

## VENUS Magma 15GV

# VENUS Magma Plus 15GV 15-Litre Storage Water Heater User Manual

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your VENUS Magma Plus 15GV 15-Litre Storage Water Heater. Please read these instructions carefully before using the appliance and retain them for future reference. The VENUS Magma Plus 15GV is designed for reliable hot water supply, featuring Scale Guard Technology and Double Ceramic Heating Elements for enhanced durability and performance.

## SAFETY INSTRUCTIONS

**Important:** Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- Ensure the water heater is installed by a qualified technician in accordance with local regulations and this manual.
- Do not operate the water heater if it has a damaged cord or plug, or if it is not working properly or has been dropped or damaged.
- Before any maintenance or cleaning, always disconnect the power supply to the appliance.
- Do not block or cover any openings on the water heater.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Keep children away from the appliance and ensure they do not play with it.
- The water heater must be properly grounded.
- Do not use extension cords or adapters with this appliance.
- Ensure the water pressure does not exceed 8 Bars, as specified for this model.

## PRODUCT OVERVIEW

The VENUS Magma Plus 15GV is a 15-litre storage water heater designed for efficiency and durability. Key features include:

- **Capacity:** 15 Litres, suitable for bathing and general household use.
- **Wattage:** 2000 Watts for quick heating.

- **Pressure:** Rated for 8 Bars, suitable for high-rise buildings.
- **BEE Rating:** 5 Star energy efficiency for reduced power consumption.
- **Inner Tank:** Porcelain Enamel Glasslined Tank for corrosion resistance.
- **Heating Elements:** Glasslined Double Ceramic Heating Elements for extended lifespan and efficient heating.
- **Outer Body Material:** Durable PP Plastic.
- **Scale Guard Technology:** Reduces scale deposits, minimizing stress on heating elements and prolonging appliance life.
- **Capillary Thermostat:** Allows precise temperature setting by the user.
- **ISI Certification:** India's first BIS approved water heater with Porcelain Enamelled GL Tank, ensuring quality and safety.
- **Protection:** Maximum protection against hard water and corrosion.



Figure 1: Front view of the VENUS Magma Plus 15GV 15-Litre Storage Water Heater, showing its compact design and control knob.

## SETUP AND INSTALLATION

The VENUS Magma Plus 15GV water heater comes with an installation kit, flexible hose, and wall fixing card. Professional installation is highly recommended to ensure proper functioning and safety.

### Included Components:

- 1 Storage water heater unit
- Flexible hose (for water connections)
- User manual (this document)
- Installation Kit (mounting brackets, screws, etc.)
- Wall fixing card (for precise mounting)

### Installation Steps (Overview):

1. **Site Selection:** Choose a suitable wall location, ensuring it is strong enough to support the filled water heater and is close to water inlet/outlet points and a power source.
2. **Mounting:** Use the provided wall fixing card to mark drilling points. Securely mount the water heater to the wall using the installation kit.
3. **Water Connections:** Connect the cold water inlet and hot water outlet pipes using the flexible hoses. Ensure all connections are tight to prevent leaks. Install a pressure relief valve if required by local codes.
4. **Electrical Connection:** Connect the water heater to a dedicated, properly grounded electrical outlet. Ensure the voltage matches the appliance's requirements (230 Volts).
5. **Filling the Tank:** Before switching on, open a hot water tap in your home to allow air to escape and the tank to fill completely with water. Close the tap once water flows steadily.
6. **Initial Check:** Inspect all connections for leaks and ensure the appliance is securely mounted.



Figure 2: Example of the VENUS Magma Plus 15GV water heater installed in a bathroom, demonstrating typical wall mounting.



Figure 3: Dimensional drawing of the 15L Magma Plus water heater, showing height (505mm) and width/depth (313mm).

## OPERATING INSTRUCTIONS

Once the water heater is correctly installed and filled with water, you can begin operation.

1. **Power On:** Switch on the main power supply to the water heater. The indicator light (if present) will illuminate.
2. **Set Temperature:** Use the temperature control knob, located at the bottom of the unit, to set your desired water temperature. The Capillary Thermostat allows for precise adjustment.
3. **Heating Cycle:** The water heater will begin heating the water. The heating time will vary depending on the initial water temperature and the desired setting. For a full tank, it may take approximately 30-55 minutes to reach maximum temperature (around 75°C).
4. **Automatic Cut-off:** The thermostat will automatically cut off power to the heating elements once the set temperature is reached, saving energy. It will reactivate when the water temperature drops.
5. **Power Off:** When hot water is no longer needed for an extended period, it is recommended to switch off the power supply to the water heater.



Figure 4: Close-up view of the VENUS Magma Plus 15GV, highlighting the temperature control knob at the bottom.

### Capacity Guide:

The 15-litre capacity is generally suitable for:

- Bathing (bucket wash) for 2-3 members.
- Bathing (shower/bathtub) for 2-3 members.

## DETERMINE THE CAPACITY OF YOUR INSTANT & STORAGE GEYSER

| INSTANT GEYSER  |   |   |   | STORAGE GEYSER  |  |   |   |
|---|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |  |
| Instant flow of hot water   | Available in 1 to 3 litres  | Compact in size   | Ideal for washing hands & utensils  | Constant flow of hot water  | Available in 6 to 35 litres  | Large tank stores water   | Ideal for bathing & laundry   |

### INSTANT GEYSER CAPACITY GUIDE BASED ON INTENDED USE & FAMILY SIZE

|                      |   |                                       |   |
|----------------------|---|---------------------------------------|---|
| <b>1-3</b><br>LITRES |  | <b>DISHWASHING</b><br>& Washing Hands | <br><b>2-8 MEMBERS</b> |
|----------------------|---|---------------------------------------|---|

### STORAGE GEYSER CAPACITY GUIDE BASED ON INTENDED USE & FAMILY SIZE

|                        |   |  |   |
|------------------------|---|--|---|
| <b>10-15</b><br>LITRES |    | <b>BATHING</b><br>Bucket                 | <br><b>2-3 MEMBERS</b>   |
| <b>15-25</b><br>LITRES |   | <b>BATHING</b><br>Shower/Bathtub         | <br><b>2-3 MEMBERS</b> |
| <b>25-30</b><br>LITRES |  | <b>BATHING</b><br>Bucket/Shower /Bathtub | <br><b>4-8 MEMBERS</b> |

Figure 5: A general guide for determining water heater capacity based on intended use and family size. The 15-litre Magma Plus falls under the storage geyser category.

## MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your water heater.

- **Cleaning:** Periodically wipe the outer body with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Scale Guard Technology:** The integrated Scale Guard Technology helps reduce mineral deposits. However, in areas with extremely hard water, periodic descaling by a qualified technician may still be beneficial.
- **Pressure Relief Valve:** Check the pressure relief valve annually to ensure it is not blocked and is functioning correctly. Refer to the installation guide for specific instructions on testing this valve.
- **Anode Rod Inspection:** The sacrificial anode rod protects the tank from corrosion. It should be inspected and replaced periodically (typically every 1-3 years, depending on water quality) by a service professional.
- **Professional Servicing:** It is recommended to have your water heater inspected by a qualified service technician at least once every two years.

## TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and solutions:

| Problem                     | Possible Cause   | Solution   |
|-----------------------------|--|--|
| No hot water                | No power supply; thermostat set too low; heating element failure.          | Check power connection and circuit breaker. Adjust thermostat setting. If problem persists, contact service. |
| Water not hot enough        | Thermostat set too low; insufficient heating time; tank capacity exceeded. | Increase thermostat setting. Allow more time for heating. Reduce hot water consumption.                      |
| Water is too hot            | Thermostat set too high.   | Reduce thermostat setting.   |
| Leaking from unit           | Loose connections; faulty pressure relief valve; tank corrosion.           | Tighten connections. Check pressure relief valve. Contact service for tank issues.                           |
| Temperature indicator stuck | Mechanical issue with indicator spring.                                    | Gently tap the indicator. If it remains stuck, contact service.  |

For issues not listed above or if solutions do not resolve the problem, please contact VENUS customer support.

SPECIFICATIONS

| Feature                        | Detail                                     |
|--------------------------------|--|
| Brand                          | VENUS                                      |
| Model Number                   | Magma 15GV                                 |
| Capacity                       | 15 Litres                                  |
| Colour                         | White                                      |
| Wattage                        | 2000 Watts                                 |
| Voltage                        | 230 Volts                                  |
| Maximum Operating Pressure     | 8 Bars                                     |
| Mounting Type                  | Wall                                       |
| Inner Tank Material            | Porcelain Enamel Glasslined Tank           |
| Heating Element                | Glasslined Double Ceramic Heating Elements |
| Outer Body Material            | PP Plastic                                 |
| BEE Rating                     | 5 Star                                     |
| Item Weight                    | 12 kg 800 g                                |
| Product Dimensions (H x W x D) | 505mm x 313mm x 313mm                      |



| Feature             | Detail   |
|---------------------|--|
| Included Components | Flexible hose, user manual, Installation Kit, Wall fixing card |

## WARRANTY AND SUPPORT

Your VENUS Magma Plus 15GV water heater is backed by a comprehensive warranty and dedicated customer support.

### Warranty Details:

- **Inner Tank:** 5 Years
- **Heating Element:** 2 Years
- **Overall Product:** 2 Years

Please retain your purchase receipt for warranty claims. The warranty covers manufacturing defects under normal use conditions.

### Customer Support:

For installation assistance, service requests, or any queries regarding your product, please contact VENUS Home Appliances Pvt Ltd.

- **Manufacturer:** VENUS HOME APPLIANCES PVT LTD
- **Address:** No. 4/993, Kamaraj St, Annai Indira Nagar, Perungudi, Chennai
- **Contact Number:** 8144666999
- You can also visit the official VENUS store for more information: [VENUS Brand Store](#)