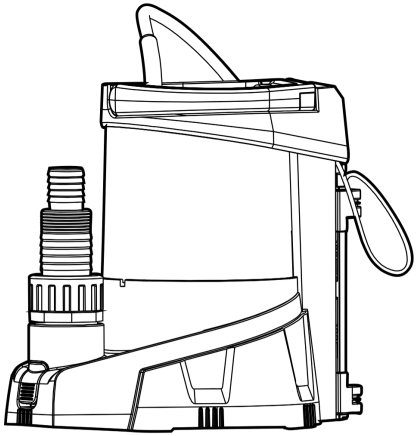
WATER HOUSE®
Pumps & Garden

AUTO DRAINAGE PUMP

WDA250

Submersible drainage pump · 250 W · 6 000 L/h



INSTRUCTION MANUAL

Read these instructions carefully before use and keep them for future reference.

WELCOME

Introduction

Thank you for purchasing the Waterhouse **WDA250 Auto Drainage Pump**.

Please read these instructions carefully before use and keep them for future reference. If you pass the pump on to someone else, give them this manual as well.

Before you start

- This is an electric submersible pump, designed for pumping clean water and similar applications.
- After unpacking, check that all parts are present and undamaged.
- If anything is damaged or missing, do not use the pump. Return it to your dealer.

Applications

- Draining basements and flooded areas. Placed at the bottom of a pump shaft, it keeps a basement free of seepage water.
- General water transfer and drainage around the home, garden and farm, and in similar settings.

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IMPORTANT

Safety instructions

DANGER – RISK OF ELECTRIC SHOCK
Failure to follow these safety instructions may result in fatal injury.

1. The pump must only be connected to a properly earthed socket outlet.
2. Never use the power cord to carry, lift or secure the pump.
3. Do not pull the power cord over sharp edges, and do not allow it to be crushed or pinched.
4. The mains voltage must match the voltage shown on the pump's rating plate.
5. To avoid hazards, installation and replacement of parts must be carried out by authorised service personnel only.
6. Electrical connections must be made by a qualified electrician in accordance with the applicable national wiring regulations.
7. Protect the power supply with a residual current device (RCD / earth leakage unit) with a rated tripping current not exceeding 30 mA.
8. Check the power cord and plug before each use. If the cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.

IMPORTANT

Safety instructions

9. This pump may be used by children aged 8 years and older, and by persons with reduced physical, sensory or mental capabilities or a lack of experience and knowledge, only if they are supervised or have been instructed in its safe use and understand the hazards involved. Children must not clean or maintain the pump without supervision.
10. The pumped liquid may become contaminated if lubricant leaks from the pump.
11. The pump may only be connected to a shock-proof (earthed) plug fitted in accordance with the regulations.
12. Never operate the pump while people are in the water.
13. Always unplug the pump from the mains before cleaning or servicing it.
14. Plug and extension cord connections must be watertight and must never be placed in water or on the ground. The socket outlet should be at least 60 mm above the ground.

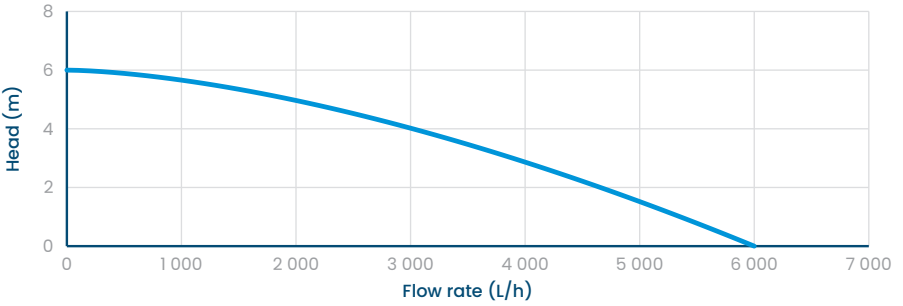
DANGER – DAMAGED CORD OR PLUG
Never attempt to repair a damaged power cord or plug yourself. Have it replaced by authorised service personnel.

PRODUCT DATA

Technical specifications

Model	WDA250
Rated voltage / frequency	230 V ~ 50 Hz
Rated power	250 W
Protection rating	IPX8
Max. delivery head	6 m
Max. flow rate	6 000 L/h
Max. immersion depth	7 m
Max. particle size	5 mm (soft particles only)
Lowest suction level	10 mm
Max. liquid temperature	35 °C
Hose connections	32 / 40 / 50 mm
Cable length	10 m
Guarantee	1 year

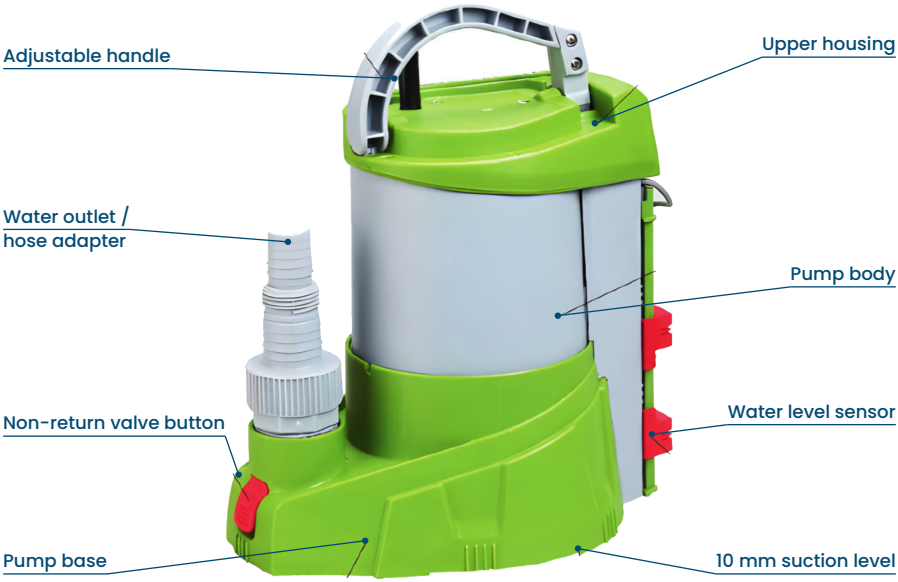
Performance curve



RISK OF DAMAGE TO THE PUMP
The maximum particle size applies to soft particles only. Do not pump gravel, stones or other hard particles.

KNOW YOUR PUMP

Product overview



Features

- Submersible pump with electronic water level sensor, for clean water.
- Adjustable start level, and switchable between automatic and manual operation.
- Foldable handle. With the handle upright, a step in the base lets the pump draw water down to very low levels.
- Pumps down to a water level of just 10 mm.
- Built-in non-return valve prevents backflow; press the button to drain remaining water from the pump.

SET-UP

Installation

STEP 1 Attach a rope

Before first use, tie a strong rope of sufficient length to the handle. The rope is used to lower the pump into the water and to keep it balanced once it is submerged.

STEP 2 Choose the location

- The pump needs a space of at least 60 × 60 cm.
- For the maximum immersion depth, see Technical specifications.
- Make sure the pump stands stable and that the suction inlet cannot be blocked by debris.

STEP 3 Set the water level sensor

The start level is set by the position of the sensor plug on the pump body. Before starting the pump, check the following:

1. The sensor is plugged firmly into one of the sensor sockets on the pump body.
2. The sensor's metal contacts are fully exposed and clean.

> ⚠ **CAUTION**
> If the sensor is not plugged into a socket on the pump body, the pump may fail to pump water or may run dry, which will damage it.

SET-UP

Connecting the discharge hose

- Screw the discharge pipe onto the outlet connector. Seal all threaded joints with thread-sealing tape.
- When using a hose, screw the correct hose adapter into the outlet connector.
- Push the hose firmly onto the hose adapter and secure it with a hose clamp.
- For occasional use, a suitable flexible hose is sufficient. For permanent installation, a rigid pipe with a check valve is recommended to prevent water from flowing back when the pump switches off.

ROPE HANDLING
Do not operate the pump on a rope without the discharge hose fitted, otherwise the pump may twist around its own axis. When the pump hangs on a rope for long periods, check the rope regularly, as it can wear and break over time.

Operation

1. Holding the rope, lower the pump into the water at a slight angle so that no air is trapped under the base and drawn into the pump.
2. Lower the pump slowly to the bottom. Once it is submerged, it can be repositioned if needed.
3. Tie off the end of the rope so that the pump can be handled while it hangs on the rope.
4. Plug the pump into the mains. The pump is now ready to operate.

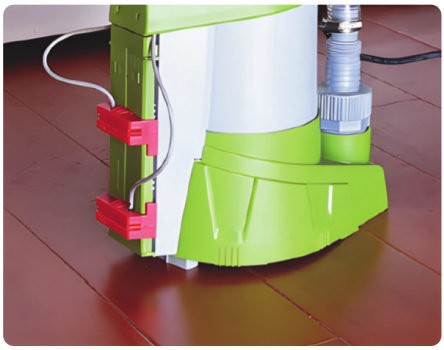
DO NOT PUMP
Corrosive, flammable or explosive substances (such as petrol, paraffin or thinners), grease, oil, salt water, sewage from toilets, or thick mud and sludge. The liquid temperature must not exceed 35 °C.

IN USE

Operation

KEEP THE SENSOR CLEAN

The sensor's metal contacts must be free of dirt. Dirty contacts can cause the pump to malfunction or fail to start.



Pump in position with discharge hose fitted.



Press the non-return valve button to drain the water remaining in the pump.



Pump in automatic mode, ready to start when the water reaches the sensor.

QUICK FIXES

Troubleshooting

Most problems can be solved easily. Before contacting us, check the table below. It may save you time and unnecessary costs.

Fault	Possible cause	Solution
Pump does not start	No power supply	Check the plug, the circuit breaker / earth leakage and the power supply.
	Sensor is not in the water	Make sure the sensor contacts are submerged.
	Sensor contacts are covered in dirt	Clean the sensor.
Pump runs but does not pump water	Inlet blocked	Clean the inlet.
	Discharge hose kinked	Straighten the hose.
Pump does not switch off	Conductive dirt on the sensor	Clean the sensor.
Flow rate too low	Inlet blocked	Clean the inlet.
	Abrasive particles have worn internal parts	Clean the pump and have worn parts replaced.
Pump switches off after a short time	Very dirty water has stalled the pump and the thermal protector has cut the power	Unplug the pump and clean it.
	Water temperature too high; the thermal protector has cut the power	Make sure the water temperature does not exceed 35 °C.

If the problem persists, contact Waterhouse on **011 466 8250**.

CARE

Cleaning and storage

ALWAYS UNPLUG FIRST
Disconnect the pump from the mains before any cleaning or maintenance.

Cleaning

1. Clean the outside of the pump.
2. Rinse it with clean water. Use a brush and a mild detergent to remove stubborn dirt.
3. To flush the inside, place the pump in a container of clean water and let it run for a short while.

TIP
Clean the pump before each use so that dirt left over from the last job cannot affect its operation.

Storage

If there is any risk of frost, remove the pump and its accessories, clean them and store them in a frost-free place.

RISK OF DAMAGE FROM FROST
Frost will damage the pump and its accessories, because they always contain some water.

Auto Drainage Pump

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Waterhouse South Africa
Tel: 011 466 8250 | www.waterhouse.co.za

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