Compact Unit Heater KBP PlatinumX Pro Series

king

PLATINUMX

PRO CONTROL

ECO PRO Controller

Model Code:

KBP	48	06	-3MP	-MB	-PLTMX	-PRO
A	B	C	D	E	F	G

A: Series
B: 20 - 208V, 24 - 240/208V
    27 - 277V, 48 - 480V
C: Watts (950 to 5700)
D: -1 = Single Phase
    -3 = Three Phase
    -3MP = 1-3 Phase
E: -Mounting Bracket
F: -PLTMX = 1-Stage Electronic Control
    + 24V Remote Stat Provision
G: PRO = ECO PRO Controller: 7-Day
    Programmable Thermostat +
    Remote Temp Sensor

SMART SLP LIMIT PROTECTION

c UL us LISTED

- Energy-Saving PlatinumX design
- Includes ECO PRO controller
- 7-Day programmable thermostat w/remote temperature sensor
- Create heat zones - connect multiple Heaters to single pro controller
- Built-In provision for optional 24V remote thermostat

- Compatible with BMS systems
- Timer & Summer Fan Only Modes
- Auto Memory Feature: returns units to last settings after power outage
- 385 CFM output
- Adjustable louvers to direct air
- Compatible with NEST / any 24V WIFI stat

- Built-In fan delay to dissipate heat
- Dual Pic-A-Watt® elements
- Patented Smart Limit® Protection
- Universal wall/ceiling bracket included
- 5-Year limited warranty

MADE IN USA
With U.S. & Global Materials

KBP PlatinumX PRO Compact Unit Heater with RF Wireless 7-Day Programmable Remote Thermostat
The KBP PlatinumX Pro Series Compact Unit Heater delivers exceptional performance, energy efficiency, and advanced user control, featuring King's innovative ECO PRO Controller for precise comfort management. The heater offers efficient single-stage heating, integrated fan-only and timer modes, and intuitive wireless control for effortless operation. **With the ECO PRO Controller, users gain the flexibility of an RF Wireless 7-Day Programmable Thermostat with an integrated temperature sensor.** The heater monitors room conditions and adjusts automatically to maintain consistent comfort. Simply place the ECO PRO Controller on a wall or shelf to ensure the ideal temperature exactly where you need it.

The system is compatible with both wired or wireless window/door and occupancy sensors, which help reduce energy waste by setting back the temperature when a space is unoccupied or when a window or door is left open. Multiple heaters can also be paired to a single ECO PRO Controller, creating smart heating zones within a space for optimal comfort and control. A standard provision for an optional 24V remote thermostat allows integration with a building management system (BMS). Combined with summer fan-only and thermostat timer modes, the KBP PlatinumX adapts to your needs year-round. Built for rugged performance, the flow-through design efficiently draws air in from the back and discharges it out the front, quickly heating large spaces. An integral fan delay continues to circulate heat during cool-down, maximizing warmth. King's exclusive dual Pic-A-Watt® steel fin elements provide a range of wattage options, allowing the heater to be precisely tailored to any application.

PlatinumX Electronic Controller Features

- Electronic control for accuracy
- Thermostat timer mode (1-9 Hours)
- Day Programmable Wireless RF Thermostat.
- Remote Temperature Sensor
- Create Heat Zones - Connect Multiple Heaters To Single Pro Controller
- Summer Fan only mode
- Large LED display
- Built-In fan delay
- Built-In provision for optional 24V remote thermostat
- Remote control and wall/ceiling bracket included
- Compatible with NEST / any 24V WIFI Stat
- Compatible with Building Management Systems (BMS)
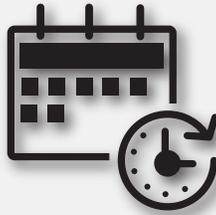- Compatible with Option Window, Door & Occupancy Sensors

PLATINUMX
POWER START/STOP MODE king

BMS COMPATIBLE

ECO Pro Controller

works with **nest**

or Any 24V WIFI Stat

PRO CONTROL

Meet the ECO PRO CONTROLLER:
7-Day Programmable Thermostat with Remote Temperature Sensing

PRO CONTROL

Eco Pro Controller

=

7-Day Programmable
Heating Schedule

Balanced Heat
Throughout the Space

Comfort, Right
Where You Want It

Remote
Temperature Sensing

Ordering Information - *Electronic 1-Stage Thermostat*

MODEL	UPC	WATTS	MAX BTUH (000)	PHASE	VOLTS	AMPS	CFM	TEMP. RISE	AIR THROW	MAX MOUNT HEIGHT	WT. (lbs.)
KBP2706-1-MB-PLTMX-PRO	70584	5700-4750-3800-2850-1900-950	19,454	1	277	20.6 - 3.4	385	33°F-8°F	12 ft.	8 ft.	26
KBP2005-3MP-MB-PLTMX-PRO	70585	5000-2900-2200	17,060	1-3**	208	13.9 - 6.1	385	41°F-23°F	12 ft.	8 ft.	26
KBP2406-3MP-MB-PLTMX-PRO	70586	5700-2850	19,454	1-3**	240/208*	13.7 - 6.9	385	47°F-8°F	12 ft.	8 ft.	26
KBP4806-3MP-MB-PLTMX-PRO	70587	5700-2850	19,454	1-3**	480	6.9 - 3.4	385	49°F	12 ft.	8 ft.	26

*Approved for 208V operation. Heater will draw 13% less Amps and 25% less wattage   **3MP Prewired for 3-Phase, Field Convertable to 1-Phase

Optional Field-Installed Disconnect Kit

MODEL	UPC	DESCRIPTION
KBP-HFD-KIT	70470	KBP Heat/Disconnect Switch, 120-277V, Field Installed Kit
KBP-480HFD-KIT	70551	KBP Heat/Disconnect Switch, 480V, Field Installed Kit
KBP-S2-SMB	70570	Optional Swivel Mounting Bracket
KBP-S2-MB	70571	Replacement Universal Mounting Bracket

Optional Field-Installed Control Accessories

MODEL	UPC	DESCRIPTION
ECO-PRO-RF-PIR-SENSOR	70422	RF Battery Powered PIR Occupancy Sensor for ECO Models
ECO-PRO-RF-WINDOW-SENSOR	70423	RF Battery Powered PIR Window or Door Sensor for ECO Models

Expand Your Control w/ Optional Wireless Sensors
For Automatic Temperature Setbacks

PLATINUMX PRO CONTROL

ECO Pro Controller
Programmable 7-Day
Heating Schedule &
Remote Temperature Sensor

+

RF Occupancy Sensor
(optional)

or

Room Unoccupied
Setback Options: 45°F, 55°F, 60°F or 65°

RF Window/Door Sensor
(optional)

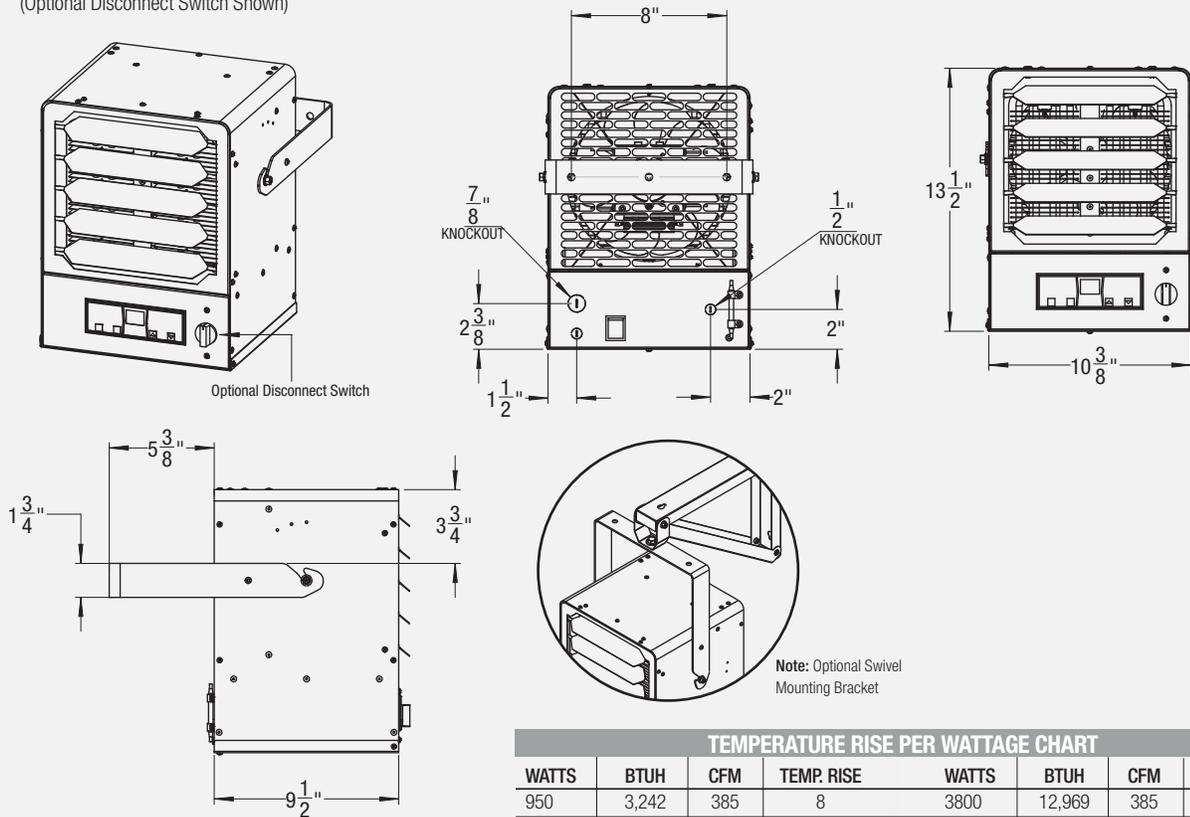**Open Window or Door**
Setback Options: 40°F, 45°F, 50°F or 55°

Dimensional Data

Minimum clearance from combustibles: 18" from front, 2" from top, 6" from sides and 5" from rear. Minimum clearance 6' from floor.
(Optional Disconnect Switch Shown)

PLATINUM X

PRO CONTROL

8"

$\frac{7}{8}$" KNOCKOUT

$\frac{1}{2}$" KNOCKOUT

$2\frac{3}{8}$"

2"

$1\frac{1}{2}$"

2"

$13\frac{1}{2}$"

$10\frac{3}{8}$"

Optional Disconnect Switch

$5\frac{3}{8}$"

$1\frac{3}{4}$"

$3\frac{3}{4}$"

$9\frac{1}{2}$"

Note: Optional Swivel Mounting Bracket

TEMPERATURE RISE PER WATTAGE CHART							
WATTS	BTUH	CFM	TEMP. RISE	WATTS	BTUH	CFM	TEMP. RISE
950	3,242	385	8	3800	12,969	385	31
1000	3,413	385	8	4000	13,652	385	33
1900	6,485	385	16	4160	14,198	385	34
2000	6,826	385	16	4750	16,212	385	39
2850	9,727	385	23	5700	19,454	385	47
3000	10,239	385	25	6000	20,478	385	49

Engineering Specifications

Contractor shall supply and install KBP PlatinumX Pro Series unit 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.

PlatinumX Electronic Thermostat Control: Thermostat Temperature Range: 40° to 95°. Up, down temperature mode. Start/Stop. Standard on all heaters. Heaters 25kW and above are ECO2S+ 2-stage heaters.

Provision For 24V Remote Thermostat: Includes terminals to connect an optional 24V 2-Stage Thermostat. Compatible with NEST / any 24V WIFI Stat or for integration with a building managerment system (BMS).

Auto Memory Feature: Returns Unit To Last Settings After Power Outage.

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.

Pic-A-Watt Heating Elements: Exclusive King multi-tap element allows field adjustment to several wattages at time of installation. Steel sheath elements of various resistance are copper brazed to steel plate fins producing a multi-wattage heating element.

Unit Bearing Motor: Permanently lubricated, long life, unit bearing 4-Pole motor with 20 cc of oil. Enclosed rotor provides long-lasting, trouble-free operation. Thermally protected. 1500 RPM.

Aluminum Fan Blade: 5 blade fan mounted directly to the motor shaft for maximum efficiency.

CFM: 385

Universal Mounting Bracket: Combination ceiling/wall bracket is included with every heater.

Patented Smart Limit Protection (U.S. Patent #6,748,163 B2): 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.

Fan Delay: The fan continues to operate after the thermostat shuts off in order to remove the residual heat left in the elements. Power must not be interrupted.

Standard Color: Onyx Gray

Easy Installation: A quick access panel located on the bottom of the heater allows for quick wiring and easy maintenance for the life of the heater. Includes universal wall/ceiling bracket for simple installation.

Approvals: cULus (E41422)