

Electronic Wall Heater LPW ECO2S Series



Model Code:

LPW 24 45 -T -A -0G
A B C D E F

A: Series
B: 12 - 120V 24 - 240V
20 - 208V 27 - 270V
C: Watts (1250 to 4500)
D: Thermostat (optional)
E: Color
F: Retrofit Grill



- Modern Curved Design
- ECO2S Electronic Controller
- Energy Efficient 2-Stage Heating
- Fan Only & Timer Modes
- Remote Control Included
- Dual Pic-A-Watt® Elements
- Patented Smart Limit Protection®
- 5-Blade Aluminum Fan
- 20 Gauge Powder-Coated Grill
- Long Life Unit Bearing Motor
- Standard Color: White
- Design Colors Available
- 120, 208, or 240 Volts
- 5-Year Limited Warranty



The LPW ECO2S Series Electronic 2-Stage Smart Wall Heater w/ Remote

King redefines comfort with the smart series LPW ECO2S. Combining a sleek and modern architectural design with the unparalleled performance, energy efficiency and user control of the ECO2S 2-stage electronic controller with remote. The LPW ECO2S delivers maximum energy efficiency with automatic 2-stage heating, automatically uses the lowest wattage needed to heat the room. Includes both fan only and timer mode options, as well as a remote control for simple operation. 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, up to 4500W. An ideal choice for both residential and commercial applications.

ECO2S Electronic Controller Features:

- Electronic control for accuracy
- Energy-saving automatic 2-stage heating
- Large LED display
- Remote control and wall bracket included
- Thermostat timer mode (1-9 Hours)
- Fan only mode
- Built-In fan delay



Engineering Specifications

Contractor shall supply and install LPW-ECO2S Series in-wall mounted forced-air electric heaters manufactured by King Electrical Mfg. Company, of the wattage and voltage as indicated on the plans.

Motor: Heavy-duty, cast iron, unit bearing, permanently lubricated with 20cc oil reservoir, 1440 RPM. Enclosed impedance protected with intake air cooling motor for increased bearing life.

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

Electronic Control: Up, down temperature mode. Start/Stop. Standard on all heaters. The control voltage is equal to the line voltage.

Elements: Element assemblies shall consist of three steel sheathed heating tubes in a furnace-brazed, plate-finned, block design. Each sheathed tube shall contain coiled Ni-Chrome wire, embedded in an insulator of Magnesium Oxide. The element assembly shall provide up to six (6) possible wattage configurations available for selection during field installation. The use of external resistors, diodes, or other weak links to obtain multiple wattages will not be accepted.

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 trips due to abnormal operating temperatures, thermal overload shall remain open until manually reset by turning the heater off for 15 minutes.

Fan / Heat / Off: Electronic Controller provides heating and summer fan-only operation.

Wall-box: 20 gauge electro-galvanized steel with factory installed ground-wire. Minimum 4" clearance to floors and 6" to sidewalls. Zero clearance to combustibles in the wall. Recommended 10" clearance to floors and 16" to sidewalls.

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

Options: Wired for remote thermostat, retrofit grill, and surface wall-box.

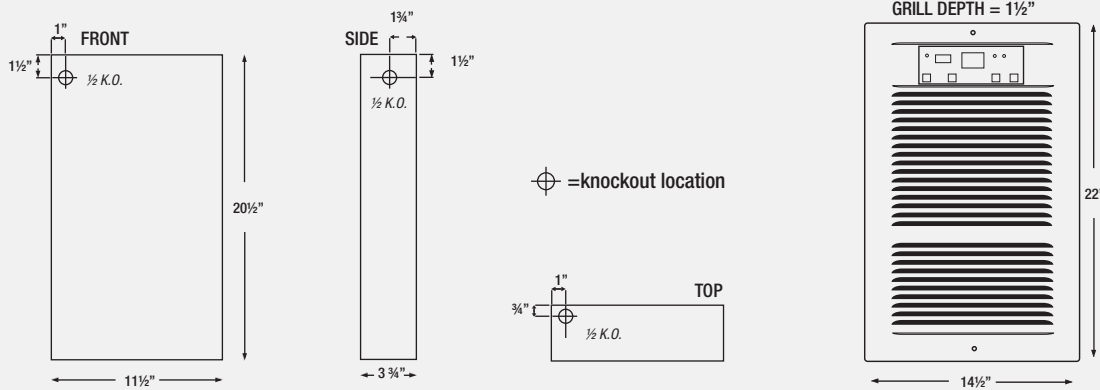
Approvals: cULus

Electronic Wall Heater LPW ECO2S Series



Pic-A-Watt
Selectable Wattage Element

Dimensional Data



Ordering Information *Add suffix -A for optional Almondine color -GR for optional Brush Nickel color -BZ for optional Bronze color

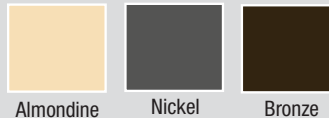
MODEL	UPC	VOLTS	WATTS	AMPS	SHIP WEIGHT lbs
LPW1227-ECO	17261	120	1500•1750•2000•2250•2500•2750	10.4-22.9	19
LPW2045-ECO	17262	208	2500•3000•3500•4000•4500	10.8-21.6	19
LPW2445-ECO	11050	240/208*	2500•3000•3500•4000•4500	9.4-18.8	19

*Dual rated heaters will draw 13% less amps and 25% less wattage when operated at 208V.

Options

ADD SUFFIX	DESCRIPTION	WEIGHT lbs
-A	Almondine Color	19
-BR	Bronze Color	19
-GR	Nickel Color	19
-I	Interior and Grill Only (no wall can)	12.5
-H	Interior Only (no wall can or grill)	8.5

DESIGNER COLORS AVAILABLE



Accessories

MODEL	DESCRIPTION	WEIGHT lbs
UWIC	Recess Wall Can	6.5
LPWSC-S2-W	LPW Series 2 Surface Can - White Color	7.5
LPWSC-S2-A	LPW Series 2 Surface Can - Almondine Color	7.5
LPWSC-S2-BRZ	LPW Series 2 Surface Can - Bronze Color	7.5
LPWSC-S2-GR	LPW Series 2 Surface Can - Nickel Color	7.5
LPWG-ECO-W	LPW ECO Grill - White Color	4.5
LPWG-ECO-A	LPW ECO Grill - Almondine Color	4.5
LPWG-ECO-BRZ	LPW ECO Grill - Bronze Color	4.5
LPWG-ECO-GR	LPW ECO Grill - Nickel Color	4.5

Exploded View



LPWSC-S2-W

