

Amerec 9053-407 9202-133 9201-042

Amerec Pro 12k Sauna Heater User Manual

Model: 9053-407 9202-133 9201-042

Brand: Amerec

1. PRODUCT OVERVIEW

The Amerec Pro 120/3Phase 12k Sauna Heater system is designed for large, commercial-sized sauna rooms, providing efficient and reliable heating. This comprehensive system includes the Pro series floor-standing heater, 132 lbs of Vulcanite rocks, a Contactor Box, and an H3 24-Hour Control unit.

The heater is rated for 12 kW and operates on 208v/3Phase, suitable for sauna rooms ranging from 510 to 740 cubic feet. The Contactor Box (Amerec 9202-133) serves as a crucial power control mechanism, ensuring reliable power distribution to the heating elements. The H3 Control (Amerec 9201-042) simplifies sauna regulation, allowing for easy adjustment of time, lighting, and temperature settings, and features a 24-hour timer ideal for supervised applications.

Key features include:

- Pro 120 / 12 kW / 208v / 3 Phase / 510-740 cu ft heating capacity.
- Includes 132 lbs of Vulcanite rocks for optimal heat retention and steam production.
- Integrated Contactor Box and H3 Control for comprehensive system management.
- Designed for use with separate control panels, offering remote operation capabilities.
- Constructed with a durable stainless steel exterior and junction box.



Figure 1.1: Amerec Pro 12k Sauna Heater system, including the heater unit, H3 control panel, contactor box, and sauna rocks.

2. SETUP AND INSTALLATION

Proper installation is critical for the safe and efficient operation of your Amerec sauna heater. It is highly recommended that installation be performed by a qualified electrician and a licensed contractor in accordance with all local and national electrical codes.

2.1 Unpacking and Inspection

Carefully unpack all components. Inspect the heater, contactor box, control panel, and rocks for any signs of shipping damage. Report any damage to your supplier immediately.

2.2 Heater Placement

The Amerec Pro heater is a floor-standing unit. Position the heater in the sauna room according to the manufacturer's specifications, ensuring adequate clearances from walls and benches as outlined in the detailed installation manual provided with the product. Ensure the heater is placed on a level, non-combustible surface.



Figure 2.1: Example of the Amerec Pro 12k Sauna Heater installed in a sauna room corner, demonstrating proper placement.

2.3 Electrical Connections

All electrical wiring must comply with local and national electrical codes. The system requires a 208v, 3-phase power supply. Connect the heater to the contactor box and the contactor box to the main power supply. Ensure all connections are secure and properly grounded. Refer to the detailed wiring diagrams in the full installation manual for specific instructions.

2.4 Contactor Box and Control Panel Installation

Install the contactor box in a suitable location outside the sauna room, typically in a utility closet or electrical room, ensuring it is accessible for service. Mount the H3 control panel inside or outside the sauna room at a convenient height, away from direct heat and moisture. Connect the control panel to the contactor box as per the wiring instructions.



Figure 2.2: The Amerec H3 Control Panel, used for managing sauna settings.



Figure 2.3: An alternative view of the H3 Control Panel, showing its interface.

2.5 Sauna Rock Placement

Carefully place the provided Vulcanite sauna rocks into the heater's rock compartment. Ensure the rocks are placed loosely around the heating elements, allowing for proper air circulation. Do not pack the rocks too tightly, as this can impede airflow and affect heating efficiency.

3. OPERATING INSTRUCTIONS

The H3 control panel provides intuitive control over your sauna experience. Familiarize yourself with its functions before operation.

3.1 Powering On/Off

Press the power button on the H3 control panel to turn the sauna heater on or off. The display will illuminate when the unit is active.

3.2 Setting Temperature

Use the '+' and '-' buttons on the control panel to adjust the desired sauna temperature. The current temperature and set temperature will be displayed. The heater will automatically cycle on and off to maintain the set temperature.

3.3 Setting the Timer

The H3 control features a 24-hour timer. Press the timer button (hourglass icon) to access timer settings. Use the '+' and '-' buttons to set the desired operating duration or delay start time. Confirm your selection to activate the timer.

3.4 Lighting Control

If your sauna is equipped with compatible lighting connected through the system, use the light bulb icon button on the H3 control to turn the sauna lights on or off.

3.5 Safety Precautions During Operation

- Never pour excessive water over the rocks; a small ladle is sufficient for steam.
- Do not place any objects on the heater or block the air vents.
- Ensure proper ventilation in the sauna room during and after use.
- Supervise children and individuals with health conditions when using the sauna.
- Exit the sauna immediately if you feel dizzy, nauseous, or uncomfortable.

4. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Amerec sauna heater system.

4.1 Cleaning the Heater

Allow the heater to cool completely before cleaning. Wipe the exterior of the heater with a damp cloth. Do not use abrasive cleaners or solvents. Ensure no water enters the electrical components.

4.2 Inspecting Sauna Rocks

Periodically inspect the sauna rocks (at least once a year, or more frequently with heavy use). Over time, rocks can disintegrate due to heating and cooling cycles. Remove any small, crumbling pieces and replace them with new Amerec sauna rocks. This ensures proper airflow and efficient heating.

4.3 Electrical System Check

It is recommended to have a qualified electrician inspect the electrical connections and wiring of the heater and contactor box periodically (e.g., every 2-3 years) to ensure all components are in good working order and connections remain secure.

5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter. For problems not listed here, or if solutions do not resolve the issue, contact qualified service personnel.

Problem	Possible Cause	Solution
Heater does not heat up.	No power to heater; Circuit breaker tripped; Control panel not set correctly; Contactor issue; Overheat limit tripped.	Check main power supply; Reset circuit breaker; Ensure control panel is on and temperature/timer are set; Inspect contactor box (professional required); Allow heater to cool and reset overheat limit (if applicable).
Control panel display is blank or unresponsive.	No power to control; Loose connection; Control panel malfunction.	Check power supply to control; Verify wiring connections; If problem persists, contact service.
Sauna room not reaching desired temperature.	Incorrect temperature setting; Poor insulation; Insufficient heater size for room; Rocks packed too tightly; Ventilation issues.	Increase temperature setting; Check sauna room insulation; Verify heater cubic foot rating matches room size; Rearrange rocks for better airflow; Ensure ventilation is not excessive.
Heater cycles off too quickly.	Overheat protection activated; Faulty thermostat.	Ensure proper ventilation and clearances; Allow heater to cool; If issue persists, contact service for thermostat inspection.

6. SPECIFICATIONS

Attribute	Detail
Manufacturer	Amerec
Part Number	9053-407 9202-133 9201-042
Item Weight	210 pounds
Package Dimensions	29 x 20 x 19 inches
Power Source	AC
Voltage	208 Volts (AC)
Wattage	12 KW
ASIN	B0F8LCSYWN
Date First Available	May 13, 2025



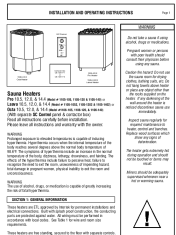
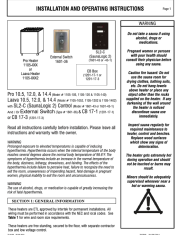
7. WARRANTY AND SUPPORT


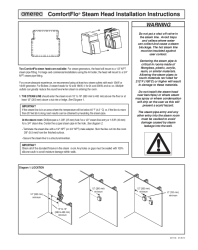
Amerec products are manufactured to high standards and are backed by a manufacturer's warranty. Specific warranty details, including coverage period and terms, are typically provided with the product documentation or can be obtained directly from Amerec or your authorized dealer.

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact Amerec customer support or the authorized seller from whom you purchased the product. The seller for this product is Steam and Sauna Connection, who also provides customer support.

When contacting support, please have your product model number (9053-407 9202-133 9201-042) and purchase information readily available.

Related Documents - 9053-407 9202-133 9201-042

	<p>Amerec AK Series Steam Generator Specification Sheet</p> <p>Detailed specification sheet for Amerec AK Series steam generators, covering performance features, control options (K60, KT60), sizing and rough-in guide, electrical and plumbing requirements, and installation instructions.</p>
	<p>Amerec ADK Automatic Drain Kit: Installation and Service Instructions</p> <p>Detailed installation and service instructions for the Amerec ADK Automatic Drain Kit. This guide covers fitting the kit to Amerec AK/3K and AG/3G Steambath Generators, including plumbing, wiring, motor mounting, operational testing, and troubleshooting. Essential safety warnings and professional installation requirements are highlighted.</p>
	<p>Amerec Sauna Heater Installation and Operating Instructions</p> <p>Comprehensive guide for installing and operating Amerec Pro, Laava, and Octa series sauna heaters with SC control panels. Covers safety, electrical hook-up, operation, maintenance, and troubleshooting.</p>
	<p>Amerec Pro & Laava Sauna Heater Installation and Operating Instructions</p> <p>Detailed installation and operating instructions for Amerec Pro and Laava electric sauna heaters, compatible with SL2-C (SaunaLogic 2) and External Switch controls. This guide covers safety warnings, step-by-step installation, electrical hook-up, wiring diagrams, room construction requirements, ventilation, maintenance, and troubleshooting for models 1105-XXX and 1105-XXX2. Includes essential information for proper setup and use.</p>

 The image shows the top portion of a technical specification sheet for the Amerec AK Series Steam Generator. It includes the Amerec logo, a photograph of the black steam generator unit, and a table of specifications. The table lists various models (AK1, AK2, AK3) and their corresponding BTU output, voltage, and other technical details.	<p>Amerec AK Series Steam Generator Specification Sheet</p> <p>Detailed specification sheet for Amerec AK Series steam generators, covering performance features, control options (K2 Touch Screen, K3 3-Button), sizing guide, electrical and plumbing requirements, and installation instructions.</p>
 The image shows the top portion of an installation guide for the Amerec ComfortFlo Steam Head. It includes the Amerec logo, a photograph of the steam head unit, and a table of specifications. The table lists various models (CF1, CF2, CF3) and their corresponding BTU output, voltage, and other technical details. Below the table, there are diagrams illustrating the installation process, including the connection of the steam line and the placement of the steam head.	<p>Amerec ComfortFlo Steam Head Installation Guide</p> <p>Detailed installation instructions for the Amerec ComfortFlo steam head, covering steam line requirements, safety warnings, and step-by-step assembly for steam generators and boilers.</p>