Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Gardena 1438-20

Gardena 1438-20 Inox 7000/5 Multi 4 Garden Pump Instruction Manual

1. Product Overview

The Gardena 1438-20 Inox 7000/5 Multi 4 Garden Pump is a robust and efficient solution for various water transfer tasks. This pump is engineered for quiet operation, featuring a durable three-stage pump rotor and high-quality stainless steel impellers. It is suitable for irrigation, pressure boosting, and the transfer of tap water, rainwater, and chlorinated swimming pool water. The pump delivers a maximum pressure of 5.0 bar and boasts a flow rate of 7000 liters per hour, with a maximum lift height of 50 meters. Key safety features include a double sealing system between the motor and pump drive, and an automatic thermal overload protection switch for the maintenance-free capacitor motor. The design incorporates a large filling opening for easy priming without a funnel, and a water drain screw for convenient emptying to prevent frost damage. Three integrated rubber feet ensure stable positioning and reduce operational noise and vibrations.



Image 1.1: Gardena 1438-20 Inox 7000/5 Multi 4 Garden Pump, a grey and stainless steel unit with visible connections.

2. Safety Instructions

Before operating the Gardena 1438-20 Inox 7000/5 Multi 4 Garden Pump, please read and understand all safety instructions. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Ensure the power supply matches the pump's specifications. Always connect the pump to a properly grounded outlet. Do not operate the pump with a damaged power cord or plug. Avoid using extension cords unless absolutely necessary and ensure they are rated for outdoor use and the pump's power requirements.
- **Substance Restrictions:** This pump is designed for water only. **Do not transport salt water, aggressive or highly flammable substances, or foodstuffs.** Pumping such substances can damage the pump and create hazardous conditions.
- **Operating Environment:** Do not operate the pump in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust. Keep the pump away from children and unauthorized persons.
- **Personal Safety:** Always wear appropriate personal protective equipment, such as safety glasses, when operating the pump. Disconnect the pump from the power supply before performing any maintenance or cleaning.
- **Overload Protection:** The pump is equipped with an automatic thermal overload protection switch. If the pump stops unexpectedly, allow it to cool down before attempting to restart.

3. Setup

1. **Positioning:** Place the pump on a firm, level surface. The three integrated rubber feet are designed to reduce noise and vibrations, ensuring stable operation. Ensure adequate ventilation around the pump.
2. **Connecting Hoses:**
    - Connect the suction hose to the pump's inlet. Ensure a tight, airtight connection to prevent air from entering the pump, which can affect performance.
    - Connect the discharge hose(s) to the pump's outlet. The pump features a double outlet, allowing for the simultaneous use of two connection devices without an additional distributor. The connection thread is 33.3 mm (G 1).
3. **Priming the Pump:** Before first use, the pump must be filled with water. Use the large filling opening on top of the pump; no funnel is required. Fill the pump body completely with water until it overflows.
4. **Electrical Connection:** Connect the 1.5-meter H07 RNF connection cable to a suitable, grounded power outlet. Ensure your hands are dry before handling the plug.

4. Operating Instructions

1. **Starting the Pump:** After ensuring the pump is properly primed and all connections are secure, plug the pump into the power outlet. The pump will start automatically.
2. **Monitoring Operation:** Observe the pump during its initial operation to ensure it is functioning correctly and that there are no leaks. The pump should operate quietly due to its design.
3. **Stopping the Pump:** To stop the pump, simply unplug it from the power outlet.
4. **Simultaneous Use:** Utilize the double outlet to connect two devices simultaneously, such as a sprinkler and a hose, optimizing your watering tasks.

5. **Overload Protection:** If the pump overheats due to prolonged use or blockage, the automatic thermal overload protection will activate, shutting down the pump. Allow the pump to cool down for approximately 20-30 minutes before attempting to restart. Identify and resolve the cause of the overload if it recurs.

5. Maintenance

Regular maintenance ensures the longevity and optimal performance of your Gardena garden pump.

- **Cleaning:** Periodically clean the exterior of the pump with a damp cloth. Do not use harsh detergents or solvents.
- **Winterization (Frost Protection):** Before the first frost, it is crucial to completely drain the pump to prevent damage from freezing water. Use the water drain screw, which can be easily opened without tools, to empty all water from the pump body. Store the pump in a frost-free environment.
- **Check Connections:** Regularly inspect all hose connections for tightness and wear. Replace worn seals or hoses as needed to maintain an airtight system.
- **Motor:** The capacitor motor is maintenance-free. No lubrication or other servicing is required for the motor itself.

6. Troubleshooting

If you encounter issues with your Gardena 1438-20 Inox 7000/5 Multi 4 Garden Pump, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Pump does not start.	No power supply; Thermal overload protection activated; Motor fault.	Check power connection and outlet. Allow pump to cool down if it was running. If problem persists, contact customer support.
Pump runs but no water is delivered or flow is weak.	Pump not primed; Air in suction line; Suction hose blocked or leaking; Water source empty; Impeller blocked.	Ensure pump is fully primed. Check all suction line connections for airtightness. Clear any blockages in the suction hose. Verify water source. Disconnect power and inspect impeller for debris.
Pump is excessively noisy or vibrates.	Air in pump/suction line; Pump not stable; Foreign object in pump.	Re-prime the pump and check suction line for leaks. Ensure pump is on a stable, level surface. Disconnect power and inspect pump for foreign objects.
Water leaks from connections.	Loose connections; Damaged seals or hoses.	Tighten all hose connections. Inspect and replace any damaged seals or hoses.

7. Specifications

Feature	Detail

Feature	Detail
Model Number	1438-20
Brand	Gardena
Power	1400 Watt
Maximum Flow Rate	7000 Liters Per Hour
Maximum Lift Height	50 Meters
Maximum Pressure	5.0 bar
Power Source	Corded Electric
Material	Stainless Steel
Color	Grey
Product Dimensions (L x W x H)	26 x 30 x 26 cm
Item Weight	14 Kilograms
Connection Thread	33.3 mm (G 1)
Connection Cable	1.5 meters H07 RNF

8. Warranty and Support

The Gardena 1438-20 Inox 7000/5 Multi 4 Garden Pump comes with a**2-year warranty** from the date of purchase. This warranty covers manufacturing defects and material faults under normal use conditions.
For warranty claims, technical assistance, or spare parts, please contact Gardena customer support. Keep your proof of purchase for warranty validation.
You can find contact information for Gardena customer service on their official website or through your local retailer.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for

conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0001E3SEK

More documents and user manuals: **https://manuals.plus/**