

V Guard Calino DG 15

V-Guard Calino DG 15 Digital Storage Water Heater User Manual

Model: Calino DG 15 (25 Liters, ABS Series)

1. INTRODUCTION

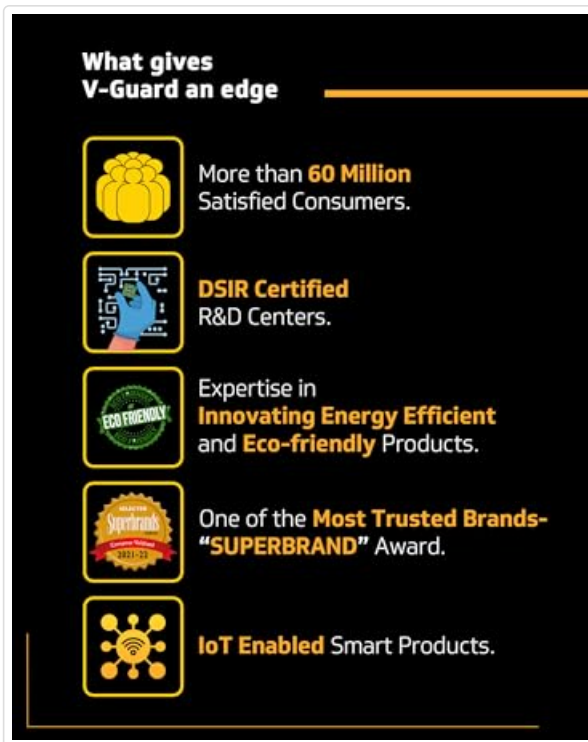
Welcome to the V-Guard Calino DG 15 Digital Storage Water Heater user manual. This document provides essential information for the safe and efficient operation, installation, and maintenance of your new water heater. Please read these instructions carefully before installation and use, and retain them for future reference.

2. PRODUCT OVERVIEW

The V-Guard Calino DG 15 is a 25-liter digital storage water heater designed for reliable hot water supply. It features a robust construction and advanced safety mechanisms to ensure durability and user safety.

Key Features:

- **Capacity:** 25 Liters, suitable for various household needs.
- **Power Source:** Corded Electric, 230 Volts, 2000 Watts for efficient heating.
- **Energy Efficiency:** 5 Star rated for optimal energy savings.
- **Inner Tank:** Made of high-quality steel with Vitreous Enamel Glass Lining for rust protection.
- **Outer Body:** Durable Acrylonitrile Butadiene Styrene (ABS) construction.
- **Heating Element:** Antiscalant Incoloy 840 for long-lasting performance.
- **Insulation:** CFC-free PUF insulation for maximum heat retention.
- **Safety:** Equipped with Overheat Protection and a multifunctional safety valve.



This image displays the physical dimensions of the V-Guard Calino DG 15 water heater (43.5 cm height, 43.5 cm width, 37.6 cm depth) and highlights its construction features. These include a rust-proof inner steel tank with vitreous enamel glass lining, a robust Acrylonitrile Butadiene Styrene (ABS) outer body, an antiscalant Incoloy 840 heating element, and CFC-free PUF insulation for maximum heat retention. The image also indicates the warranty period: 2 years for the product, 3 years for the heating element, and 7 years for the inner tank.

3. INSTALLATION GUIDE

Proper installation is crucial for the safe and efficient operation of your water heater. It is highly recommended to have the unit installed by a qualified technician.

Included Components:

- 1 x V-Guard Calino DG 15 Water Heater
- 1 x Remote Control
- 2 x Flexible Connection Hoses
- 2 x Fixing Screws
- 1 x Fixing Clamp
- 1 x Safety Valve
- User Manual and Warranty Card

The water heater is designed for vertical mounting. Ensure the installation location is suitable, with adequate space for maintenance and proper ventilation.



This image displays the V-Guard Calino DG 15 water heater along with its remote control. It advertises free PAN India installation, available across all deliverable PIN codes, and free inlet/outlet connection pipes made of strong and durable braided stainless steel (1.5 ft x 2). A note clarifies that angle cock, control valve, and nipple connector are not included in the installation kit and must be purchased separately.

4. OPERATING YOUR WATER HEATER

Your V-Guard Calino DG 15 water heater features an intuitive digital control panel for easy operation.

Control Panel:

About Us

With humble beginnings in 1977, starting as a small manufacturing unit for voltage stabilizers, V-Guard today is a renowned brand in the electronic goods and consumer durable panorama, straddling more than 19 product categories spanning electronics, electrical, electromechanical & appliances segment.

V-Guard has embarked on an ambitious journey to build products of tomorrow, inspired by the consumer experiences of today.

Bring Home A Better Tomorrow

This diagram illustrates the control panel of the V-Guard Calino DG 15 water heater. It features five buttons: Up, Down, Set, Mode, and Power. The display shows two main interfaces: a Time Display Interface (e.g., 05:35) and a Temperature Display

Interface (e.g., 70.68 degrees, showing both set and actual temperature). Icons for Standard Mode (STD), Timer Mode, Eco Mode, and Clean/Anti-Bacteria Mode are also visible.

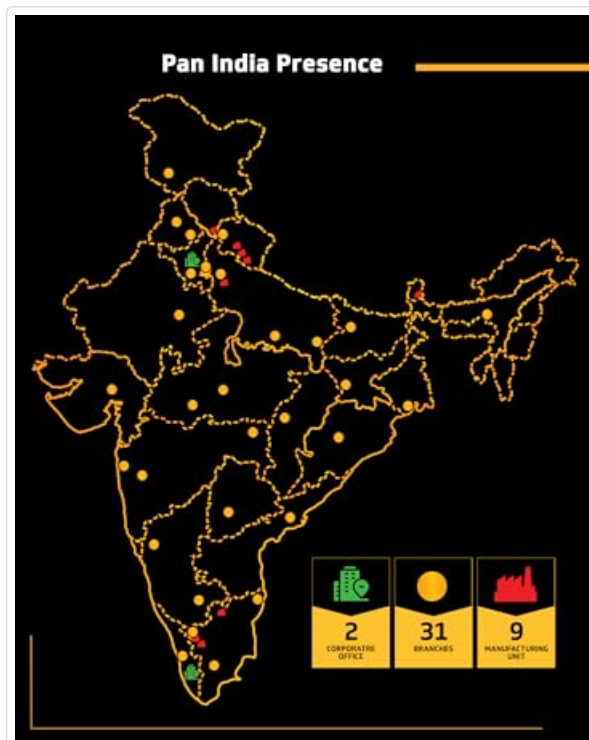
- **Up Button:** Increases temperature setting or adjusts time.
- **Down Button:** Decreases temperature setting or adjusts time.
- **Set Button:** Confirms selections or enters setting modes.
- **Mode Button:** Cycles through different operating modes (STD, Timer, ECO, Clean).
- **Power Button:** Turns the unit on or off.
- **Time Display Interface:** Shows current time or timer settings.
- **Temperature Display Interface:** Shows both the set temperature and the actual water temperature.

Modes of Operation:

- **Standard Mode (STD):** The water heater operates to maintain the set temperature.
- **Timer Mode:** Allows you to program specific times for the water heater to turn on and off, optimizing energy use.
- **Eco Mode:** An energy-saving mode that optimizes heating cycles to reduce power consumption while still providing comfortable hot water.
- **Clean/Anti-Bacteria Mode:** Activates a special heating cycle to help sanitize the water and inner tank, promoting hygiene.

5. SAFETY PRECAUTIONS

Your V-Guard water heater is equipped with multiple safety features to ensure reliable and secure operation.



This infographic highlights the four layers of safety integrated into the V-Guard water heater. These include Safe Temperature Regulation via a reset-type electronic thermostat, Overheat Protection through a reset-type thermal cut-out mechanism, Safe Operations at Higher Pressures ensured by a multifunctional safety valve that relieves excess pressure and avoids vacuum formation, and Anti-Rust Inner Tank Protection provided by a long-lasting sacrificial magnesium anode.

- **Safe Temperature Regulation:** Features a reset-type electronic thermostat to accurately control and

maintain water temperature.

- **Overheat Protection:** A reset-type thermal cut-out mechanism automatically shuts off the heater if water temperature exceeds safe limits.
- **Safe Operations at Higher Pressures:** A multifunctional safety valve is included to relieve excess pressure and prevent vacuum formation within the tank, ensuring safe operation up to 8 bars.
- **Anti-Rust Inner Tank Protection:** A long-lasting sacrificial magnesium anode protects the inner tank from corrosion, extending the life of the appliance.

6. MAINTENANCE

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

- **Regular Cleaning:** Periodically clean the exterior of the water heater with a soft, damp cloth. Do not use abrasive cleaners.
- **Safety Valve Check:** Annually check the safety valve by lifting its lever to ensure it operates freely. Water should discharge from the drain pipe. Release the lever to its original position.
- **Descaling:** In areas with hard water, scale deposits can accumulate inside the tank and on the heating element. It is recommended to have the unit descaled by a qualified service technician every 1-2 years, depending on water hardness.
- **Anode Rod Inspection:** The sacrificial magnesium anode rod should be inspected and replaced periodically (typically every 1-3 years) to ensure continued protection against corrosion. This should be done by a service professional.

7. TROUBLESHOOTING

If you encounter issues with your water heater, refer to the following basic troubleshooting steps. For complex problems, contact customer support.

- **No Hot Water:** Check if the power supply is connected and the unit is switched on. Ensure the thermostat setting is appropriate. Verify that the circuit breaker has not tripped.
- **Insufficient Hot Water:** The set temperature might be too low, or the demand for hot water exceeds the unit's capacity. Allow more time for reheating.
- **Water Leaks:** Turn off the power and water supply immediately. Check connections for tightness. If the leak persists, contact a service technician.
- **Unusual Noises:** Minor noises during heating are normal. Loud or persistent noises may indicate scale buildup or a faulty component. Contact customer support.
- **Error Codes on Display:** Refer to the specific error code in the detailed manual (if available) or contact customer support with the displayed code.

8. TECHNICAL SPECIFICATIONS

Specification	Detail
Brand	V Guard
Model Number	Calino Digital (ABS Series)

Specification	Detail
Capacity	25 Liters
Power Source	Corded Electric
Wattage	2000 Watts
Voltage	230 Volts
Efficiency	5 Star
Maximum Pressure	8 Bars (116.03 PSI)
Mount Type	Vertical
Product Dimensions (W x H)	33W x 46H Centimeters
Item Weight	10 Kilograms
Colour	White
Material Type	ABS Outer Body, High Quality Steel Inner Tank with special coating
Special Feature	Overheat Protection

9. WARRANTY AND CUSTOMER SUPPORT

V-Guard stands by the quality of its products. Your Calino DG 15 water heater comes with the following warranty:

- **Product Warranty:** 2 Years
- **Heating Element Warranty:** 3 Years
- **Inner Tank Warranty:** 7 Years

For any service, installation, or support needs, please contact V-Guard customer service. V-Guard offers extensive Pan-India service coverage.

Contact Information:

Manufacturer: V-Guard Industries Ltd.

Address: 42/962, Vennala High School Road, Vennala, Kochi- 682028, Kerala

For more information and to locate service centers, visit the [V-Guard Official Store](#).



This image displays a map of India highlighting V-Guard's extensive service network. It indicates over 1200 trained technicians, 325 authorized service providers, and direct service coverage in more than 35 cities. Services include free installation across the country (for select models), on-demand Pan India service, on-demand water testing facility, on-call support, 10 AM – 10 PM support (in select cities), and weekend support (in select cities).