

Large Ceiling Heater LPWC Series



Model Code:

| LPW | 12 | 27 | C |
|---|----|----|---|
| A | B | C | D |
| A: Series | | | |
| B: 12 - 120V 24 - 240V 20 - 208V 27 - 277V | | | |
| C: Watts (1250 to 4500) | | | |
| D: C - Ceiling G - Ground | | | |



- Pic-A-Watt® element
- Long life unit bearing motor
- Heat/Fan/Off tamperproof disconnect switch
- 5-Bladed Aluminum fan
- Patented Smart Limit Protection®
- Multiple wattages
- Ceiling mount
- Standard color: white (almond optional)
- 20 gauge powder-coated grill
- 120, 208, 240, or 277 volts
- 5-year limited warranty



Large Pic-A-Watt Ceiling Heater

Designed for commercial and industrial applications, the LPWC offers a high-capacity, heavy-duty ceiling heater where wall space is not available. King's exclusive dual Pic-A-Watt steel fin elements allow customers to select from a range of wattage options, tailoring the heater to an area's specific heating requirements. Available wattages range between 1250 to 4500 watts. Now comes standard w/ Heat/Fan/Off tamperproof disconnect switch. It has a fan delay to help dissipate heat from the steel plate fin elements thereby prolonging heater life and increasing energy efficiency.

Ordering Information *Add suffix -W for White Grill or -A for Almond Grill color

| MODEL | VOLTS | WATTS | AMPS | SHIP WEIGHT lbs |
|------------|-------|---|-----------|-----------------|
| LPW1222C-W | 120 | 1250•1500•1750•2000•2250 | 10.4-18.8 | 19 lbs |
| LPW2040C-W | 208 | 2250•2750•3000•3250•3500•3750•4000 | 10.8-19.2 | 19 lbs |
| LPW2445C-W | 240 | 2250•2750•3000•3250•3500•3750•4000•4500 | 9.4-16.7 | 19 lbs |
| LPW2740C-W | 277 | 2000•3000•4000 | 7.2-14.4 | 19 lbs |

Accessories

| MODEL | UPC | DESCRIPTION | SHIP WEIGHT lbs |
|------------|-------|--|-----------------|
| LPWCT-1-TP | 19372 | Field Installed SP Thermostat Kit -Tamperproof | 0.3 lbs |
| LPWC-G-W | N/A | T-BAR GRID adapter 2X2 FOR LPWC | 6.0 lbs |
| UWSA-C | 12598 | Ceiling Surface Can | 7.5 lbs |

Engineering Specifications

Contractor shall supply and install LPWC Series ceiling-mounted forced-air electric heaters manufactured by King Electrical Mfg. Co. of the wattage and voltage as indicated on the plans.

Motor: Permanently lubricated, unit bearing motor. 20cc of oil. Enclosed motor for long-lasting, trouble-free operation. Thermally protected. 1300 RPM.

Fan: High efficiency, dynamically balanced, 5-bladed aluminum impeller fan. 185 CFM.

Elements: 3 steel sheathed heating tubes in a furnace-brazed, plate-finned, block design containing coiled Ni-Chrome wire embedded in a Magnesium Oxide insulator. Assembly provides up to 7 possible wattage configurations available for field installation selection. The use of external resistors, diodes, or other weak links to obtain multiple wattages will not be accepted.

Heat/Fan/Off Tamperproof Disconnect Switch: The DPST off switch provides a "positive off" that disconnects all ungrounded conductors. 3 position switch provides heating and summer fan-only operation.

Thermal Overload: Heaters shall be equipped with King's patented thermal overload Smart Limit Protection, which disconnects elements and motor in the event normal operating temperatures are exceeded. If thermal overload shall remain open until manually reset by turning the heater off for fifteen minutes.

Fan Delay Switch: Fan continues to operate after thermostat shuts off to remove residual heat left in element.

Wall-box: 20 gauge electro-galvanized steel. Factory installed ground wire. Zero clearance to insulation. Optional surface box.

Grill: 20 gauge steel finished in a gloss white powder-coated paint.

Approvals: cULus (E41422)

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Dimensional Data

