

Electronic Portable Unit Heater PKB Series


Model Code:

PKB	20	10	-1
A	B	C	D

- A: Series
- B: 20 - 208V, 24 - 240V
48 - 480V
- C: KW (10)
- D: 1-Phase, 3-Phase

PLATINUM



- Platinum electronic temperature controller
- Large LED display
- Remote control included
- Fan Only & timer modes
- Patented Smart Limit Protection®
- Adjustable louvers
- Unit bearing motor
- Spiral finned heat elements
- Standard color: Textured gray
- 6ft. SO cord (no plug)
- Heavy duty 16 gauge wheel base
- 2-year limited warranty

The PKB Platinum Electronic Portable Utility Heater

King's PKB Electronic Portable Utility Heaters are the most full-featured utility heaters on the market, with in-built Platinum electronic thermostat for accuracy and remote control for simple operation. With integrated summer fan only and thermostat timer mode, the PKB Platinum has you covered. Constructed to hold up to the rigorous demands of a jobsite or industrial facility. It is the best heat source to assist in dry-out applications where dry electric heat is preferred to propane or kerosene space heaters. In addition, electric heat has no odor, flame or carbon monoxide. The high CFM and low temperature rise are also key features to make the PKB Platinum the best solution for temporary large capacity heating applications. Spiral finned steel elements and high CFM ensure even air distribution producing cooler element operation, prolonging heater life.

Ordering Information

	MODEL	KW	BTUH	PHASE	VOLTS	AMPS	CFM	SIZE	SO CORD SIZE
208V	PKB2007-1-P	7.5	25.6	1	208	36.1	600	B	8/3
	PKB2010-1-P	10	34.1	1	208	48.1	725	B	6/3
	PKB2015-1-P-FB	15	51.2	1	208	72.1	925	C	2/3
240/ 208V	PKB2407-1-P	7.5/5.6	25.6/19.2	1	240/208*	31.3/26.9	600	B	8/3
	PKB2410-1-P	10/7.5	34.1/25.6	1	240/208*	41.7/36.1	725	B	6/3
	PKB2412-1-P-FB	12.5/9.4	42.7/32.0	1	240/208*	52.1/45.1	825	C	6/3
	PKB2415-1-P-FB	15/11.25	51.2/38.4	1	240/208*	62.5/54.1	925	C	4/3
480V	PKB4807-1-P	7.5	25.6	1	480	15.6	600	B	14/3
	PKB4810-1-P	10	34.1	1	480	20.8	725	B	12/3
	PKB4812-1-P	12.5	42.7	1	480	26.0	825	C	10/3
	PKB4815-1-P	15	51.2	1	480	31.3	925	C	8/3

	MODEL	KW	BTUH	PHASE	VOLTS	AMPS	CFM	SIZE	SO CORD SIZE
208V	PKB2007-3-P	7.5	25.6	3	208	20.8	600	C	10/4
	PKB2010-3-P	10	34.1	3	208	27.7	725	C	8/4
	PKB2015-3-P	15	51.2	3	208	41.6	925	C	6/4
	PKB2020-3-P-FB	20	68.2	3	208	55.5	1100	C	4/4
240/ 208V	PKB2407-3-P	7.5/5.6	25.6/19.2	3	240/208*	18.0/15.5	600	C	12/4
	PKB2410-3-P	10/7.5	34.1/25.6	3	240/208*	24.1/20.8	725	C	10/4
	PKB2412-3-P	12.5/9.4	42.7/32.0	3	240/208*	30.1/26.1	825	C	8/4
	PKB2415-3-P	15/11.25	51.2/38.4	3	240/208*	36.1/31.2	925	C	6/4
	PKB2420-3-P-FB	20/15	68.2/51.20	3	240/208*	48.1/41.6	1100	C	4/4
480V	PKB4807-3-P	7.5	25.6	3	480	9.0	600	C	14/4
	PKB4810-3-P	10	34.1	3	480	12.0	725	C	14/4
	PKB4812-3-P	12.5	42.7	3	480	15.0	825	C	12/4
	PKB4815-3-P	15	51.2	3	480	18.0	925	C	12/4
	PKB4820-3-P	20	68.2	3	480	24.0	1100	C	10/4

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



Electronic Portable Unit Heater PKB Series

Platinum Electronic Controller Features

- Electronic control for accuracy
- Thermostat timer mode (1-9 Hours)
- Summer Fan only mode
- Large LED display
- Built-In fan delay
- Remote control included



Engineering Specifications

Contractor shall supply and install PKB Series electronic utility heaters manufactured by King Electrical Mfg. Company. Heaters shall be of the wattage and voltage as indicated on the plans.

Construction: All exterior and interior metal enclosure parts are made from 20 gauge electrogalvanized Steel with a rust inhibiting baked enamel finish. Smooth rounded corners and protective edge trim give an attractive modern appearance.

Electronic Control: Up, down temperature mode. Start/Stop. Standard on all heaters. The control voltage is equal to the line voltage (208, 240) for 5kW the line voltage control is operating the contactors.

Adjustable Outlet Louver: Louvers direct air up or down as needed for the heating application.

Rear Intake Screen: Heavy gauge steel screen protects against foreign objects making accidental contact with the rotating fan blade.

Spiral Fin Elements: The metal sheath element is copper brazed with spiral fins then molded into a coil configuration. This combination produces the best heat transfer while eliminating the potential for hot spots by positioning the element in the maximum airflow stream.

Totally Enclosed Fan Motor: Permanently lubricated long life, unit bearing with 20cc of oil. Epoxy-coated motor with enclosed rotor resists moisture and corrosion for long-lasting, trouble-free operation.

Aluminum Fan Blade: Axial flow-type fan mounted directly to the motor shaft for maximum efficiency.

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. Automatically reset of thermal overloads, which allow the element to continue to cycle under abnormal conditions, will not be accepted.

Cord Length: 6 Foot SO Cord (No Plug Provided)

Approvals: cETLus (517271) & (30314521)

Options/Accessories

ADD SUFFIX	DESCRIPTION
-25C	25 foot cord option

Dimensional Data

HEATER SIZE	DIMENSIONS						
	L1	L2	L3	W	H1	H2	H3
B	13½"	17"	1"	19.1"	14¼"	30¼"	41¼"
C	18"	21½"	1"	19.1"	14¼"	30¼"	41¼"

Minimum Clearance

- front.....3 ft.
- top.....1 ft.
- sides.....1 ft.
- rear.....1 ft.

