

Sovelor MG330

Sovelor MG330 Portable Propane Gas Forced Air Heater User Manual

Model: MG330

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, setup, and maintenance of your Sovelor MG330 Portable Propane Gas Forced Air Heater. Please read this manual thoroughly before operating the device and retain it for future reference. The Sovelor MG330 is designed to provide powerful, temporary heating for well-ventilated areas.

2. SAFETY INSTRUCTIONS

Your safety and the safety of others are paramount. Always follow these basic safety precautions to reduce the risk of fire, electric shock, and personal injury.

- **Ventilation:** Operate this heater only in well-ventilated areas. Ensure adequate fresh air supply to prevent oxygen depletion and carbon monoxide buildup.
- **Fuel:** Use only propane gas. Ensure the propane tank is upright, stable, and located at a safe distance from the heater. Check all gas connections for leaks using a soapy water solution before each use.
- **Electrical Connection:** Connect the heater to a properly grounded 230V electrical outlet. Do not use extension cords unless absolutely necessary, and if so, ensure they are rated for the heater's power requirements and are in good condition.
- **Clearance:** Maintain a minimum clearance of 1 meter (3 feet) from combustible materials (e.g., paper, wood, fabric) on all sides of the heater.
- **Supervision:** Never leave the heater unattended while in operation.
- **Children and Pets:** Keep children and pets away from the heater.
- **Flammable Materials:** Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this heater.
- **Maintenance:** Do not attempt to repair or modify the heater. Refer all servicing to qualified personnel.

3. SETUP

Follow these steps to set up your Sovelor MG330 heater:

1. **Unpacking:** Carefully remove the heater and all components from the packaging. Inspect for any shipping damage.
2. **Placement:** Position the heater on a stable, level, non-combustible surface in a well-ventilated area. Ensure adequate clearance from walls and combustible materials.
3. **Propane Connection:**
 - Connect the regulator and hose assembly to the propane tank valve. Tighten securely.
 - Connect the other end of the hose to the gas inlet on the heater.
 - Open the propane tank valve slowly and check all gas connections for leaks using a soapy water solution. Bubbles indicate a leak. If a leak is detected, close the tank valve immediately and tighten connections or replace faulty parts.
4. **Electrical Connection:** Plug the heater's power cord into a grounded 230V, 50Hz electrical outlet.



Figure 1: Sovelor MG330 Portable Propane Gas Forced Air Heater. This image shows the main unit, including the fan, heating element, control panel, and the attached propane hose with regulator, ready for connection to a propane tank.

4. OPERATING INSTRUCTIONS

To operate your Sovelor MG330 heater, follow these steps:

1. **Pre-Operation Check:** Ensure all safety instructions and setup procedures have been followed. Verify

that the propane tank has sufficient fuel and all connections are secure and leak-free.

2. **Power On:** Turn the main power switch on the heater to the "ON" position. The fan should start operating.
3. **Gas Supply:** Slowly open the valve on the propane tank completely.
4. **Ignition (Manual):** Press and hold the gas valve button on the heater. While holding, press the igniter button repeatedly until the burner ignites. Continue to hold the gas valve button for approximately 10-15 seconds after ignition to allow the thermocouple to heat up and hold the flame.
5. **Flame Check:** Visually confirm that the burner is lit and producing a stable flame.
6. **Adjust Heat Output:** If your model has a variable heat setting, adjust the control knob to the desired heat output (e.g., 18kW or 33kW for MG330).

Shut Down Procedure:

1. Close the valve on the propane tank completely.
2. Allow the heater to run until all residual gas in the hose is consumed and the flame extinguishes. This may take a few minutes.
3. Turn the main power switch on the heater to the "OFF" position.
4. Unplug the power cord from the electrical outlet.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your heater.

- **Cleaning:** Keep the heater clean and free from dust and debris. Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents. Ensure the fan blades are clear of obstructions.
- **Gas Hose and Regulator:** Periodically inspect the gas hose and regulator for cracks, cuts, or damage. Replace immediately if any damage is found.
- **Electrical Cord:** Check the power cord for any signs of damage or fraying.
- **Storage:** When not in use, store the heater in a dry, clean place, away from direct sunlight and extreme temperatures. Disconnect the propane tank and store it separately according to local regulations.
- **Annual Inspection:** It is recommended to have the heater inspected annually by a qualified service technician.

6. TROUBLESHOOTING

If you encounter issues with your Sovelor MG330 heater, refer to the following common problems and solutions:

| Problem | Possible Cause | Solution |
|-------------------------|--|---|
| Heater does not ignite. | No propane supply, faulty igniter, gas valve not held long enough, low gas pressure. | Check propane tank level and valve. Ensure igniter sparks. Hold gas valve button for 10-15 seconds after ignition. Check regulator. |

| Problem | Possible Cause | Solution |
|--------------------------------|--|---|
| Flame goes out after ignition. | Thermocouple not heated sufficiently, faulty thermocouple, low gas pressure. | Hold gas valve button longer. Ensure thermocouple is clean and positioned correctly. Check gas supply. |
| Fan does not operate. | No electrical power, faulty motor, obstructed fan. | Check power cord and outlet. Ensure power switch is ON. Clear any obstructions from the fan. |
| Smell of gas. | Gas leak. | Immediately shut off propane supply. Ventilate area. Check all connections with soapy water. Do not operate until leak is resolved. |

If problems persist after attempting these solutions, contact qualified service personnel.

7. SPECIFICATIONS

The following table details the technical specifications for the Sovelor MG330 model:

| Type | | MG 170 | MG 330 |
|-----------------------------------|--------|-----------------|-----------------|
| Carrosserie | | Inox | Inox |
| Puissance calorifique mini / maxi | KW | 10 / 16 | 18 / 33 |
| | Kcal/H | 8 600 / 13 760 | 15 480 / 28 380 |
| Débit d'air | M³/H | 300 | 1 000 |
| Alimentation électrique | V/Hz | 230 V~1 50 | 230 V~1 50 |
| Puissance électrique | W | 53 | 60 |
| Consommation gaz mini / maxi | Kg/H | 0.75 / 1.16 | 1.2 / 2.4 |
| Indice de protection | | IPX4 | IPX4 |
| Dimensions L x l x H | mm | 471 x 188 x 293 | 552 x 220 x 342 |
| Poids | Kg | 4.5 | 7.5 |

Figure 2: Technical specifications comparing Sovelor MG170 and MG330 models. This table provides detailed information on power, air flow, electrical supply, gas consumption, and dimensions.

| Characteristic | Unit | MG330 Value |
|----------------|------|-------------|
|----------------|------|-------------|

| Characteristic | Unit | MG330 Value |
|-----------------------------|--------|------------------------|
| Body Material | - | Stainless Steel (Inox) |
| Heat Output (min / max) | kW | 18 / 33 |
| Heat Output (min / max) | Kcal/H | 15480 / 28380 |
| Air Flow | M³/H | 1000 |
| Electrical Supply | V/Hz | 230 V~1 50 |
| Electrical Power | W | 60 |
| Gas Consumption (min / max) | Kg/H | 1.2 / 2.4 |
| Protection Index | - | IPX4 |
| Dimensions (L x W x H) | mm | 552 x 220 x 342 |
| Weight | Kg | 7.5 |

Additional specifications from product data:

- **Manufacturer:** Sovelor
- **Model Reference:** MG330
- **Batteries Required:** No
- **ASIN:** B07Z41BL41
- **First Available on Amazon.fr:** April 9, 2021

8. WARRANTY AND SUPPORT

Specific warranty information for the Sovelor MG330 is not available in the provided product data. For warranty details, please refer to the documentation included with your purchase or contact the retailer or manufacturer directly.

For technical support or service inquiries, please contact Sovelor customer service or the authorized dealer from whom you purchased the product. Always provide your model number (MG330) and purchase date when seeking support.

© 2023 Sovelor. All rights reserved.

This manual is for informational purposes only. Sovelor reserves the right to make changes without prior notice.

Related Documents - MG330



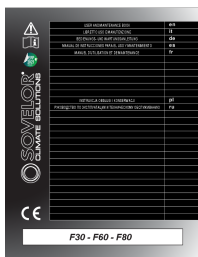
[SOVELOR MINISUN Air Heater: User and Maintenance Manual](#)

Comprehensive user and maintenance manual for the SOVELOR MINISUN portable diesel/kerosene air heater. This guide provides detailed technical specifications, safety instructions, operation procedures, maintenance schedules, troubleshooting tips, wiring diagrams, and a complete parts breakdown for professional applications.



[Sovelor Autogaz Heater User and Maintenance Manual](#)

Comprehensive user and maintenance manual for the Sovelor Autogaz portable gas heater, covering installation, operation, safety, troubleshooting, and technical specifications. Includes parts list and diagrams.



[Generatori di Aria Calda Sovelor F30/F60/F80: Manuale d'Uso e Manutenzione](#)

Manuale completo per i generatori di aria calda Sovelor F30, F60 e F80. Include istruzioni dettagliate per installazione, uso, manutenzione e risoluzione problemi per un funzionamento sicuro ed efficiente.