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## INSTRUCTIONS "WCI" 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.

**Read carefully** these instructions before installation, 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.
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 service panel and have heater inspected by a reputable electrician before reusing.
5- Do not use outdoors.
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- Do not block air intakes or exhaust in any way whatsoever.
8- 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.
9- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury.
10- **AMERICAN VERSION ONLY:** Some models (up to 6000W maximum and 240V maximum) 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 occured. 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**.
11- The thermostat should not be considered as an infallible system where maintaining a temperature is considered critical. Examples: Hazardous material storage, computer room, etc. In these particular cases, it is imperative to add a monitoring system to avoid the consequences of a failure of the thermostat.

# INSTALLATION INSTRUCTIONS

**RECESS MOUNTING:**

1- Heater must be used with recess box.
2- Never install warm air outlet of heater less than 10 in. (250 mm) from floor or adjacent wall.
3- Provide a wall opening as:
Depth : 4 5/16 in. (109 mm)
Height : 19 7/8 in. (506 mm)
Length : - Single unit : 14 7/16 in. (368 mm)
- Double unit : 30 3/16 in. (767 mm)
- Triple unit : 46 5/8 in. (1185 mm)
4- Remove the appropriate knock-out from the recess box for the electrical supply.
5- Attach firmly the recess box using provided screws. Make sure that the edge on each side of the recess box lean on the drywall and not on the structural parts of the wall. See marking on the sides of the recess box.
6- Install the heater to the recess box and be sure that the heater is attach firmly with four (4) provided screws.
7- Connect the heater leads to the supply leads according to national and local codes. See wiring diagram in the front cover of the heater.
8- Make sure the fan rotates freely and that there is no foreign object in the heater.
9- Install the front cover using the provided screws. IMPORTANT: To insure that the front cover is not upside down, check if the logo is in the correct orientation.
10- To test the heater temporarily, set thermostat at maximum temperature.

**SURFACE MOUNTING:**

1- The surface box must be used with recess box.
2- Never install warm air outlet of heater less than 10 in. (250 mm) from floor or adjacent wall.
3- Locate the power supply leads behind the planned location of the heater (surface box).
4- Mount the surface box securely to the wall with provided screws.
5- Insert the front cover supports (top and bottom) in the surface box before reinstalling the front cover.
6- Follow instructions 4 to 10 as above for recess mounting.

**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. To reduce the risk of fire, do not store or use gasoline or other flammable vapors and liquids in the vicinity of the heater.

**IMPORTANT**

1- Do not obstruct front of heater for at least 48 in. (1220 mm).
2- Any remote thermostat or relay must be connected to the heater control terminal block.
3- Do not interrupt power supply to control this heater.

# OPERATING INSTRUCTIONS

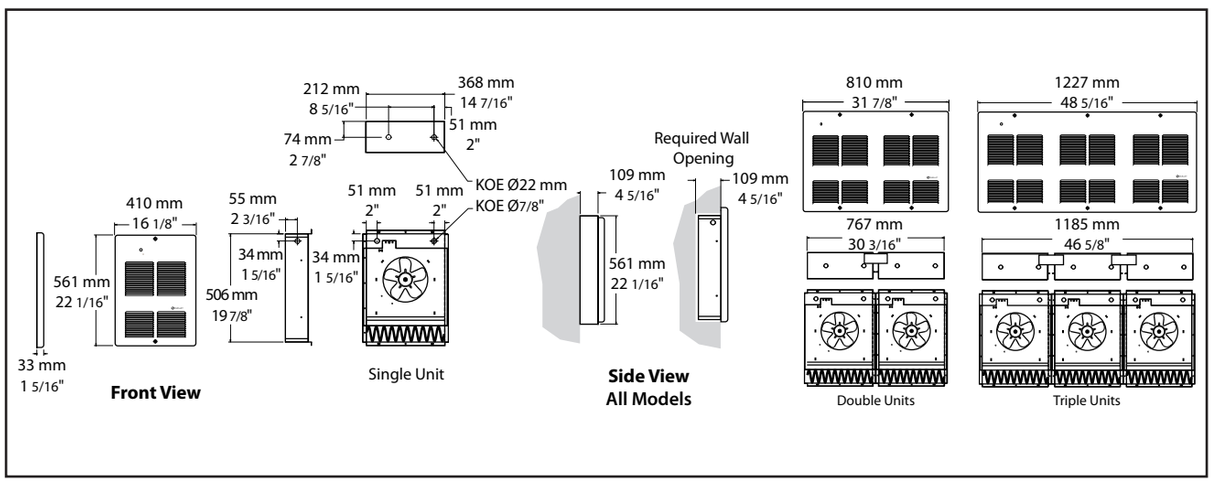
1- The heater must be properly installed before it is used.
2- Turn the power on at the circuit breaker panel.
3- Electronic thermostat: be sure to set it on the fan mode.
4- Built-in thermostat: to set thermostat at the desired temperature, follow these steps:
- Set thermostat at maximum temperature (turn clockwise).
- When the desired temperature is reached, turn the thermostat counter-clockwise slowly until you hear a "click".
- The thermostat will keep this room temperature.
5- Built-in thermostat with control knob, the setting can be done with the supplied knob, located on the front cover.
6- Built-in tamperproof thermostat: the setting can be done through the hole in the front cover with a small slotted screwdriver.
7- **AMERICAN VERSION ONLY**:
Some models (up to 6000W maximum and 240V maximum) 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 occured.
**DO NOT OPERATE THE HEATER WITH THE ALARM LIGHT IS ON.**

# 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- Any other servicing should be performed by a qualified technician.

# WARRANTY

The manufacturer warrants the component parts of its products against defects in material and workmanship for a one year period following the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. The obligation of the manufacturer, under the terms of this warranty, will be to supply a new unit and this releases the manufacturer from paying the installation costs or other secondary charges linked to replacing the unit or the component part(s).




SAVE THESE INSTRUCTIONS

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