold the suction nozzle close to sensitive body parts like eyes, ears or mouth.



Service and/or disposal MUST be carried out by people with proven expertise.

2.2. Safety information

- Only operate the device with the voltage and frequency requirements show in the [product specifications \(on page 5\)](#).
- The device should be grounded while in use to protect the operator from electric shock.
- If the device falls into the water, don't reach for it. First unplug it and then retrieve it. The device must be checked by a qualified technician.
- Carefully examine the device after installation. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid any hazards.
- Don't carry the device by the power supply cord. Disconnect the plug of the device when it is not in use, before putting on or taking off parts or before cleaning.
- Periodic maintenance (see chapter [Maintenance \(on page 10\)](#)) of the appliance is necessary.
- During operation, if the sound is interrupted or anything abnormal occurs, immediately unplug the power cord from the outlet and contact your dealer or an Authorized Service Center.
- Repairs may only be carried out by a trained service technician. If repairs are required, please contact the nearest after-sales service centre. Any repairs should be performed in strict accordance with this manual.
- Switch off the product during installation of and/or repairs to the product.
- Never carry or pull the device by the power cable or hose.

3. Product specifications

Motor	1200W
Rated voltage	230V~50Hz
Power cable length	4.0m
Tank capacity	35L
Discharge hose	Ø38mm, 1.2m long
Suction hose	Ø35mm, 4.0m long
Pump max. flow	11,500L/h
Pump max. head	7m



This device is suitable for sucking water with a maximum temperature of 35 degrees.

3.1. Features

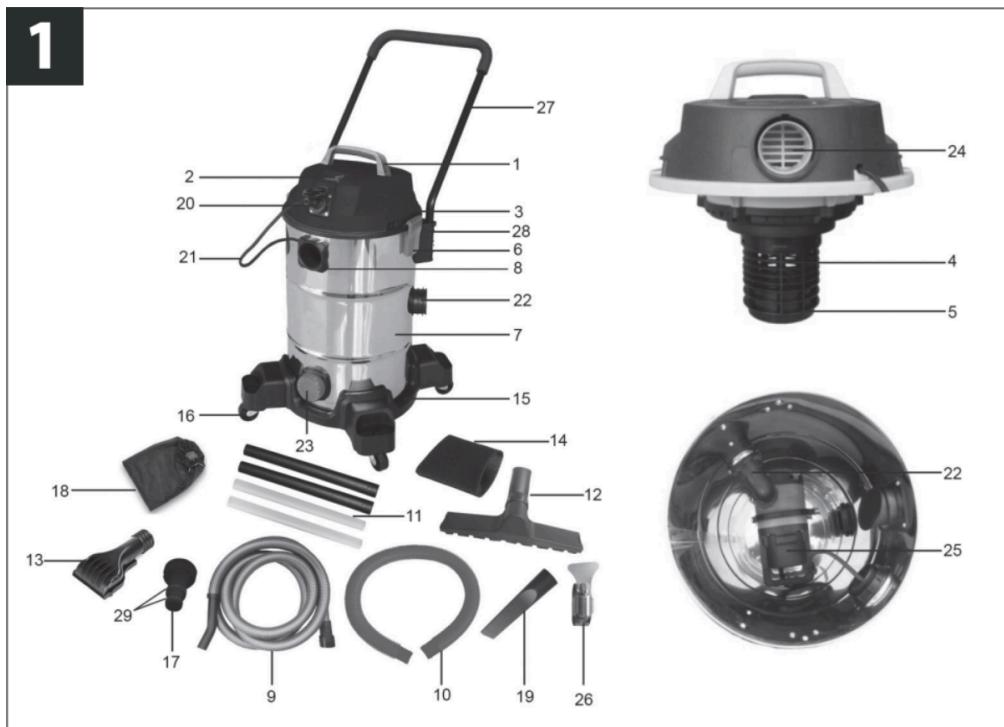


Figure 1. Features (1)



Figure 2. Features (2)



Figure 3. Features (3)



Figure 4. Features (4)

Dark blue porous 'leaf collector' bag (Figure 1: Features (1) (on page 6), pos. 18) fits onto inlet inside vacuum chamber.



Figure 5. Features (5)



Figure 6. Features (6)



Figure 7. Features (7)

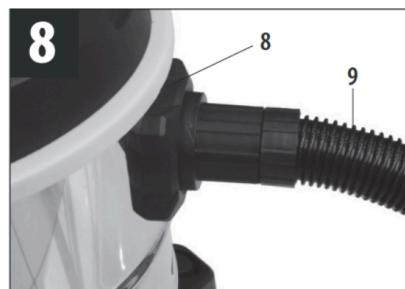


Figure 8. Features (8)



Figure 9. Features (9)



Figure 10. Features (10)

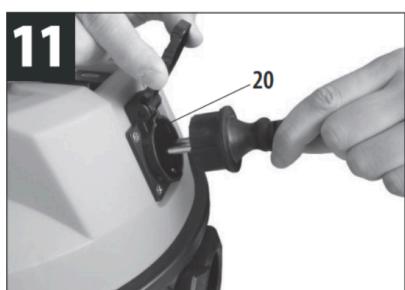


Figure 11. Features (11)

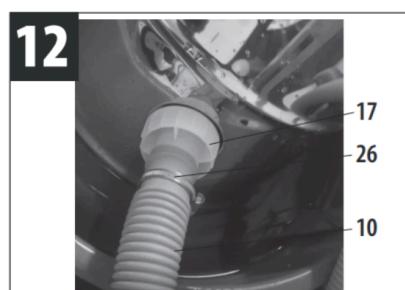


Figure 12. Features (12)

No.	Description	No.	Description	No.	Description
1	Handle	11	Suction tube extensions* (4 pcs) (48.5cm long)	21	Pump cable
2	ON/OFF switch	12	Universal nozzle for ponds & liquids	22	Pump discharge connection
3	Motor head	13	Pond cleaning nozzle for general use (2-10mm)	23	Drain cap

No.	Description	No.	Description	No.	Description
4	Filter cage	14	Filter sponge for motor protection	24	Blow connector
5	Safety float valve	15	Wheels base	25	Pump (600W)
6	Lid locking clips	16	Wheels (4 pcs) + screws (4 pcs)	26	Hose clamp (27-51mm) (1 pcs)
7	Main body collection tank	17	Waste connector hose (32/38mm)	27	Push bar
8	Entry hole for suction hose plug-in connector	18	Dark blue dirt collection bag to attach to hose inlet (inside chamber to catch leaves)	28	Push bar mount
9	Suction hose (Ø35mm, 4.0m long)	19	Crevice nozzle for cleaning gaps and edges	29	O-ring (2 pcs)
10	Discharge hose (Ø38mm, 1.2m long)	20	Socket for waste pump		

*Two suction tube extension pieces are transparent for flow-through control.

4. Installation Guidance

⚠ CAUTION



- Do not connect the pump to any other voltage than that shown on the rating label of the pump.
- Do not use the power cord coiled to avoid induction problems.

4.1. Setup

Refer to the image below for the correct setup for using the pond vacuum cleaner.

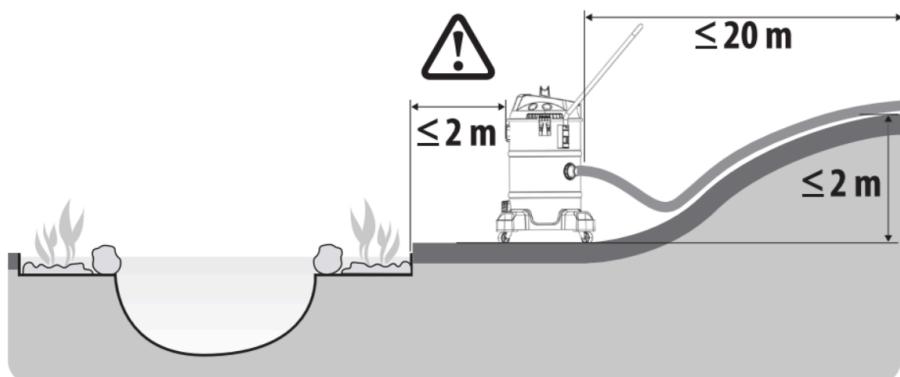


Figure 13. Placement

5. Operation

⚠ CAUTION



- Do not suck up flammable, explosive, poisonous or health hazardous materials with the device.
- During operation, if the sound is interrupted or anything abnormal occurs, immediately unplug the power cord from the outlet and contact your dealer or an Authorized Service Center.
- Before emptying the vessel, switch off the device and remove the plug from the outlet.
- Do not turn on the power until the inlet hose is submerged in water.

5.1. Before first use

1. Read the operation instructions thoroughly.
2. Remove all the accessories and packages from the box and inside the main body collection tank ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 7).
3. Check before and after use that the switch ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 2) is in the OFF (0) position.
4. Always use the device with the correct filter insert suitable for the relevant application (filter sponge ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 14) for wet usage).
5. Insert the push bar ([Figure 3: Features \(3\) \(on page 6\)](#), pos. 27) into the push bar mounts ([Figure 3: Features \(3\) \(on page 6\)](#), pos. 28) of the tank.
6. Attach the handle with the two screws supplied ([Figure 5: Features \(5\) \(on page 7\)](#)).
7. Fit the wheels on the wheel base ([Figure 6: Features \(6\) \(on page 7\)](#)).

5.2. Operating mode

Switch position 0	The motor is off.
Switch position I	The motor is on.

5.3. Pond cleaning

 When cleaning a pond, the device should be positioned at least 2 meters away from the water's edge.

 Always remove the plug from the outlet when the device is not in use.

1. Open the two locking clips ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 6) on the side of the collection tank ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 7) and remove the motor head ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 3).
2. Fit the filter sponge ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 14) over the filter cage ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 4).
3. Attach the dark blue porous bag ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 18) to the hose inlet inside the vacuum chamber ([fig. 4 \(on page 6\)](#)).
4. Place the motor head back onto the collection tank, making sure that the locking clips lock into place correctly. The electrical cable should be positioned on the opposite side to the suction hose plug-in connector hole ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 8).
5. Push the plug-in connector on the suction hose ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 9) into the connection hole on the top off the collection tank and lock the connection by a half turn to the right ([fig. 8 \(on page 7\)](#)).
6. Connect the required number of suction tube extensions ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 11) to the suction hose and attach the suction nozzle ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 12, 13 or 19) to the end of the suction tube extensions.
7. Plug in the plug connected to the discharge pump to the waste pump socket (20) located in the motor-head/on the lid of the product ([fig. 11 \(on page 7\)](#)).

 If the plug is not connector to the waste pump socket, the floating safety switch ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 5) closes when the maximum tank level is reached. When this happens, the suction noise of the device will become louder.

8. Screw the 32/38mm connector ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 17) securely onto the water discharge hole on the back of the collection tank.
9. Place the discharge hose ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 10) securely onto the 32/38mm connector, and use the clamp ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 26) to securely fix the hose with the connector ([Figure 12: Features \(12\) \(on page 7\)](#)). Ensure the 2 O-rings ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 29) are placed correctly on the connector ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 17).

10. Plug the device into the outlet.
11. Place the lance into the pond/water and then push the ON/OFF switch to position I (ON) to start the motor and begin cleaning.

↳ The motor and internal pump switch on and you can begin sucking up the dirty water. The device will operate on until switch to the OFF position (0).

12. Dirt and water should be thoroughly removed from the collection tank at the end of each use.

If the suction rate drops during operation, switch the power off, wait 10 seconds and turn it on again.

5.4. Blowing

1. Disconnect the pump from the socket ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 20).
2. Connect the suction hose ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 9) to the blow connector ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 24).

5.5. Draining water

The collection tank ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 7) is fitted with a water drain screw ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 23) for easier emptying after pond cleaning.

1. Open the water drain screw by turning it anti-clockwise.
2. Drain the liquid.
3. Close the water drain screw by turning it clockwise.

6. Maintenance

 CAUTION	
	<ul style="list-style-type: none">• Always ensure that the device is unplugged from the outlet before attempting any maintenance or cleaning.• Always switch off the vacuum cleaner and pull out the plug before cleaning the device.• Do not immerse the motor head into water for cleaning purposes and do not clean with a water jet.• Replacement of the electric cable is not possible. The device must not be operated in the case of a defective electric cable or housing.• Do not cut off the plug and do not shorten the cable.

- The vacuum cleaner requires little maintenance other than cleaning.
- Thoroughly clean the collection tank ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 7) and dirt collection bag ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 18) with water and mild household detergent.
- Check the suction hose ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 9), suction tube extensions ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 11) and drain hose ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 10) occasionally for possible blocking or dirt residues and clean when necessary.
- Carefully wash the filter sponge for the motor ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 14) with water and mild household detergent.
- When storing, ensure all parts are completely dry and store in a dry, frost-free area which is inaccessible to children.

6.1. Cleaning the check valve

1. Remove the pump discharge connector ([Figure 1: Features \(1\) \(on page 6\)](#), pos. 22) by turning it anti-clockwise.
2. Remove the 90° pump connector by turning it anti-clockwise.
3. Locate the check valve and clean it if there is waste or mud inside.



Figure 14. 90° pump connector



Figure 15. Check valve

7. Disposal



When disposing of your old device, please do so safely and properly to protect the environment and comply with local regulations.