



OUELLET OCL Series Convection and Fan Heater Installation Guide

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OUELLET OCL Series Convection and Fan Heater



Product Specifications

Model: OCL SeriesManufacturer: Ouellet

• Location: 180, 3rd Avenue, L'Islet, Quebec, G0R 2C0, CANADA

• Contact: Tel.: 1-800-463-7043, Fax: 1-800-662-7801

• Website: www.ouellet.com

Product Usage Instructions

Important Safety Instructions:

- 1. Read all instructions before installing or using the heater.
- 2. Avoid touching hot surfaces to prevent burns.
- 3. Keep combustible materials at least 36 inches away from the heater.
- 4. Do not use the heater near children or invalids unsupervised.
- 5. Disconnect power and have the heater inspected if it malfunctions.

General Usage Guidelines:

- Do not use the heater outdoors.
- Always turn off the power at the main disconnect panel before disconnecting the heater.
- Avoid inserting foreign objects into exhaust openings.
- Ensure air intake and exhaust are not blocked.
- Avoid using the heater in areas with flammable materials.

Specific Instructions for the American Version:

Some models include a visual alarm for excessive heat. If the alarm light turns on, immediately turn off the heater and inspect for obstructions. If no obstruction is found, contact a qualified person for inspection.

Thermostat Caution:

The thermostat may not be infallible in critical temperature maintenance situations. Consider adding a monitoring system for critical applications like hazardous material storage or server rooms to prevent thermostat failures.

Surface Wall Mounting Instructions:

Locate the power supply leads behind the planned mounting location.

WARNING

When using electrical appliances, basic precautions should always be taken to reduce the risk of fire, electrical shock, and injury, including the following.

Read carefully these instructions before installation, and operation of the heater. Failure to adhere to the instructions could result in fire, electric shock, serious personal injury, and death or property damage. Review frequently for continuing safe operation and instruction of future users, if necessary.

IMPORTANT INSTRUCTIONS

- 1. Read all instructions before installing or using this heater.
- 2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, like furniture, pillows, bedding, papers, clothes, and curtains at least 36 in. (915 mm) from the front of the heater and away from the sides.
- 3. Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- 4. Do not operate any heater after it malfunctions. Disconnect power at the service panel and have the heater inspected by a qualified electrician before reusing it.
- 5. Do not use outdoors.
- 6. To disconnect the heater, turn off the power to the heater circuit at the main disconnect panel.
- 7. Do not insert or allow foreign objects to enter any exhaust opening as this may cause an electric shock or fire, or damage the heater.
- 8. Do not block air intakes or exhaust in any way whatsoever.
- 9. This heater has hot and arcing or sparking parts inside. Do not use it in areas where gasoline, paint, or flammable liquids are used or stored.
- 10. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury.
- 11. The heater has been designed and certified for ambient heating only. The maximum ambient operating temperature is 30 °C (86 °F).
- 12. The heater is not designed for use in a humid environment where condensation may form on the device.
- 13. AMERICAN VERSION ONLY: Some models (up to 240V) include a visual alarm to warn that parts of the heater are getting excessively hot. If the light turns on, immediately turn the heater off and inspect for any objects on or adjacent to the heater that may have blocked the airflow or otherwise caused high temperatures to have occurred. If no obstruction is visible, the heater must be checked by a qualified person. DO NOT OPERATE THE HEATER WITH THE ALARM LIGHT IS ON.

14. The thermostat should not be considered an infallible device in cases where maintaining a temperature is considered critical. Examples: Hazardous material storage, computer server room, etc. In these particular cases, it is imperative to add a monitoring system to avoid the consequences of a thermostat failure.

INSTALLATION INSTRUCTIONS

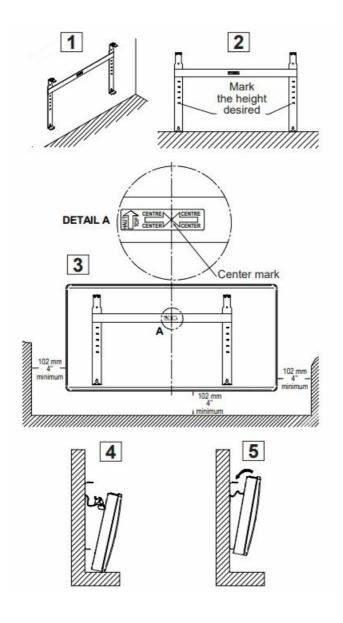
The installation of this heater must be executed by a qualified person, where required by law.

CAUTION:

- Use supply wires suitable for 90 °C (194 °F). For bathroom use, the heater must be installed so that switches and other controls cannot be touched by anyone in the bath or shower.
- This product is not recommended with the ground fault circuit interrupter (GFCI). The humidity in the air can generate a leakage current higher than the limit of the GFCI w h i c h will cause the product to stop.

SURFACE WALL MOUNTING;

- Locate the power supply leads behind the heater's planned location. The recommended clearance below the
 heater base to the floor is 4 in. (102 mm) minimum. Allow 4 in. (102 mm) minimum clearance between the
 heater's sides and any adjacent walls and 12 in. (305 mm) above. The leads shall be at the right of the wall
 bracket.
- 2. Learn the bottom of the wall bracket on the floor and mark with a pencil the height desired (of the heater bottom) using the holes with inches written on the side.
- 3. Secure the wall bracket with the 4 screws supplied. Use drywall anchors (not supplied) if required. The bottom of the keyholes shall be in line with the previous marks. The triangle mark on the horizontal bar is the center of the heater. Before installing wall support, align the center of the heater with the support center mark and make sure the heater sides are at least 4 in. (102 mm) from any adjacent walls.
- 4. Untighten the wire holder (for Loomex cable) and make electrical connections by having the heater the nearest possible to the electrical wire. The For BX cable, remove one of the two knockouts, install a connector (not furnished), and have 6 to 8 in. (15 to 20 cm) of free wire and get them out of the hole of the wire holder to make connections from outside. Do not forget to connect the green wire to the ground wire to have a safe grounded heater.
- 5. Once the connection re completed, place bthe obottomT slots in the base part of the support, and clip the upper side of the body in the upper U-shaped part of the support.
- 6. Do not let the excess of the supply wire come in contact with the back of the heater, as well as any other object.
- 7. Put the main power on.



CAUTION:

- High temperature, risk of fire, keep electrical cords, drapery, furnishings, and other combustibles at least 36 in.
 (915 mm) from the front of the heater and away from the sides. To reduce the risk of fire, do not store or use gasoline or other flammable vapors and liquids in the vicinity of the heater.
- In addition to ensuring that the clearance distances set out above are respected, ensure that the framing
 materials, insulation, and finishing which are likely to be in contact with or close to the device can withstand
 temperatures of at least 90 °C (194 °F).

IMPORTANT

Do not obstruct the front of the heater for at least 48 in. (1200 mm).

OPTIONS:

All heating equipment and options must be installed by local and national codes. Built-in relay:

- Refer to the diagram included with the relay option for connections.
- Rto that the instructions supplied with the option for mounting.

OPERATING INSTRUCTIONS

• The heater must be properly installed before it is used.

- Turn the power on at the circuit breaker panel.
- Electronic thermostat: Set the thermostat temperature at the desired room temperature.

CONTROL

Model with built-in electronic thermostat:

The electronic thermostat shall keep the room temperature in a range of \pm 1 °C (\pm 2 °F) unless the room is not well insulated or the heater is too or not enough powerful for the room.

Model without control:

Maintain room temperature by a line-voltage wall thermostat approved for residential heating. Even if it is not mandatory, an electronic thermostat gives better performance than a conventional thermostat.

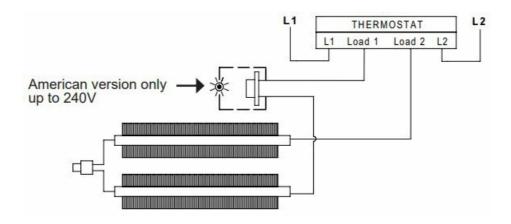
MAINTENANCE INSTRUCTIONS

- 1. Once a year, remove the front panel and use a vacuum cleaner to remove the dust accumulation inside the heater and through openings of the front panel.
- 2. Cleaning should be done while the heater is disconnected from the main service panel. Wait until the housing and heating element cool before performing maintenance.
- 3. Replace the front panel before energizing.
- 4. A qualified technician should perform any other servicing.

WIRING DIAGRAM

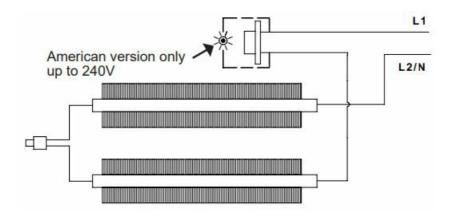
Wiring Diagram:

Model with built-in electronic thermostat



Wiring Diagram:

Model without control



WARRANTY

Please refer to the product sheet at www.ouellet.com.

ABOUT COMPANY

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FAQ

· Can this heater be used outdoors?

No, this heater is not recommended for outdoor use as per safety guidelines.

· What should I do if the heater malfunctions?

Disconnect power at the service panel and have the heater inspected by a qualified electrician before reusing it.

Documents / Resources



OUELLET OCL Series Convection and Fan Heater [pdf] Installation Guide INS646-202311-02, OCL Series Convection and Fan Heater, OCL Series, Convection and Fan

Heater, Fan Heater, Heater

References

User Manual

Manuals+, Privacy Policy

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