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## INSTRUCTIONS OCC-RF Series

**WARNING**

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

This instruction contains the necessary information for the installation, use and effective operation of this product. Not following guidelines of this instruction and the rules of basic safety when using electrical appliances can cause fire, electric shock, serious injury, death or property damage. You should always keep this instruction in order, to ensure safe operation. The manufacturer can not be held responsible for anything and warranty will be invalid if the installer and the user does not meet the guidelines of this instruction.

This product must be used in accordance with electrical codes and building codes in your area.

## IMPORTANT INSTRUCTIONS

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- 1- Read carefully these instructions before 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 5 ft. (1.53 m) from the front of the heater and keep them away from the sides and rear when in use.
- 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 malfunction. Disconnect power at service panel and have heater inspected by a qualified service personnel before reusing.

- 5- A heater has hot and arcing or sparking parts inside.

### This heater is not intended and not approved for:

- Use in abnormally humid area, wet, dusty or contain flammable liquids, combustible materials or corrosive, abrasive, chemical, explosive, such as but not limited to, paint, gasoline, chlorine, sawdust and cleaning products.
- Use in bathrooms, laundry areas and similar indoor locations.
- Use in corrosive atmospheres such as marine, green house or chemical storage areas.
- Drying clothes.
- An outdoor use.

If you need to heat a location with the characteristics listed above, purchase a heater designed for those applications. We recommend that you check what kind of product is suitable for your application with your insurance company, CSA or other certification and/or consult electrical codes and building codes in your area.

Make sure the heater is appropriate for the intended use (if needed, refer you to a specialist in heating).

ALWAYS PLACE THE HEATER TO AN ADEQUATE LOCATION.

The manufacturer does not warrant these products when used in inappropriate places and will not be liable in any way related to poor selection of the heating product.

- 6- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- 7- To prevent a possible fire, do not block air intakes or exhaust in any manner.
- 8- The heater has been designed and certified for ambient heating only. The maximum ambient operating temperature is 30 °C (86 °F).
- 9- The heater is not designed for use in a humid environment where condensation may form on the device.
- 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 to persons.
- 11- Respect all clearances mentioned in the “INSTALLATION INSTRUCTIONS” section.
- 12- Protect the heater with the appropriate circuit breaker or fuse, in accordance with the nameplate.
- 13- Make sure the supply voltage (Volts) corresponds to the one indicated on the nameplate.
- 14- If the installer or the user modifies the product in any way, it will be liable for any damage resulting from this modification and CSA certification could be void.
- 15- 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.

## SAVE THESE INSTRUCTIONS

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# INSTALLATION INSTRUCTIONS

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

- 1- To avoid possible electrical shock, disconnect all power at the main panel prior to wiring, cleaning or servicing.
- 2- When installed, heater must be electrically grounded in accordance with the National Electrical Code.
- 3- Connect heater only to voltage and phase specified on nameplate.
- 4- Field wiring must be properly sized to carry the amperage of the heater.
- 5- Connect the heater leads to the supply leads according to the wiring diagram of these instructions in accordance with local and national codes.
- 6- The wiring connection must be made in a junction box (not included).
- 7- To prevent possible overheating keep at least 5 ft. (1.53 m) clearance in front of heater.
- 8- Wall or ceiling mounting.
- 9- Heater may be mounted for horizontal air discharge only.
- 10- Do not install the back and sides of the heater less than 3 ½ in. (90 mm) from the walls. Do not install the top of heater less than 6 in. (150 mm) from ceiling.
- 11- 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).
- 12- The wall or the ceiling must be able to support the combined weight of the heater and the mounting bracket 11 lbs (5 kg).
- 13- Fix the bracket to the wall or the ceiling structural members with the supplied screws. DO NOT USE KEYHOLE SLOTS. USE CIRCULAR HOLES ONLY.
- 14- Do not operate heater without fixing it to its mounting bracket.
- 15- To disconnect heater, rotate thermostat knob full counter-clockwise, and turn off power to heater circuit at main disconnect panel.
- 16- Do not operate any heater after it malfunctions. Disconnect power at service panel and have heater inspected by a qualified service personnel before reusing.

# USER GUIDE

- 1- The heater must be properly installed before it is used.
- 2- Turn the power on at the circuit breaker panel.  
AMERICAN VERSION ONLY: An amber light is lit to indicate that the power is on.
- 3- Rotate thermostat knob full clockwise. The fan will start and the element will heat.
- 4- When the desired temperature is reached, turn the thermostat counter-clockwise slowly until you hear a click. To set the room temperature, turn slowly the thermostat clockwise or counter-clockwise.

## To turn off heater:

Rotate thermostat knob full counter-clockwise.

# MAINTENANCE

The motor of this heater is permanently lubricated. It is the responsibility of the user to evaluate whether to clean the heater according to the amount of dirt accumulated on the air inlets and outlets as well as inside of the heater. Accumulated dirt can lead to a component malfunction. There is a fire hazard if the product is not installed and maintained in accordance with these guidelines.

To clean the heater :

- 1- Disconnect all power at the main panel prior to cleaning or servicing.
- 2- Clean the air inlet grille with a vacuum cleaner with a brush, with a damp cloth and mild soap. Do not use chemical or flammable cleaning. If necessary, the heater may be dusted with a compressed air jet.

# WARRANTY

Please refer to the product sheet at [www.ouellet.com](http://www.ouellet.com).

## Wiring Diagram

