

## CGOLDENWALL AT-10.5KW

# CGOLDENWALL 10.5KW Commercial Self-Draining Steam Generator Instruction Manual

Model: AT-10.5KW

## 1. INTRODUCTION

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This manual provides comprehensive instructions for the installation, operation, and maintenance of your CGOLDENWALL 10.5KW Commercial Self-Draining Steam Generator. Please read this manual thoroughly before installation and use to ensure safe and efficient operation. Retain this manual for future reference.



Figure 1: CGOLDENWALL 10.5KW Steam Generator with included components.

## 2. SAFETY INFORMATION

### Important Safety Instructions:

- Always ensure the power supply is disconnected before performing any installation, maintenance, or repair work.
- Installation must be performed by a qualified electrician and plumber in accordance with all local and national codes.
- Do not operate the steam generator if it is damaged or malfunctioning.
- Keep children and pets away from the steam generator and steam outlet during operation.
- The steam outlet produces hot steam. Avoid direct contact to prevent burns.
- Ensure adequate ventilation in the steam room.
- The control panel must be installed outside the steam room.

## 3. PACKAGE CONTENTS

Verify that all components are present in the package:

- Steam generator unit
- Steam nozzle
- 10 m control cable
- 3 m temperature sensor
- Waterproof LED digital controller
- Drain valve
- Safety valve




Figure 2: Included accessories for the steam generator.

## 4. SPECIFICATIONS

Specification	Value
Manufacturer	CGOLDENWALL
Part Number	CNA-1015
Item Weight	39.6 pounds
Product Dimensions	19.7 x 8.7 x 15.4 inches
Item Model Number	AT
Size / Power	10.5KW
Material	Stainless steel
Power Source	AC
Voltage	220 Volts
Wattage	10.5 KW
Breaker Required	60A (for 10.5KW)
Suitable Room Volume	10.5 m <sup>3</sup> / 371 Cubic feet (for 10.5KW)

## PARAMETER INTRODUCTION



**Power:** 10.5KW

**Voltage:** 220V

**Breaker required:** 6AWG wire-70amp  
GFCI breaker

**Room Volume:** 10.5m<sup>3</sup> (371 Cubic feet)

**Working Time setting:**  
Auto set off in 30 mins to 12 hours

**Temperature setting:** 95-131°F




Figure 3: Detailed product parameters for various models.

## 5. SETUP & INSTALLATION

The steam generator should be installed in a dry, well-ventilated area near the shower, such as a vanity or closet. Ensure easy access for maintenance.

### 5.1 Water Connections



Connect the water inlet and steam outlet pipes. The drain valve should be installed according to the arrow indicating the correct direction. Always use two wrenches to avoid damaging the valve during installation.



Figure 4: Steam generator connection points.

### 5.2 Electrical Wiring

For 110V countries (e.g., USA, Canada, Mexico), connect the wires to 2 hot lines (L1 and L2). No neutral line is needed. For 220V countries, connect the wires to the hot (L) and neutral (N) lines. Ensure the voltage difference between L1(L) and L2(N) is 200-240V. Use 6AWG wire with a 60-amp GFCI breaker for the 10.5KW model.

## HOW TO CONNECT ?

### Physical Picture:

### Circuit Diagram:

#### Steam 3-9KW

200-240V ~							
KW	Amp	mm²	AWG	KW	Amp	mm²	AWG
3	13	2.5	12	10.5	47	10	8
4.5	19	4	12	12	54	10	8
6	27	6	8	15	68	16	6
9	41	10	8	18	81	16	6

\* Use 75°C copper wire

For wiring connection in 110V countries, such as the United States, Canada, and Mexico, just connect the wires to 2 hot line (L1 and L2), no neutral is needed.

For wiring in 220V countries, simply connect the wires to hot (L) and neutral line (N).

**MAKE SURE THAT THE VOLTAGE DIFFERENCE BETWEEN L1(L) AND L2(N) IS 200-240V.**

Figure 5: Electrical wiring diagram.

## 5.3 Temperature Sensor Installation

One end of the temperature probe line connects to the control panel. The other end, with the sensor, should be placed in the steam room. The probe must be installed on a vertical surface, 4-5 feet above the floor, and exposed to the air. The steam nozzle should be approximately 30mm above the ground or 20mm from the edge of the bathtub. For comfort, install the nozzle away from the seating area.

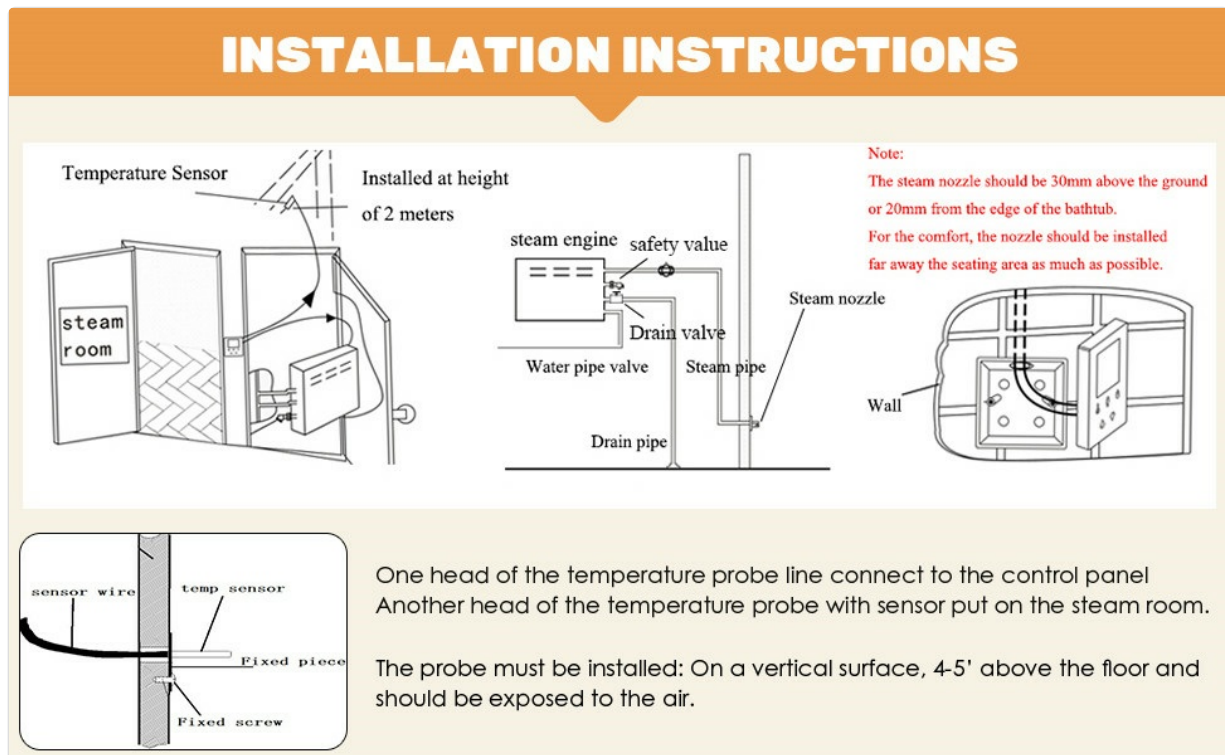


Figure 6: Temperature sensor and steam nozzle installation.

## 5.4 Installation Video Guide

For a visual guide on the installation process, please refer to the video below:

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Video 1: CGOLDENWALL Steam Shower Generator Installation. This video demonstrates the step-by-step process of installing the steam generator, including water and electrical connections.

## 6. OPERATION

The intelligent touch controller allows for easy adjustment of temperature and working time. The steam generator quickly produces a consistent flow of steam, typically starting in 3-5 minutes, with automatic segment heating.

### 6.1 Using the Intelligent Touch Controller

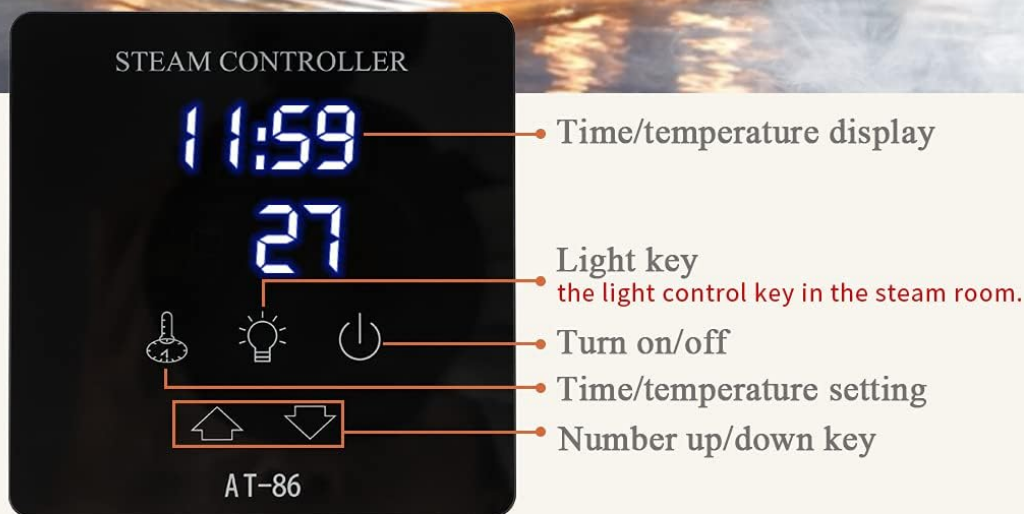
The controller features a time/temperature display, light key, turn on/off button, and time/temperature setting buttons.

- **Temperature Setting:** The adjustable temperature range is 95°F - 131°F (35°C - 55°C). Use the up/down arrows to set your desired temperature.
- **Time Setting:** The automatic shut-off time can be set from 30 minutes to 12 hours. Use the up/down arrows to adjust the duration.

- **Power On/Off:** Press the power button to start or stop the steam generator.

# INTELLIGENT TOUCH CONTROLLER

The controller must be installed outside the steam room



## TEMPERATURE SETTING

The adjustable temperature range is 95 - 131°F

95

131



## TIME SETTING

Auto set off time in 30 minutes to 12 hours

30 Min

12<sup>h</sup>

Figure 7: Intelligent Touch Controller interface and functions.

## 7. MAINTENANCE

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

### 7.1 Automatic Drainage and Cleaning

The unit features an auto drainage function, eliminating the need for manual drainage. A quick cleaning port allows for easy removal of scale without disassembling pipes. The system automatically drains water and limescale 15 minutes after each use.



# AUTOMATIC DRAINAGE AND CLEANING PORT



Figure 8: Automatic drainage and cleaning port details.

## 7.2 Heating Tube Replacement

In case of a heating tube malfunction, it can be replaced. Refer to the following video for detailed instructions:

Your browser does not support the video tag.

Video 2: CGOLDENWALL Steam Generator - Replacement of the Heating Tube. This video demonstrates the procedure for safely removing and replacing the heating tube within the steam generator unit.

## 8. TROUBLESHOOTING

If you encounter issues with your steam generator, please review the following common problems and



solutions:

- **No Steam Production:** Check power supply, water inlet connection, and ensure the controller is set correctly. Verify that the heating elements are functioning.
- **Insufficient Steam:** Ensure the steam room is properly sealed. Check for any blockages in the steam outlet. Verify the water level in the generator.
- **Error Codes on Controller:** Refer to the specific error code in your product's detailed manual (if provided separately) or contact customer support for assistance.
- **Water Leakage:** Inspect all pipe connections for tightness. Check the drain valve for proper installation and function.

For persistent issues or problems not listed here, please contact CGOLDENWALL customer support.



9. WARRANTY & SUPPORT

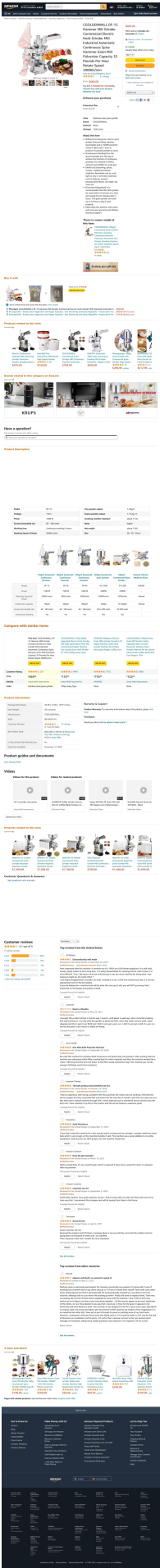
The CGOLDENWALL 10.5KW Commercial Self-Draining Steam Generator comes with a **1 Year Manufacturer Guarantee**.

For warranty claims, technical support, or any questions regarding your product, please contact CGOLDENWALL customer service through their official channels. Ensure you have your product model number (AT-10.5KW) and purchase details available when contacting support.

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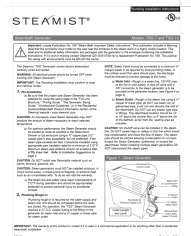


Related Documents - AT-10.5KW

<div> CGOLDENWALL Projector Lift User Manual  "CONTACT" Attention: CGOLDENWALL Service email: <a href="mailto:sales@cgoldenwall.com">sales@cgoldenwall.com</a> Manager: <a href="mailto:Wen.Hu@cgoldenwall.com">Wen.Hu@cgoldenwall.com</a> Facebook: <a href="#">CGOLDENWALL</a></div>	<p><a href="#">CGOLDENWALL Projector Lift User Manual - Installation, Operation, and Specifications</a></p> <p>Comprehensive user manual for the CGOLDENWALL motorized projector lift. Covers product description, detailed specifications for FT100, FT150, FT200 models, installation guide, operation instructions, remote control usage, limit adjustment, and troubleshooting common issues.</p>



[CGOLDENWALL DF-15 Hammer Mill Grinder: Commercial Electric Spice and Grain Pulverizer](#)

Detailed overview of the CGOLDENWALL DF-15 Hammer Mill Grinder, a powerful 1200W electric pulverizer for spices, herbs, grains, and traditional Chinese medicine. Features include continuous grinding, fast heat dissipation, and a durable stainless steel build. Includes specifications, comparison with other models, and customer review summaries.

	<p><a href="#">Steamist TSG-7, TSG-10 Generator &amp; TSC-550 Control Installation Guide</a></p> <p>Comprehensive installation instructions for Steamist TSG-7 and TSG-10 steambath generators and TSC-550 touch controls. Covers plumbing, electrical, and mounting requirements for residential installations.</p>
	<p><a href="#">Insignia Signature Steam Generator Installation Guide: 7.5kW - 18kW Models</a></p> <p>Comprehensive installation guide for Insignia Signature Steam Generators (7.5kW to 18kW). Includes setup, electrical, plumbing, safety, and maintenance instructions for optimal steam room experience.</p>
	

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