VEVOR DO-105

VEVOR 10.5KW Steam Shower Generator Instruction Manual

Model: DO-105

1. Introduction

This manual provides instructions for the installation, operation, and maintenance of the VEVOR 10.5KW Steam Shower Generator, Model DO-105. This unit is designed to produce steam for a personal steam bath environment, featuring segmented heating, temperature customization, and a 24-hour timer function. It is suitable for acrylic steam rooms up to 355 cubic feet.

Image 1.1: VEVOR 10.5KW Steam Shower Generator installed in a steam room, illustrating its application and capacity for 355 cubic feet rooms.

2. Safety Information

Read all instructions carefully before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** All electrical connections must be performed by a qualified electrician in accordance with local and national electrical codes. Ensure proper grounding.
- **Water Supply:** Connect to a clean water supply. Do not operate the unit without water.
- **Temperature:** The steam generator operates at high temperatures. Avoid direct contact with the steam nozzle during operation.
- **Ventilation:** Ensure the installation area is dry and well-ventilated.
- **Protection Features:** The unit includes built-in protections against overheating, water shortage, and overpressure. Do not bypass these safety mechanisms.

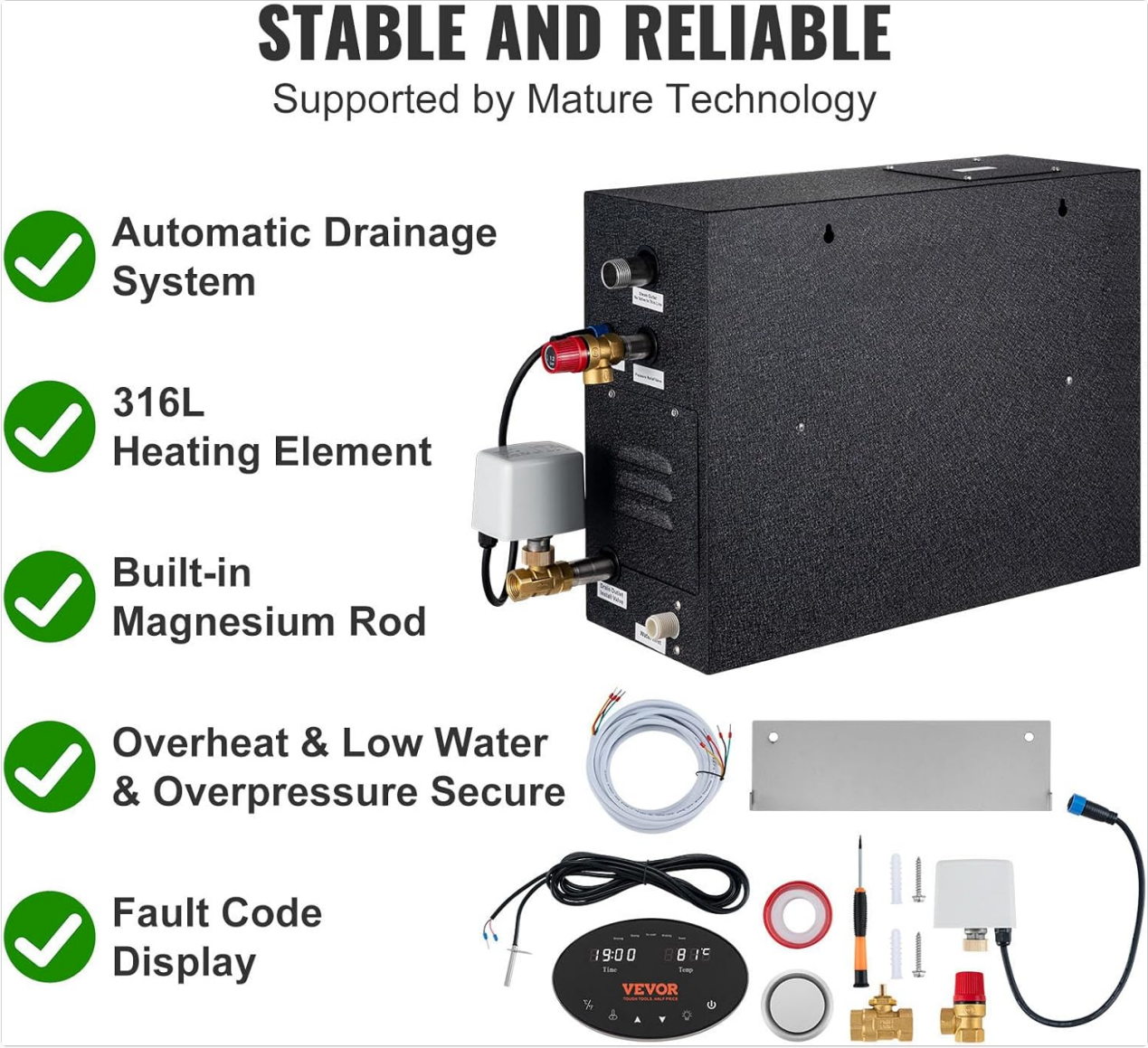

Image 2.1: Diagram illustrating key features such as automatic drainage, 316L heating element, built-in magnesium rod, overheat/low water/overpressure protection, and fault code display.

3. Package Contents

Verify that all items listed below are present in the package:

- 1 x Steam Generator Unit (Model DO-105)
- 1 x Controller
- 1 x Connection Line (for controller)
- 1 x Safety Valve
- 1 x Temperature Sensor
- 1 x Electric Valve
- 1 x Install Hanging Board
- 1 x Steam Nozzle
- 1 x Instruction Manual (this document)

Image 3.1: VEVOR 10.5KW Steam Shower Generator and its complete set of included accessories, including the control panel, wiring, safety valve, temperature sensor, electric valve, mounting board, and steam nozzle.

4. Specifications

Specification	Value
Item Model Number	DO-105
Applicable Space	Acrylic Steam Room of 355 Cu. Ft.
Power	10.5 kW (-10%, +5%)
Material (Shell)	Q235B Steel
Material (Liner)	Stainless Steel
Voltage	Two-Phase AC 230V 60Hz

Specification	Value
Wire Breaker	60A
Temperature Range	25-55℃ / 77-131℉
Operating Time	10 minutes to 24 hours
Net Weight (with accessories)	32.63 lbs / 14.8 kg
Product Dimensions	21.34 x 7.48 x 19.29 in / 542 x 190 x 490 mm

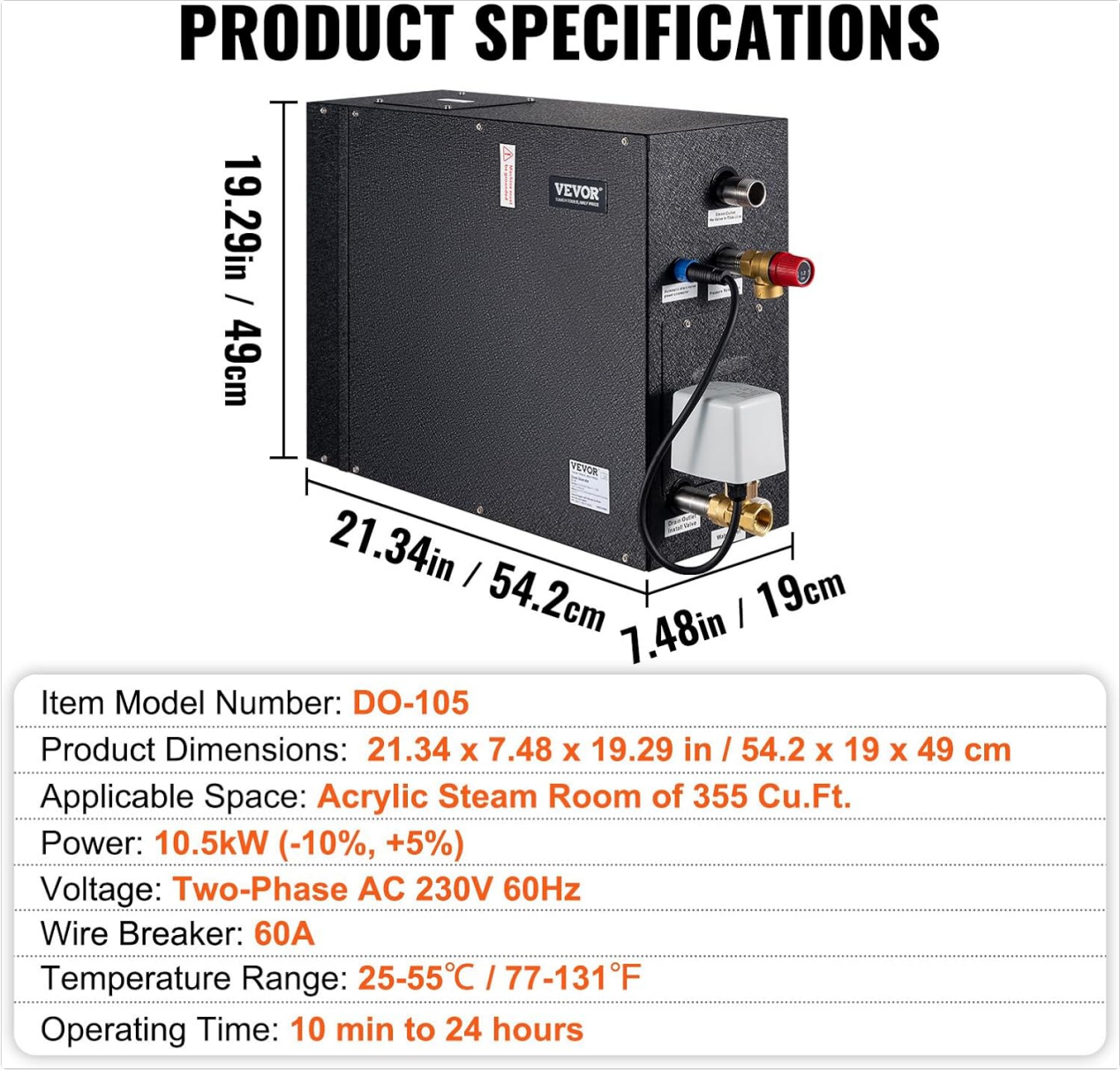

Image 4.1: Visual representation of the VEVOR steam generator's dimensions and a summary of its key technical specifications.

5. Installation

Installation should be performed by qualified professionals (electrician and plumber) to ensure safety and compliance with local codes.

5.1 Recommended Installation Locations

Install the steam generator in a dry, ventilated area. Recommended locations include: attic, basement, bathroom closet, under stairs, or under a bathroom sink. Position the unit as close as possible to the steam shower to minimize heat loss.

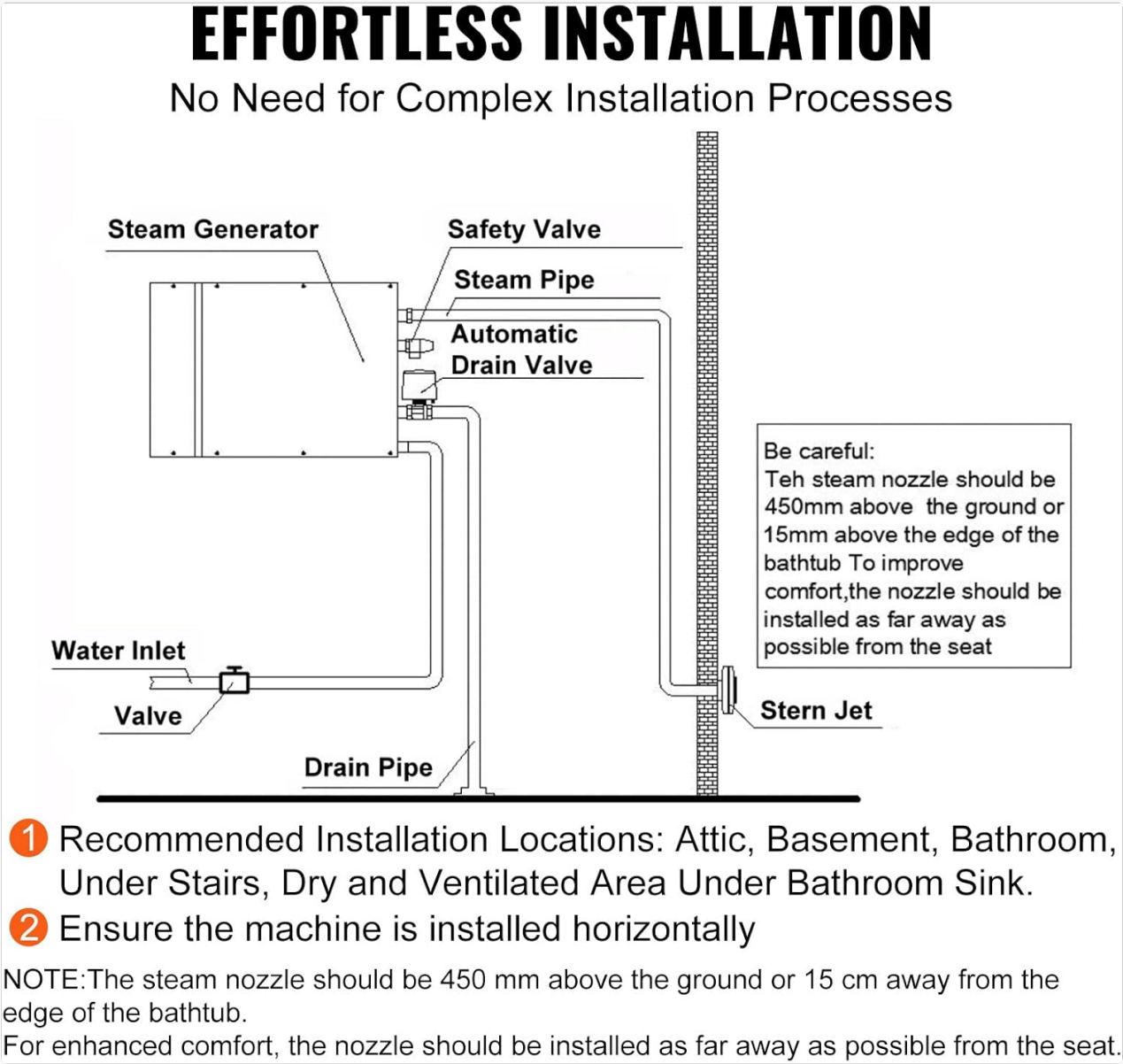

Image 5.1: Schematic diagram illustrating the recommended installation layout, including connections for water inlet, drain pipe, safety valve, steam pipe, and the optimal placement of the steam nozzle.

5.2 Plumbing Connections

1. **Water Inlet:** Connect a G1/2 inlet pipe to the designated water inlet on the unit. Ensure a shut-off valve is installed for maintenance.
2. **Steam Pipe:** Connect a G3/4 steam pipe from the generator to the steam nozzle inside the shower enclosure.
3. **Drain Pipe:** Connect the drain outlet to a dedicated drain line. The unit performs automatic drainage, discharging approximately 5.5 gallons per cycle.
4. **Steam Nozzle Placement:** The steam nozzle should be installed approximately 450mm (17.7 inches) above the ground or 15cm (5.9 inches) away from the edge of the bathtub. For enhanced comfort, install the nozzle as far as possible from the seating area.

5.3 Electrical Connections

All electrical work must be performed by a certified electrician.

1. **Power Supply:** Connect the unit to a Two-Phase AC 230V 60Hz power supply.
2. **Breaker:** A 60A wire breaker is required.
3. **Grounding:** Proper grounding is essential. Use a grounding wire with a diameter larger than 4mm².
4. **Controller Connection:** Connect the provided connection line from the generator to the smart touch controller.

Image 5.2: Close-up view of the steam generator's internal wiring connections, emphasizing the importance of proper grounding and professional electrical installation. Details inlet pipe G1/2 and steam pipe G3/4 connections.

6. Operation

The steam generator is controlled via the smart touch panel.

6.1 Basic Operation

1. **Power On/Off:** Use the designated button on the control panel to turn the unit on or off.

2. **Steam Production:** The unit typically begins producing steam within five minutes of activation.

6.2 Temperature Customization

Adjust the desired steam room temperature using the controls on the panel. The temperature range is 25-55°C (77-131°F).

6.3 Timer Function

Set the operating time from 10 minutes up to 24 hours using the timer controls. This allows for scheduled steam sessions.

Image 6.1: A person relaxing in a steam room, demonstrating the user experience with the VEVOR steam generator's segmented heating, temperature customization, and 24-hour timer features.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your steam generator.

7.1 Automatic Drainage

The unit features an automatic drainage system that activates after each use. This helps prevent mineral buildup and ensures clean steam output. No manual drainage is typically required.

7.2 Magnesium Rod

The integrated magnesium rod helps purify water and prolong the machine's lifespan. Periodically inspect the magnesium rod for wear and replace if necessary. Consult a qualified technician for this procedure.

7.3 Cleaning

Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents. For internal cleaning or descaling, consult a professional or refer to specific descaling instructions if provided separately.

8. Troubleshooting

This section addresses common issues. For problems not listed here, contact customer support.

Problem	Possible Cause	Solution
No steam production	No water supply, power issue, fault code displayed	Check water inlet, verify power connection and breaker, check control panel for fault codes.
Insufficient steam	Low water pressure, mineral buildup, incorrect temperature setting	Ensure adequate water pressure, consider descaling (professional service recommended), adjust temperature setting.
Unit not turning on	No power, faulty controller connection	Check power supply and breaker. Verify controller connection line.
Unusual noises during operation	Normal drainage cycle, mineral buildup	Some noises are normal during the automatic drainage. If persistent or unusual, consult a technician.

The unit features a fault code display for easier troubleshooting. Refer to the specific fault code meanings in a separate technical guide or contact support.

9. Warranty and Support

For warranty information, technical support, or to inquire about replacement parts, please refer to the warranty card included with your product or visit the official VEVOR website. Keep your purchase receipt for warranty claims.

Contact Information:

- Visit www.vevor.com for support resources.