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› Metabo HWW 3300/25 G Domestic Water Station (600968000) - 900W, Max Flow: 3300 l/h, Max Head: 45m

## Metabo HWW 3300/25G

# Metabo HWW 3300/25 G Domestic Water Station Instruction Manual

Model: HWW 3300/25G

## 1. PRODUCT OVERVIEW

The Metabo HWW 3300/25 G Domestic Water Station is designed for automatic water supply, garden irrigation, groundwater transport, and for pumping, draining, and circulating clear water. This manual provides essential information for safe and efficient operation.



Image 1.1: Metabo HWW 3300/25 G Domestic Water Station. This image shows the complete unit, featuring a green pressure tank at the bottom and a silver pump housing with a black motor unit on top. A black handle is integrated into the motor for portability.

## 2. SAFETY INSTRUCTIONS

Always adhere to the following safety guidelines to prevent injury and damage to the unit.

- Read the entire manual before operation.
- Ensure the power supply matches the specifications on the product label.
- Do not operate the pump with flammable or corrosive liquids.
- Protect the unit from frost. Use the tool-free drain plug to empty water before freezing temperatures.
- Do not run the pump dry.
- Keep children and unauthorized persons away from the operating area.
- Disconnect from power before any maintenance or cleaning.

## 3. COMPONENTS

Familiarize yourself with the main components of the Metabo HWW 3300/25 G:

Für die automatische Wasserversorgung, zur Gartenbewässerung, Grundwasserförderung sowie zum Fördern, Auspumpen und Umwälzen von Klarwasser

Für Einphasen-Wechselstrom

Wartungsfreier Kondensatormotor

Für die Gartenbewässerung mit 1 oder 2 Regnern

Druckkessel für energiesparendes und geräuscharmes Bereitstellen von Wasser

Überlastschutz schützt den Motor vor Überhitzung

Druckschalter für automatische Aktivierung des Hauswasserwerks

Separate Wasser-Einfüllöffnung für einfache Inbetriebnahme der Pumpe

Hochwertiges Gleitringdichtungssystem für lange Lebensdauer

Werkzeuglose Wasser-Ablassschraube zum Schutz bei Frostgefahr



Image 3.1: Labeled diagram of the Metabo HWW 3300/25 G. Key components include the maintenance-free capacitor motor, pressure vessel for quiet water supply, pressure switch for automatic activation of the domestic water station, tool-free water drain plug for frost protection, separate water filling opening for easy commissioning, high-quality mechanical seal system for long service life, and overload protection for the motor. The unit is designed for single-phase alternating current and suitable for garden irrigation with 1 or 2 sprinklers.

- **Pressure Vessel:** For energy-saving and quiet water supply.
- **Pressure Switch:** Automatically activates the pump based on water demand.
- **Capacitor Motor:** Maintenance-free operation.
- **Overload Protection:** Safeguards the motor from overheating.
- **Water Filling Opening:** Separate opening for easy initial filling.
- **Drain Plug:** Tool-free plug for draining water to prevent frost damage.
- **High-Quality Sealing System:** Ensures long product life.

## 4. SETUP

Follow these steps for proper installation and initial setup:

1. **Placement:** Position the water station on a stable, level surface, protected from direct weather exposure and frost. Ensure adequate ventilation.
2. **Connections:**
  - Connect the suction hose to the pump's suction inlet. Ensure the hose is airtight to prevent air intake.
  - Connect the discharge hose to the pump's discharge outlet.
  - Install the included non-return valve on the suction side to prevent water backflow.
  - Use the provided thread sealing tape on all threaded connections to ensure a watertight seal.

### 3. Priming the Pump:

- Open the separate water filling opening.
- Fill the pump housing completely with clear water until it overflows.
- Close the filling opening securely.

4. **Electrical Connection:** Connect the power cable to a suitable single-phase alternating current outlet (240 Volts). Ensure the circuit is protected by a residual current device (RCD).



Image 4.1: The Metabo HWW 3300/25 G Domestic Water Station set up on a wooden deck next to a pond, demonstrating a typical outdoor installation for garden irrigation or water transfer. The pump is connected to hoses, indicating its readiness for operation.

## 5. OPERATING INSTRUCTIONS

Once set up, the Metabo HWW 3300/25 G operates largely automatically.

### 1. Starting the Pump:

- Ensure the pump is primed (Section 4).
- Plug in the power cable. The pump will start automatically when water is drawn (e.g., by opening a tap or activating a sprinkler).
- The pressure switch will detect a drop in pressure and activate the pump to maintain water supply.

### 2. Applications:

- **Garden Irrigation:** Connect 1 or 2 sprinklers to the discharge outlet. The pump will maintain pressure for efficient watering.
- **Groundwater Extraction:** Use for drawing water from wells or cisterns for various uses.
- **Domestic Water Supply:** Can be integrated into a household water system for non-potable uses, reducing

reliance on municipal water.

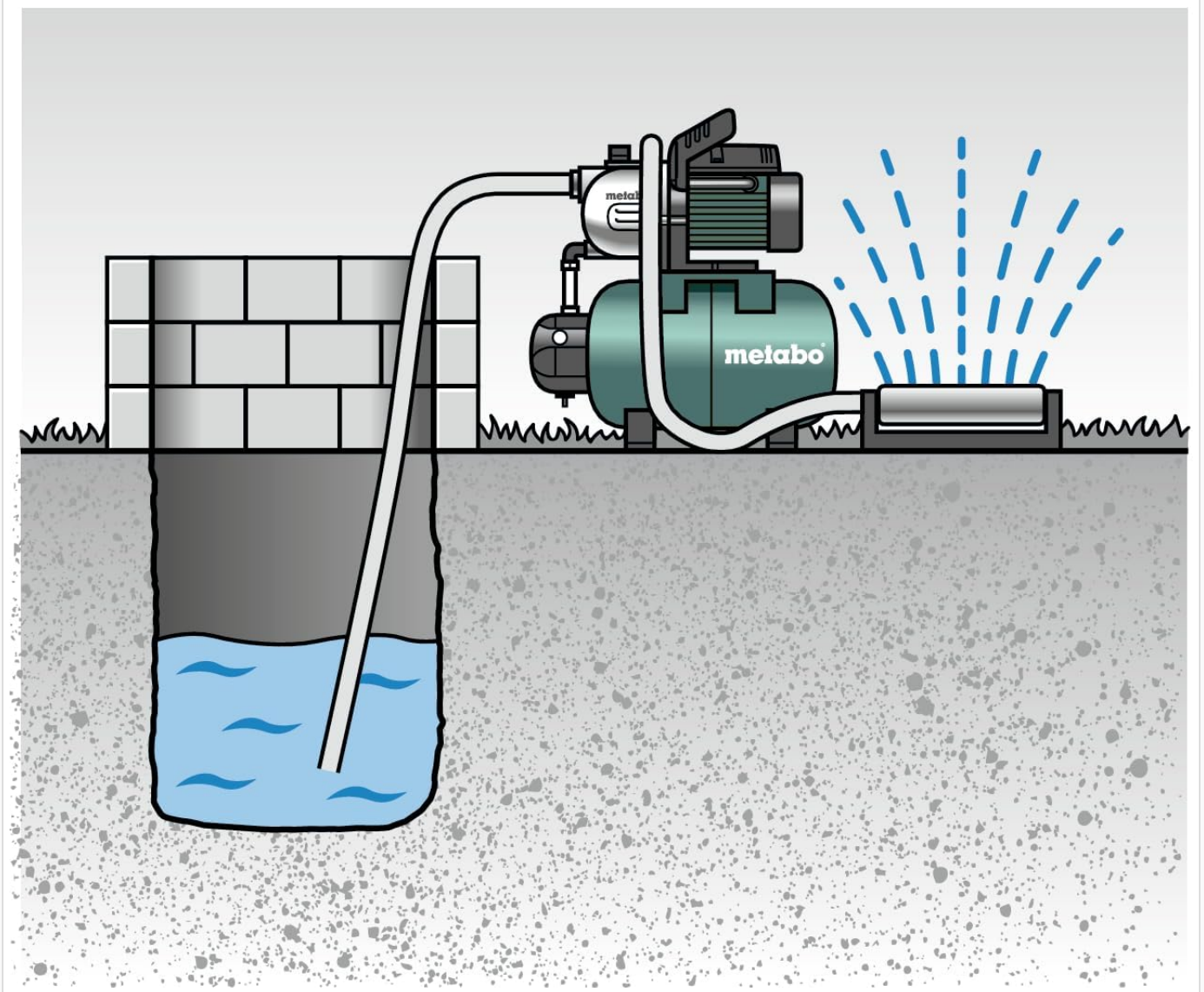


Image 5.1: Diagram illustrating the Metabo HWW 3300/25 G drawing water from a well for garden irrigation. The pump is positioned above ground, connected to a suction hose extending into the well and a discharge hose leading to a sprinkler system.

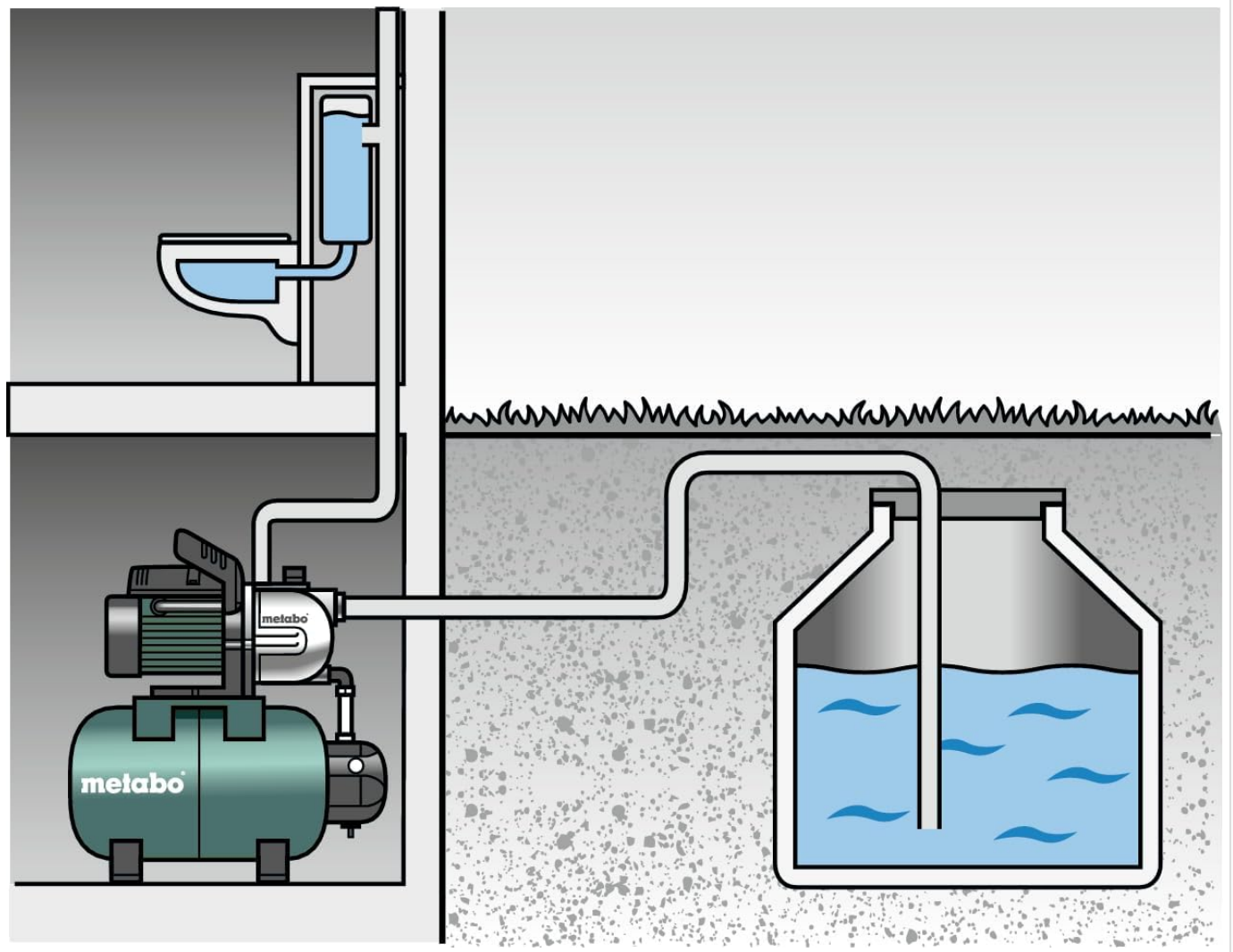


Image 5.2: Diagram showing the Metabo HWW 3300/25 G supplying water from an underground tank to a household. The pump is located in a basement or utility area, connected to the tank and the internal plumbing system, demonstrating its use for non-potable domestic water supply.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your water station.

- **Cleaning:** Periodically clean the exterior of the pump with a damp cloth. Do not use harsh detergents or solvents.
- **Frost Protection:** Before the first frost, completely drain all water from the pump and hoses using the tool-free drain plug. Store the unit in a frost-free environment if possible.
- **Check Connections:** Regularly inspect all hose connections and fittings for leaks. Tighten as necessary.
- **Motor:** The capacitor motor is maintenance-free. No lubrication is required.

## 7. TROUBLESHOOTING

Refer to the table below for common issues and their solutions:

| Problem             | Possible Cause                                | Solution                                                                                  |
|---------------------|-----------------------------------------------|-------------------------------------------------------------------------------------------|
| Pump does not start | No power supply; Motor overload; Air in pump. | Check power connection/fuse; Allow motor to cool, check for blockages; Re-prime the pump. |

| Problem                | Possible Cause                                                        | Solution                                                                            |
|------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Low pressure or flow   | Air in suction line; Clogged filter; Suction height too high.         | Check suction hose for leaks, re-prime; Clean filter; Reduce suction height.        |
| Pump runs continuously | Leak in system; Non-return valve faulty; Pressure switch malfunction. | Check all connections for leaks; Inspect/replace non-return valve; Contact service. |
| Water leaks from pump  | Loose connections; Damaged seal.                                      | Tighten connections; Contact service for seal replacement.                          |

## 8. SPECIFICATIONS

Detailed technical specifications for the Metabo HWW 3300/25 G:

| Feature                        | Value                                 |
|--------------------------------|---------------------------------------|
| Model Number                   | HWW 3300/25G (600968000)              |
| Nominal Power                  | 900 W                                 |
| Max. Flow Rate                 | 3300 l/h                              |
| Max. Discharge Head            | 45 m                                  |
| Voltage                        | 240 Volts                             |
| Material                       | Metal                                 |
| Item Weight                    | 16.2 Kilograms                        |
| Product Dimensions (L x W x H) | 63.2 x 51.8 x 29 cm                   |
| Included Components            | Non-return valve, Thread sealing tape |

## 9. WARRANTY AND SUPPORT

Metabo offers a standard warranty for its products. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Metabo website. For technical support, spare parts, or service inquiries, please contact Metabo customer service or an authorized service center.

*Note: Registering your product with Metabo may extend the warranty period.*

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