WATER HOUSE®
Pumps & Garden

AUTOMATIC PUMP CONTROL UNIT

DSK-9.1

230 V | 1.1 kW product designation

Automatic water pressure system control

INSTRUCTION MANUAL

Read carefully before installation and keep for reference.

WELCOME

Introduction & specifications

Thank you for choosing the Waterhouse DSK-9.1 Automatic Pump Control Unit. The unit is intended to automate the starting and stopping of a compatible water pump according to water demand.

Technical specifications

Model	DSK-9.1
Supply	230 V, single-phase
Product title rating	1.1 kW
Maximum pump power (description)	1500 W
Start threshold (listing)	Pressure below 1.5 bar
Maximum pressure	6 bar
Inlet / outlet	1 inch / 25 mm BSP thread
Non-return valve	Built in

> **SPECIFICATION NOTE**
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> The product title identifies the unit as 1.1 kW, while the product description lists a maximum pump power of 1500 W. Verify the rating on the actual unit before selecting a pump.

IMPORTANT

Safety & installation

DANGER - ELECTRIC SHOCK

This is a mains-voltage electrical accessory. Isolate the power before installation, inspection or maintenance. Have electrical connections completed by a suitably qualified person in accordance with local regulations.

Before installation

- Confirm the pump is compatible with the control unit and its electrical ratings.
- Inspect the control unit, cable connections and pipe threads for damage.
- Check that the water system does not exceed the stated 6 bar maximum pressure.
- Confirm the flow direction and correct orientation from the markings on the actual unit.
- Ensure pipework is properly supported and joints are watertight.

Connection information

The product listing identifies 1 inch / 25 mm BSP inlet and outlet connections and a built-in non-return valve. A verified electrical wiring diagram, mounting orientation and commissioning sequence were not available from the linked manual.

DO NOT GUESS WIRING

Do not connect live, neutral, earth or pump terminals using an assumed diagram. Use the original manufacturer wiring markings and instructions, or ask a qualified installer to verify them.

IN USE

Operation & troubleshooting

The product listing describes automatic starting and stopping in response to water demand. It states that the pump starts when pressure falls below 1.5 bar and stops when water runs out or pressure rises above 1.5 bar. The precise stop logic should be checked against the manufacturer instructions before commissioning.

If something goes wrong

Pump does not start

Check the supply, demand for water and any tripped protective device. Have electrical connections checked by a qualified technician.

Pump runs continuously

Check for leaks, open outlets or a pressure problem. Switch off if operation appears abnormal.

Pump cycles repeatedly

Inspect the water system for leaks or fluctuating demand; confirm the pump is compatible with the controller.

Pump stops unexpectedly

Check water availability and possible protection activation. Do not repeatedly restart a dry pump.

Care and storage

Isolate electrical power before cleaning. Keep the exterior and electrical connections dry and free of debris. Do not dismantle or modify the unit. Store in a dry, protected location.

> **NEED HELP?**
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> For product assistance contact Waterhouse on 011 466 8250 or visit www.waterhouse.co.za. For wiring or commissioning, consult the manufacturer documentation and a qualified installer.