

wall heater

LPW
SERIES

PIC-A-WATT® FAMILY / 1250 or 4500 WATTS / FAN-FORCED / BEST



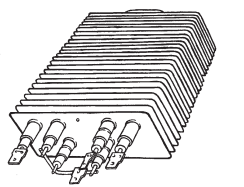
E41422

FEATURES:

- ▢ Pic-A-Watt® Element
- ▢ Cast Iron Motor
- ▢ Aluminum Fan, 5-Blades
- ▢ Moderate Sound
- Multiple wattage
- Selector switch - Fan / Heat / Off
- 20 gauge powder-coated grille
- Standard color: bright white
- Safety light illuminates when thermal cutout trips turning off when limit resets
- Safety limit turns off power to element if it overheats then automatically resets
- 20 gauge electrogalvanized steel recess can with groundwire approved for direct contact with building insulation

OPTIONS:

- Built-in 1-Pole unit-mount thermostat, 40° - 90°F operating range
- Retrofit grille
- Surface wall box
- Color: almond (-A)
- Tamperproof controls
- Ceiling model (refer to index)



Pic-A-Watt
Steel Fin Element



With a wattage range up to 4500W the LPW picks up where the PAW leaves off. This is our most popular large wall heater, used in both residential and commercial applications.

Standard with a rotary 3-position selector switch, it has a fan delay to help dissipate heat from the 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.



ENGINEERING SPECIFICATIONS:

Contractor shall supply and install LPW Series wall surface-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.

Elements: Element assemblies shall be non-glowing design. 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 a minimum of seven (7) 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.

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

Safety Limit: The thermal cutout turns off power to the heater in the event of overheating and automatically resets when temperature returns to normal.

Safety Light: Illuminates when the thermal cutout trips and turns off when the limit resets.

Wallbox: 20 gauge electrogalvanized steel with factory installed groundwire. Minimum 4" clearance to floors and 6" to sidewalls. Zero clearance to combustibles in the wall.

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

Options: 1-Pole built-in thermostat 45-80°F operating range, retrofit grille and surface wallbox.

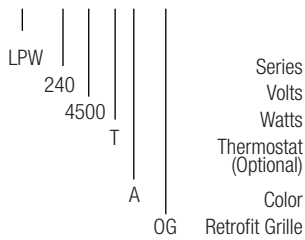
Approvals: UL (E41422), ETL

**king**

www.king-electric.com

MODEL CODE:

LPW2445-T-A-OG



Standard Color: Bright White

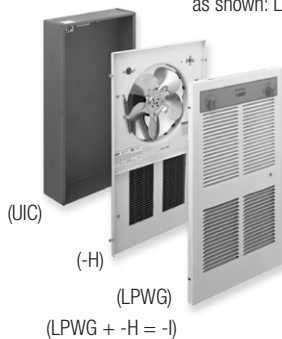
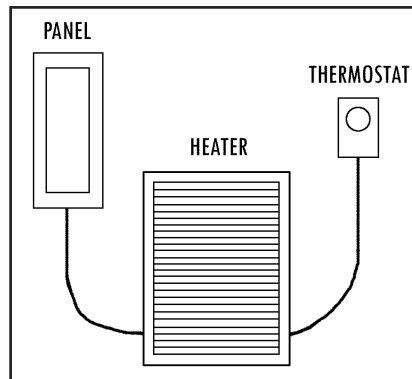
SELECTION:

WATTAGE	120V		208V		240V		277V		WT. (lbs.)
	MODEL	UPC #093319 PART #	MODEL	UPC #093319 PART #	MODEL	UPC #093319 PART #	MODEL	UPC #093319 PART #	
1250 • 1500 • 1750 • 2000 • 2250 • 2750	LPW1227	18189							19
2250 • 2750 • 3000 • 3250 • 3500 • 3750 • 4000 • 4500			LPW2045	18165	LPW2445	18162			
2000 • 3000 • 4000							LPW2740	18167	

FACTORY INSTALLED OPTIONS

ADD SUFFIX:	DESCRIPTION	WT. (lbs.)
-I	Interior and Grille Only (no wall can)	15
-H	Interior Only (no wall can or grille)	15
-A	Grille - Almond	19
-OG	Retrofit Grille	24
-T	Factory Installed Single Pole Thermostat	19.5

as shown: LPW2445-T

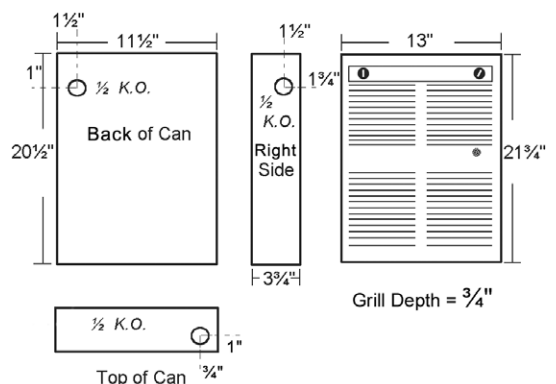
**LPW & LPWA INSTALLATION WIRING DIAGRAM FOR REMOTE THERMOSTAT**

Power must be routed to heater first, then to remote thermostat. This is due to the fan delay circuit needed to cool the elements on shutdown.

ACCESSORIES:

MODEL	DESCRIPTION	UPC #093319 PART #	WT. (lbs.)
UWIC	Recess Wall Can	12590	6.5
UWSA	Surface Can - White	12599	7.5
UWSA-A	Surface Can - Almond	12595	7.5
LPWG	Grille - White	18171	4.5
LPWG-ALMOND	Grille - Almond	18285	4.5
LPWOG	21¾" H x 15½" W Oversized Grille	18159	6
LPWOG-XL	21¾" H x 16½" W Oversized Grille	18184	6.5
LPW-TPC	Tamperproof Cover for Controls 3¼" x 3¼" x 18¾"	18174	1.5
LPT-1	Single Pole Single Throw Replacement Thermostat	18155	.6

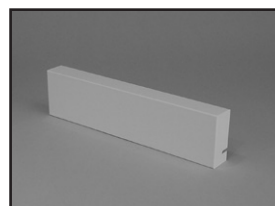
LPW thermostat

DIMENSIONS:**MINIMUM CLEARANCE:**

Zero clearance to insulation
10" above floor
6" from adjacent wall



UWSA - Surface Can - White

LPWOG-XL - Oversized Grille
21¾" H x 16½" WLPW-TPC - Tamperproof Cover for Controls
3¼" x 3¼" x 18¾" (attaches to front cover)LPWOG - Oversized Grille
21¾" H x 15½" W