Noma Outdoor Temperature Activated Block Heater Cord with Timer

Noma Outdoor Temperature Activated Block Heater Cord with Timer - Instruction Manual

Model: Outdoor Temperature Activated Block Heater Cord with Timer

1. Introduction

Thank you for choosing the Noma Outdoor Temperature Activated Block Heater Cord with Timer. This device is designed to efficiently manage the operation of your vehicle's block heater, ensuring it activates only when necessary based on ambient temperature and a programmable timer. This helps conserve energy while providing reliable cold-weather starting for your engine. Please read this manual thoroughly before use to ensure proper operation and safety.



Figure 1: The Noma Outdoor Temperature Activated Block Heater Cord with Timer as seen in its retail packaging, showing the timer unit and the coiled cord.

2. Safety Information

- **Outdoor Use Only:** This product is specifically designed and rated for outdoor use. Ensure all connections are protected from moisture.
- **Electrical Safety:** Always connect the cord to a properly grounded outdoor receptacle. Do not overload the circuit.
- **Cord Care:** Do not run the cord through doorways or windows where it can be pinched. Avoid placing heavy objects on the cord.
- **Temperature Limits:** Do not operate this device outside its specified temperature range.
- **Disconnection:** Always disconnect the power cord from the outlet before performing any maintenance or if the unit is not in use for an extended period.
- **Children and Pets:** Keep the device out of reach of children and pets.

3. Product Features

The Noma Outdoor Temperature Activated Block Heater Cord with Timer combines two essential functions for efficient block heater operation:

- **Temperature Activation:** The unit is designed to automatically activate the connected block heater when the ambient

temperature drops to approximately -10°C (14°F) or below. This ensures the block heater only runs when cold weather necessitates it.

- **Programmable Timer:** In addition to temperature activation, the unit features a programmable timer. This allows you to set specific ON/OFF times for the block heater, providing further control and energy savings. The timer can be set in 15-minute increments.
- **Durable Construction:** Built for outdoor conditions, the cord and timer unit are designed to withstand various weather elements.



Figure 2: A detailed view of the Noma timer unit, showing the digital display, 'Mode', 'Enter', and 'Time' buttons, and the integrated cord.

4. Setup

1. **Unpack:** Carefully remove the block heater cord with timer from its packaging.
2. **Placement:** Position the timer unit and cord in a location where the temperature sensor (integrated into the unit) can accurately read the ambient outdoor temperature. Ensure the unit is not directly exposed to heat sources or direct sunlight, which could affect temperature readings.
3. **Connect Block Heater:** Plug your vehicle's block heater cord into the receptacle on the Noma timer unit.
4. **Connect to Power:** Plug the Noma timer unit's power cord into a standard, grounded 120V outdoor electrical outlet.
5. **Initial Power-Up:** Upon first connection, the digital display may flash or show a default time.

5. Operating Instructions

Setting the Current Time

1. Press and hold the **"Time"** button until the display starts flashing.
2. Use the **"Mode"** button to adjust the hour and the **"Enter"** button to adjust the minutes.
3. Press **"Time"** again to confirm and exit time setting mode.

Programming ON/OFF Times

The timer allows for setting specific periods when the block heater can operate, in conjunction with the temperature activation.

1. Press the **"Mode"** button repeatedly until "PGM" (Program) appears on the display.
2. The display will show "ON 1". Use the **"Time"** and **"Enter"** buttons to set the desired ON time for the first program.
3. Press **"Mode"** again to advance to "OFF 1". Set the desired OFF time using the **"Time"** and **"Enter"** buttons.
4. Repeat for additional ON/OFF programs if desired. The unit typically supports multiple program cycles.
5. Press **"Mode"** until the current time is displayed to exit programming mode.

Temperature Activation Logic

The block heater will only activate if **BOTH** the programmed timer is in an "ON" period **AND** the ambient temperature is at or below approximately -10°C (14°F). If either condition is not met, the block heater will remain off, even if the other condition is satisfied.

6. Maintenance

- **Cleaning:** Periodically wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the unit is unplugged before cleaning.
- **Inspection:** Regularly inspect the cord and plug for any signs of damage, fraying, or corrosion. If damage is found,

discontinue use immediately and replace the unit.

- **Storage:** When not in use, store the unit in a dry, cool place, away from direct sunlight and extreme temperatures.

7. Troubleshooting

Problem	Possible Cause	Solution
Unit not powering on / Display is blank.	No power from outlet; Unit malfunction.	Check the outdoor outlet with another device. Ensure the plug is fully inserted. If still no power, the unit may be faulty.
Block heater not activating.	Temperature not below -10°C; Timer not in "ON" period; Incorrect timer setting; Faulty block heater.	Verify ambient temperature. Check timer program settings. Ensure both temperature and timer conditions are met. Test block heater directly if possible.
Timer losing time / Inaccurate timekeeping.	Internal clock drift.	Reset the current time periodically as needed. This can be a characteristic of some digital timers.
Display flickering or dim.	Low power; Unit malfunction.	Ensure stable power supply. If problem persists, the unit may be faulty.

8. Specifications

Model: Outdoor Temperature Activated Block Heater Cord with Timer

Brand: Noma

ASIN: B01M6TLL3V

Item Weight: Approximately 700 g

Parcel Dimensions: 27.2 x 21.8 x 3.2 cm

Special Feature: On Off Timer, Temperature Activated (approx. -10°C)

Form Factor: Pedestal

Indoor/Outdoor Usage: Outdoor

Power Source: Corded Electric

Heating Method: Radiant (refers to connected device)

Mounting Type: Floor Mount (implied by design)

Fuel Type: Electric

First Available: October 7, 2016

9. Warranty and Support

For warranty information or technical support regarding your Noma Outdoor Temperature Activated Block Heater Cord with Timer, please refer to the product packaging or contact Noma customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.
Noma is committed to providing quality products. If you experience any issues not covered in this manual, please reach out to their support channels for assistance.

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