

# Large Wall Heater LPW ComfortCraft Series 2

**Model Code:**

LPW 24 45 -T -S2 -WD  
A B C D E F

- A: Series
- B: 12 - 120V 24 - 240V  
20 - 208V 27 - 277V
- C: Watts (1250 to 4500)
- D: Thermostat (optional)
- E: Series 2
- F: Color

## ComfortCraft



With U.S. & Global Materials

- Modern curved design
- Dual Pic-A-Watt® elements
- Multiple wattage options
- Long life unit bearing motor
- 5-blade aluminum fan
- 20 Gauge powder-coated grill
- Selector switch: Heat/Fan/Off-Disconnect
- Patented Smart Limit Protection®
- Standard color: white dove
- Design colors available
- 120, 208, 240, or 277 volts
- 5-year limited warranty

## The LPW ComfortCraft Series 2 Large Wall Heater

**King redefines comfort with a sleek and modern new architectural design.** Offerings higher output than our industry leading PAW heater. 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. With up to 4500W, this is our most popular large wall heater, used in both residential and commercial applications. Standard with a 3-position (Heat/Fan/OFF-DISCONNECT) selector switch, it has a fan delay to help dissipate heat from the high-mass steel plate fin elements thereby prolonging heater life and increasing energy efficiency. The high quality built-in thermostat has degrees on the label so temperature selection is easy and accurate.

### DESIGNER COLORS AVAILABLE



**"Complete" Stock Models** For other color grill options use "Order A la Carte" chart below to build your own complete heater.

BASE MODEL	VOLTS	COLOR	WATTS	AMPS	SHIP WEIGHT lbs
LPW1227-T-S2-WD-R	120	White Dove	1250•1500•1750•2000•2750	10.4 - 22.9	19.0
LPW1227-T-S2-AD-R	120	Almondine	1250•1500•1750•2000•2750	10.4 - 22.9	19.0
LPW1227-T-S2-SN-R	120	Satin Nickel	1250•1500•1750•2000•2750	10.4 - 22.9	19.0
LPW1227-T-S2-OB-R	120	Oiled Bronze	1250•1500•1750•2000•2750	10.4 - 22.9	19.0
LPW2045-T-S2-WD-R	208	White Dove	2250•2750•3000•3250•3500•3750•4000•4500	10.8 - 21.6	19.0
LPW2045-T-S2-AD-R	208	Almondine	2250•2750•3000•3250•3500•3750•4000•4500	10.8 - 21.6	19.0
LPW2045-T-S2-SN-R	208	Satin Nickel	2250•2750•3000•3250•3500•3750•4000•4500	10.8 - 21.6	19.0
LPW2045-T-S2-OB-R	208	Oiled Bronze	2250•2750•3000•3250•3500•3750•4000•4500	10.8 - 21.6	19.0
LPW2445-T-S2-WD-R	240/208*	White Dove	2250•2750•3000•3250•3500•3750•4000•4500	9.4 - 18.8	19.0
LPW2445-T-S2-AD-R	240/208*	Almondine	2250•2750•3000•3250•3500•3750•4000•4500	9.4 - 18.8	19.0
LPW2445-T-S2-SN-R	240/208*	Satin Nickel	2250•2750•3000•3250•3500•3750•4000•4500	9.4 - 18.8	19.0
LPW2445-T-S2-OB-R	240/208*	Oiled Bronze	2250•2750•3000•3250•3500•3750•4000•4500	9.4 - 18.8	19.0
LPW2740-T-S2-WD-R	277	White Dove	2000•3000•4000	7.2 - 14.4	19.0
LPW2740-T-S2-AD-R	277	Almondine	2000•3000•4000	7.2 - 14.4	19.0
LPW2740-T-S2-SN-R	277	Satin Nickel	2000•3000•4000	7.2 - 14.4	19.0

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

**NOTE:** Not all configurations listed above are stock items (A+ or A stock code). Refer to price book for the Stock code. For non-stock items refer to the table below to order heater parts separately.

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**Order A'la Carte** \*\*To build your own "Complete" with designer grill options (not noted above) select HRC model of proper voltage and LPWG grill model of proper color.

**STEP 1:** Order Heatbox Interior and Recessed Wall Can

ADD SUFFIX	UPC	DESCRIPTION	SHIP WEIGHT lbs
LPW1227-T-S2-HRC	32635	LPW SERIES 2, 120V 2750W, Heatbox Interior & Recessed Wall Can	11.5
LPW2045-T-S2-HRC	32636	LPW SERIES 2, 208V 4500W, Heatbox Interior & Recessed Wall Can	11.5
LPW2445-T-S2-HRC	32637	LPW SERIES 2, 240V 4500W, Heatbox Interior & Recessed Wall Can	11.5
LPW2740-T-S2-HRC	32644	LPW SERIES 2, 277V 4000W, Heatbox Interior & Recessed Wall Can	11.5

**STEP 2:** Order Grill

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
LPWG-S2-WD	32624	LPW SERIES 2, Grill, White Dove Color	4.5
LPWG-S2-AD	32627	LPW SERIES 2, Grill, Almondine Color	4.5
LPWG-S2-SN	32625	LPW SERIES 2, Grill, Satin Nickel Color	4.5
LPWG-S2-OB	32626	LPW SERIES 2, Grill, Oiled Bronze Color	4.5

**NOTE:** This is the quickest option when the factory installed heaters options are not in stock.

## Accessories

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
LPWSMF-WD	32620	LPW, Surface Mount Frame, White Dove Color	2
LPWSMF-AD	32623	LPW, Surface Mount Frame, Almondine Color	2
LPWSMF-SN	32621	LPW, Surface Mount Frame, Satin Nickel Color	2
LPWSMF-OB	32622	LPW, Surface Mount Frame, Oiled bronze Color	2
LPWIC-S2	12668	LPW SERIES 2, Accessory Recess Wall can	6.5
LPT-1	18155	LPW Accessory SP STAT - Replacement ONLY	0.5
LPT-1-TP	18141	LPW Accessory SP Tamper-Proof STAT - Replacement ONLY	0.4

## Engineering Specifications

Contractor shall supply and install LPW 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.

**Thermostat:** 1-Pole built-in thermostat 45-80°F operating range.

**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 eight (8) 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.

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

**Wall Can:** 20 gauge electro-galvanized steel with factory installed ground-wire. Minimum 4" clearance to floors and 6" to sidewalls. Zero clearance to insulation 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:** Retrofit grill, and surface wall-box.

**Approvals:** cULus

## Dimensional Data

