INSTALLATION AND MAINTENANCE













READ ALL WIRE SIZING, VOLTAGE REQUIREMENTS AND SAFETY DATA TO AVOID PROPERTY DAMAGE AND PERSONAL INJURY

Do not install bottom of heater less than 6 ft above the floor 6 inches to side wall, 5 inches to back wall, and 2 inches to ceiling when clearance to ceiling is 2 inches. Do not point heater at ceiling.

Electronic Unit Heater

KBP ECO2S, ECO2S+, and PlatinumX unit heaters are to be operated at voltage listed on the rating label. It is important that you verify the power supply voltage is the same as the nameplate voltage of the heater. Connecting the heater to an improper voltage or failure to follow the procedures as outlined in this manual can result in damage to the heater and void the warranty. This heater is provided with a factory installed thermostat, except for "-RT" and "-RT24" models. Disconnect all power from the heater at the main service panel before attempting to install or service this unit. All electrical wiring must conform to local electrical codes. Heater circuit must be properly protected.



READ CAREFULLY - Use the heater only as described in this manual. Any other use is not recommended and could result in fire, electric shock, and personal injury. Following these instructions will prevent difficulties that might occur during the installation and use of the heater. Please study the instructions first, as they may save considerable time and trouble during use addition to providing important safety information. Make sure to save these instructions for future use.

Read all instructions before wiring or using this heater.

WARNING Heaters outlet grill is very hot when in use. To avoid burns, do not touch hot surfaces with bare skin. Keep combustible materials, including furniture, pillows,

bedding, papers, clothes, curtains, and boxes at least 3 feet from the front of the heater and keep them away from the sides and rear.

A WARNING Do not use outdoors.

A WARNING Heater is not intended for use in bathrooms, laundry areas or similar indoor locations. Never locate heater where it may fall into a bathtub or other water

NO. Do wat insent or allow foreign objects to outer any inlatence what are national and a second of the fire or demonstrate the fire of demonstrate the demonstrate the fire of demonstrate the demons

WARNINGDo not insert or allow foreign objects to enter any inlet or outlet openings as this may cause an electric shock, fire, or damage to the heater.

To prevent a possible of fire, do not block air intakes or exhaust in any manner.

WARNING Heater has hot surfaces. Internal thermostat and limiting parts can arc or create sparks inside. Do not use this heater in areas where gasoline, paint, or flammable liquids or gases are used or stored.

WARNING Use this heater only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electric shock, explosion or

injury to people and or property.

MARNING If heater shows signs of overheating immediately turn the circuit breaker off to the heater. Remove and inspect for any objects on or adjacent to the heater that may cause the high temperatures. Have a professional inspect the internals until the reason is clear why the heater is overheating. Do not reinstall until it has been professionally serviced.

WARNING Do not operate heater after it malfunctions. Disconnect heater at service panel and have heater inspected by a reputable electrician before reusing. To disconnect heater, turn controls to off position, and turn off power to heater circuit at main electrical panel or operate internal disconnect switch to off if provided.

A WARNING Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended too.

 $\textbf{KING ELECTRIC MFG CO} \cdot 9131\ 10 \textbf{TH AVENUE SOUTH} \cdot \textbf{SEATTLE, WA}\ 98108 \cdot \textbf{PH:} 206\ 762\ 0400 \cdot \textbf{FAX:}\ 206\ 763\ 7738 \cdot \textbf{www.king-electric.com}$

Rev.08.27.25

SAFETY INFORMATION

KBP ECO2S & KBP ECO2S+ Circuit Sizing Chart

	1 PHASE CIRCUIT SIZING TABLE									
Watts	DTIII	Valta	Amps	Mina Cina	Circuit					
(Max)	BTUH	Volts	1 Phase	Wire Size	Protection					
		120	7.9	#14/2	15A-1P					
950	3242	208	4.6	#14/2	15A-2P					
		240	4.0	#14/2	15A-2P					
		120	15.8	#12/2	20A-1P					
1900	6485	208	9.1	#14/2	15A-2P					
		240	7.9	#14/2	15A-2P					
	9727	120	23.8	#10/2	30A-1P					
2850		208	13.7	#12/2	20A-2P					
		240	11.9	#14/2	15A-2P					
3800	12969	208	18.3	#10/2	30A-2P					
3600	12909	240	15.8	#12/2	20A-2P					
4750	16212	208	22.8	#10/2	30A-2P					
4730	10212	240	19.8	#10/2	30A-2P					
5010	17065	208	24	#10/2	30A-2P					
5700	19454	240	23.8	#10/2	30A-2P					

Warning: Prior to operating, make sure the circuit breaker is of the configuration and capacity appropriate for the heater.

- Minimum installed distance from the heater to the adjoining wall or ceiling surfaces - 5 inches to back wall.
- When clearance to ceiling is 2 inches, Do Not Point Heater At Ceiling.
- Use extreme caution when used near children or people with disabilities.
- Do not use outdoors.
- Not intended for use in bathrooms, laundry areas or other similar wet locations. Never locate heater where it may have contact with water.

KBP PlatinumX Circuit Sizing Chart

	1 PHASE CIRCUIT SIZING TABLE								
Watts (Max)	BTUH	Volts	Amps 1 Phase	Wire Size	Circuit Protection				
950	3242	277	3.4	#14/2	15A-2P				
1900	6485	277	6.9	#14/2	15A-2P				
2850	9727	277	10.3	#14/2	15A-2P				
3800	12969	277	13.7	#14/2	15A-2P				
4750	16212	277	17.1	#10/2	30A-2P				
5700	19454	277	20.6	#10/2	30A-2P				
	3	PHASE CIRCU	IIT SIZING T <i>A</i>	BLE					
Watts (Max)	BTUH	Volts	Amps 3 Phase	Wire Size	Circuit Protection				
			O I IIdoo						
		208	7.9						
2850	9727	208 240		#14/3	15A-3P				
2850	9727		7.9	#14/3					
2850 5010	9727 17065	240	7.9 6.9	#14/3 #12/3					
		240 480	7.9 6.9 3.4		15A-3P				

IMPORTANT: Per the National Electrical Code heating circuits are considered a continuous load and therefore must be de-rated by 20%.

For example, a 20 amp heating circuit can not have more than 16 amps of connected load.

- Do not use heater in wet or moist locations.
- Don't place heater against cardboard or low-density fiberboard surfaces.
- Avoid using an extension cord because the extension cord may overheat and cause a risk of fire.
- Use only the electrical power (voltage and frequency) specified on the model plate of the heater.
- Keep all combustible materials away from this heater.

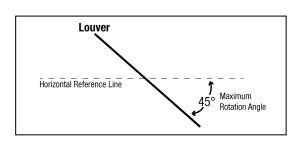
LOUVER ADJUSTMENT TO DIRECT AIRFLOW

The louvers are opened during testing at factory, but may have shifted during shipping. Confirm louvers are rotated less than 45 degrees from horizontal before operation. To adjust the opening angle, grasp the left and right end of louver and twist with two hands to the desired position.

CAUTION: Increasing angle beyond 45° degrees from horizontal may restrict air flow casing over temperature limit to activate & shut off the heater.

Louver Adjustment Do Not Adjust While

Heater Is Operational



ASSEMBLY INSTRUCTIONS





READ ALL WIRE SIZING, VOLTAGE REQUIREMENTS AND SAFETY DATA TO AVOID PROPERTY DAMAGE AND PERSONAL INJURY

KBP CO2S CO2S+ PLATINUMX

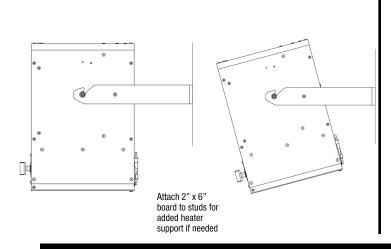
Electronic Unit Heater with Remote Temperature Sensor

Chart 2

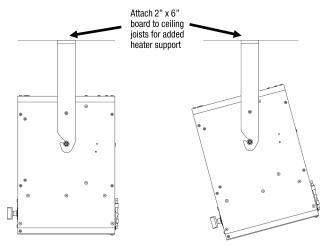
Minimum Clearance From Combustibles					
Front	18 in.				
Тор	2 in.				
Sides	6 in.				
Rear	5 in.				
Floor	6 ft.				

INSTALLATION INSTRUCTIONS

FOR WALL MOUNT APPLCATIONS



FOR CEILING MOUNT APPLCATIONS



TOOLS NEEDED:

- Screwdriver (Phillips & Slotted)
- Wire Cutters
- Pliers
- Adjustable Wrench
- Electric Drill

Remove heater & all packaging materials from the box.

HARDWARE NEEDED:

- · Adequate gauge & length of wire for your application
- · Proper size fuses or breakers to handle amperage
- Proper wire connectors for your application
- Fasteners appropriate size to mount heater

[i]

Tip: Be sure to remove the hardware package from the Styrofoam packaging.

MOUNTING HEIGHT:

When the air flow of the heater is directed vertically or horizontally, the minimum mounting height is 6 feet in the USA and 8 feet in Canada. Mounting heights depend upon building utilization and heater KW capacity.

LOCATION OF HEATER:

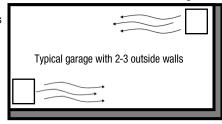
The heater should be installed 6 feet above floor and according to minimum clearance chart. The direction of airflow should not be restricted by machinery, beams, etc., and the air flow should run with walls, rather than blowing directly at them. When more than one heater is used in an area, the heaters should be arranged so that

Figure 3-3

the air discharge of each heater supports the air flow of the others to provide best circulation of warm air. (see figure 4).

MOUNTING HEATER:

Wall stud and ceiling joists are typically wider than our mounting



bracket which is 11 inches wide. The heater weighs 14 lbs. and should be mounted onto at least one stud to be properly supported.

Your fasteners penetrating a stud is critical to supporting the weight. A gypsum wall board fastener is not strong enough. If your ideal location has no solid backing, you can fasten with large screw fasteners a 2" x 6" board to ceiling joists or wall studs. Attach with appropriate lag bolts with proper depth for the 14 lbs. Install wing nut fasteners into the outside of the bracket and star washer between the heater and bracket. Be certain bracket bolts are tightened firmly to secure the heater to swivel bracket.

INSTALLATION INSTRUCTIONS

A WARNING

Before proceeding further with the installation of this heater, turn off the power and lock the supply line for the heater at the main service box.

WIRING HEATER:

- 1. Remove wiring compartment cover.
- Remove one of the knock outs from the back of the unit. It is not necessary to remove the grill cover.
- Size service wire to adequately handle amp load of the heater. Refer to the Circuit Sizing Table for proper wire size and circuit protection. (See <u>Chart 1</u>)
- 4. Connect supply wire to L1 & L2 & L3 as applicable as shown in the wiring diagrams.
- 5. Secure power supply cable with cable clamp.
- 6. Connect ground wire to the ground lug.
- 7. Adjust the heater to the desired position.

Note: Power must land at heater uninterrupted by switches or thermostat due to thermal fan delay

SMART LIMIT PROTECTION



Heater Safety Limit Tripped?

This heater is equipped with a 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 fifteen minutes. Inspect for any objects on or adjacent to the heater that may cause high temperatures. After inspecting the heater, keep the power to the heater off for 15 minutes to reset the SLP thermal protector. If the SLP thermal protector shuts the heater off again, immediately turn the heater OFF at the circuit breaker and inspect the heater for possible fan motor failure or dirt and lint on the heating element. Repeat the starting procedure.

MAINTENANCE

With proper care your electric heater should last a lifetime, however, seasonal cleaning is recommended to maintain the efficiency of the heater.

Keep heating element, fan and motor free of debris. Use compressed air to blow out any debris.

We're Here to Help!

For any difficulties installing or operating this product

Call Us Toll Free at:

1-800-603-5464

7:00 am -3:30 pm PST Mon-Fri Visit king-electric.com

or email us at tech@king-electric.com

OPERATING INSTRUCTIONS

Operation

- 1. Push the button, the heater will come on and heat to the default setting of 72°F.
- 2. Once the room temperature reaches the set point, the heat elements with turn off followed by a 3 minute fan delay period to exhaust excess heat from the case. Afterwards the unit will turn off.
- In normal operation the display will show the current room temperature.

Automatic 2-stage HIGH/LOW operation

Eco2S and Eco2S+ controllers offer energy efficient 2-stage heating, automatically using the lowest wattage required to heat the room.

 During operation, when the set temperature is within 3 degrees of the room temperature the heater automatically switches to ECO mode, operating at LOW wattage.

Room Temperature Selection

 During operation, push temperature from 40°F-95°F, Hold down the UP or DOWN arrow to speed up the selection process. The LCD will go back to display room temperature after 5 seconds.

Timer Mode Selection

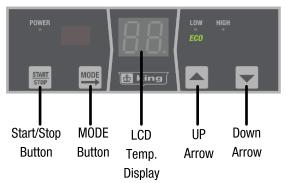
During operation, press the dow will show the timer mode setup. Push or to set
 Timer from 1 hour—9 hours.

Fan Only Mode Selection

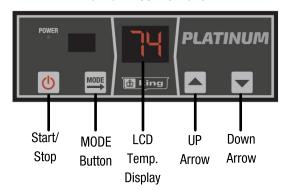
During operation, press the button 2 times, the display window will show [H] (Heat Mode) or [F] (Fan Only Mode).

Push or to switch between Fan Only and Heat modes.

ECO2S and ECO2S+ Control Panel



PlatinumX Control Panel





OPERATING INSTRUCTIONS CONTINUED

Display Lock Feature

Display Lock is designed for high traffic areas and deactivates the heater display buttons to prevent unwanted temperature adjustments. However settings can still be adjusted through the remote control.

During operation, press the button and HOLD for 5 seconds to set the display lock. [L] will appear on the display temporarily if a user attempts to make a temperature adjustment. While in Display Lock, heater can be adjusted using remote control.

Setting "Environment" Mode

Two Environment Options: Standard [SF] and Bedroom [BE].

Bedroom Mode turns off the display after 30 seconds for people using this heater in a light sensitive environment. Once any button is pressed the display turns back on.

• During operation, press the and HOLD the for 3 seconds. Then press or to select "Bedroom Mode" [BE] or "Standard Mode" [SF]

Factory Reset

 During operation, press and HOLD the to reset to the factory settings. [FA] will flash on the display.

Sensor Error Code

 During operation, if the display shows [E1] that indicates an issue with the sensor and the sensor needs to be replaced. Contact customer support for assistance.

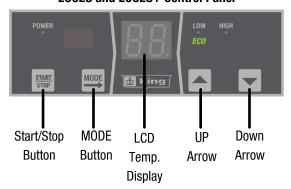
Setting Differential Value

The differential or gap affects how often the heater cycles. The lower the differential setting, the more the heater will cycle. If heater cycles too often, raise the differential setting to a higher degree.

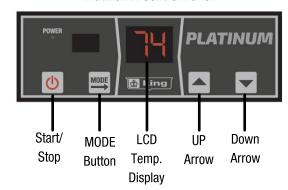
• Press the and HOLD the and buttons for 5 seconds.

The display will show the previously set differential. Press or to adjust the differential value between -0 to -5.

ECO2S and ECO2S+ Control Panel



PlatinumX Control Panel





SETUP OF REMOTE TEMPERATURE SENSOR FOR EC02S+

Remote Sensor Only Included with ECO2S+ Models

A wireless temperature sensor is provided to monitor the ambient temperature from any remote location. It needs to be paired with the heater and will transmit real-time temperature to the heater for highly accurate room temperature control.

Sensor Placement

Important: Avoid areas that can have temperature extremes, making the sensor think the room is cooler or warmer than it actually is. Don't install the sensor near doors that could let in drafts or on exterior walls or near windows in direct sunlight.

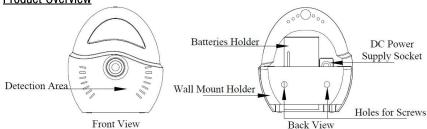
ECO2S+ REMOTE SENSOR:

IMPORTANT: The remote sensor must be paired to the heater prior to use. If display shows "L5" the sensor has not been paired successfully. Repeat Pairing Process

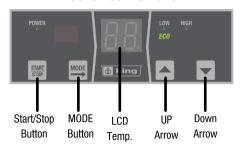
Technical Specifications:

Protocol: Wireless 2.4G Transmit Distance: 98' Working Voltage: DC 3V (battery); Detecting Temperature: 0° to 99°

Product Overview



ECO2S+ Control Panel



Pairing and Installation Guide

Since it is possible that more than one heater/sensor would be used in a home, you must first pair the remote sensor to a specific heater. Each remote sensor has a unique ID number, which will be used in the pairing process. When installing the remote sensor first time, users need to pair the remote sensor with KBP heater, so the heater can learn and save the remote sensor's ID.

First, power off the remote sensor (remove the battery or unplug the adapter).

Step 2: On the Heater's Display Press

button at the same time for 5 seconds. The LED display will flash "id".

Mounting The Remote Sensor

Release buttons, put the remote sensor within 3 feet of the heater and power on the remote sensor again. The green LED light in the remote sensor will flash, and KBP the controller display indicator lights will illuminate (LED tubes show 88) for 1 second and then turn off. This means the remote Step 3: sensor and the controller have paired with each other successfully.

NOTE: If the KBP display flashes "id" for 20 seconds and then turns off, it means that the heater failed to pair with the remote sensor and has exited the Pair mode. Repeat the above steps to pair the remote sensor.

After pairing the remote sensor successfully, put the sensor in the room where you want to detect temperature. The KBP heater display will now Sten 4 display the temperature from the remote sensor.

Installing Batteries

Open the battery cover and insert 2pcs AAA batteries, reinstall the battery cover.



When the sensor is not paired with the heater or if the signal is being blocked. the display flashes "L5". After 10 minutes, the controller will automatically switch to work with the on-board temperature sensor, but the display will continue to flash "L5" until the signal restored.

Following Pairing process above to successfully pair the sensor.

Sensor can be placed on any flat surface or can be fixed to the wall with the mounting bracket. **Mounting Bracket Install:** Select location for the sensor on the wall. Secure the

bracket to with 2 appropriate anchors and screws. Insert remote sensor into bracket.

Move Sensor closer to the heater or away from metal objects that might block the signal.

Low Battery Indicator

When batteries are low, "BA" will flash on the ECO2S+ heater display to indicate batteries should be replaced. **Note**: If batteries fail, the ECO2S+ is designed to revert back to the onboard temperature sensor for temperature control until the batteries are replaced in the remote sensor.

Low Signal Indicator

CONNECTION OF OPTIONAL 24V REMOTE THERMOSTAT

Controlling ECO2S+ and PlatinumX with a Remote 24V Thermostat

KBP ECO2S+ and PlatinumX heaters come standard with the provisions to connect any 24V remote wall thermostat, for remote temperature sensing and control. Provides silent operation control for use with a 24 Volt Thermostat. Follow steps below for setup and to select Sigle Stage or Two Stage Control.

Step 1:

Dip Switch Selection On Display For Remote Wall Thermostat—

Local or Remote Thermostat (Figure 1)

The 2 dip switches on the back of the display are used for selecting between the onboard thermostat control and the optional remote wall thermostat control.

24V Remote Wall Thermostat

Local Thermostat (default)

Set 24V



dip switch 1 to ON and dip switch 2 to the OFF position if Remote Wall Thermostat Control

using

Dip switch #1 = OFF

Dip switch #2: Off = Remote 24V Thermostat Control

Dip switch #1 = ON

Dip switch #2: On = Local Thermostat Control (default)

Step 2:

Dip Switch Selection On Controller PCB-1-Stage or 2-Stage Thermostat (Figure 2)

Refer to the thermostat operating instructions to determine if the thermostat is a single stage or two stage thermostat.

Select the dip switch setting required.

For 2-Stage Heating > Dip Switch = OFF

For 1-Stage Heating > Dip Switch = **ON**

Step 3:

Wiring 24V Remote Thermostat to KB Platinum (Figure 3)

IMPORTANT: If display shows "L5" when using 24V remote thermostat switch Dip Switch #1 to ON.

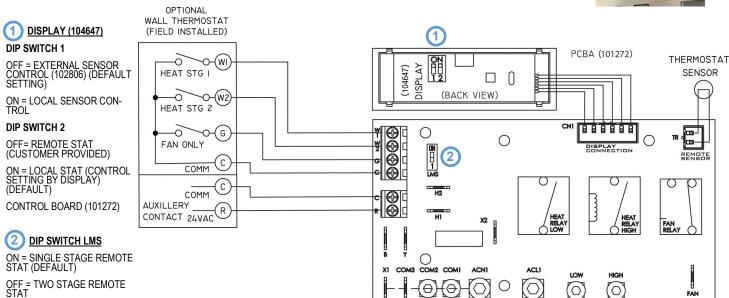
Figure 1: Back of Display



(dip switch factory default settings shown)

Figure 2: Controller PCB

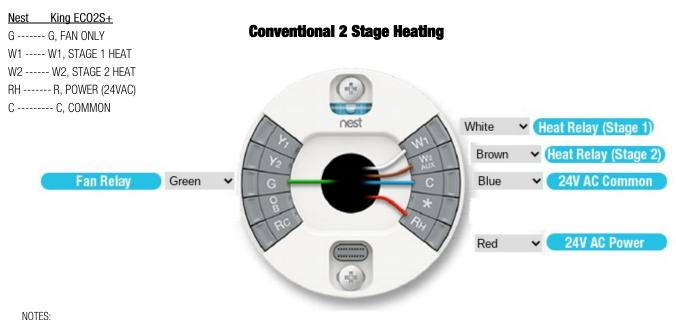
Figure 3: Wiring Schematic Overview



CONNECTION OF OPTIONAL NEST LEARNING THERMOSTAT

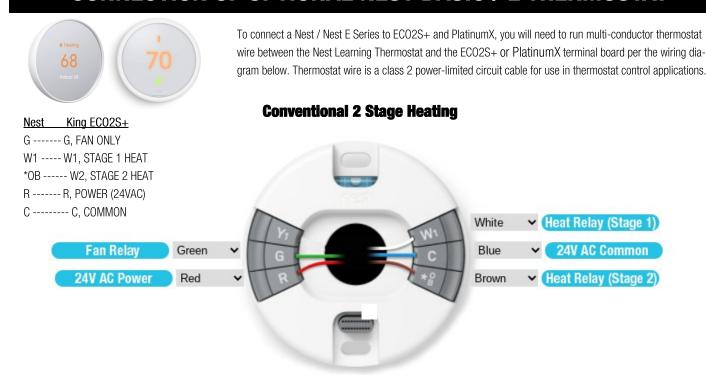


To connect a Nest Learning to ECO2S+ or PlatinumX, you will need to run multi-conductor thermostat wire between the Nest Thermostat and the ECO2S+ or PlatinumX terminal board per the wiring diagram below. Thermostat wire is a class 2 power-limited circuit cable for use in thermostat control applications.



• Y1,Y2,OB,RC, & (*) are for Heat Pumps and Air Conditioning, NOT USED on KING HEATERS. The C wire keeps the Nest battery power charged.

CONNECTION OF OPTIONAL NEST BASIC / E THERMOSTAT



CONNECTION OF OPTIONAL ECOBEE THERMOSTAT



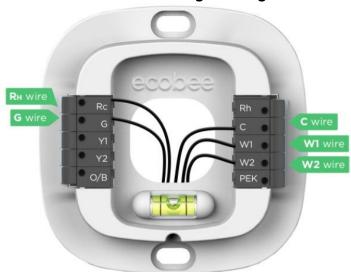
To connect an Ecobee to ECO2S+ or PlatinumX, you will need to run multi-conductor thermostat wire between Ecobee Thermostat and the ECO2S+ or PlatinumX terminal board per the wiring diagram below. Thermostat wire is a class 2 power-limited circuit cable for use in thermostat control applications.

Ecobee King ECO2S+

G ----- G, FAN ONLY
W1 ---- W1, STAGE 1 HEAT
W2 ----- W2, STAGE 2 HEAT
RC ----- R, POWER (24VAC)

C ----- C, COMMON

Conventional 2 Stage Heating



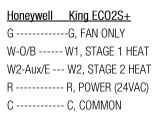
CONNECTION OF OPTIONAL HONEYWELL THERMOSTAT

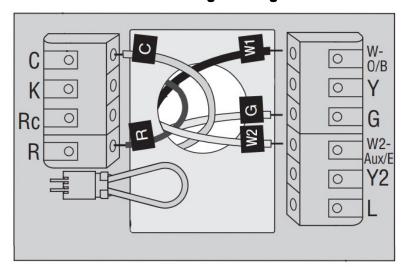


Model: RTH9585WF1004

To connect a Honeywell model RTH9585WF1004 to EC02S+ and or PlatinumX, you will need to run multi-conductor thermostat wire between the Honeywell Thermostat and the EC02S+ or PlatinumX terminal board per the wiring diagram below. Thermostat wire is a class 2 power-limited circuit cable for use in thermostat

Conventional 2 Stage Heating





Field-Adjustable Wattages

Pic-A-Watt® Heating Element Exclusive King multi-tap element allows field adjustment to several wattages at time of installation.

Reference the wiring diagram when adjusting the wattage. The below tables should be used as a supplement to your wiring diagram.

₫ king	™ KBP1230-1-MB-EC02S							
REMOVE ELEMENT Position	HEAT Stage	ELEMENT WIRE COLOR	WATTAGE Reduction		STAGE 1 ELEMENT LEADS REMOVED TO GET SELECTABLE WATTTAGES	STAGE 1 Selectable Wattages		
Е	LEMENT 1	- 120V - 1425V	V		WATTIAGEO	WATTAGEO		
А	STAGE 1	RED	712	>	NONE	1900		
В	STAGE 2	RED/WHITE	475	6	С	1662		
С	STAGE 1	RED	238	2850W	C & F	1425		
				2	A & F	950		
ATTENTION	DO NOT R	EMOVE BLACK	E1 COM OR E2	-	A & D	475		
COM WIRES AT	TACHED T	O BUSBAR ON I	EACH ELEMENT	120V	STAGE 2 ELEMENT LEADS REMOVED TO GET SELECTABLE	STAGE 2 Selectable		
	ELEMENT 2	2 -120V -1425W	1		WATTTAGES	WATTAGES		
D	STAGE 1	YELLOW	712		WALLIAGE	WATTAGES		
E	STAGE 2	RED/WHITE	475		NONE	950		
F	STAGE 1	RED	238		Ē	475		

₫ king	圖路區 KBP2005-1-MB-EC02S / KBP2005-1-MB-EC02S-PLUS							
REMOVE ELEMENT Position	HEAT Stage	ELEMENT WIRE COLOR	WATTAGE Reduction		STAGE 1 ELEMENT LEADS REMOVED TO GET SELECTABLE WATTTAGES	STAGE 1 Selectable Wattages		
E	LEMENT 1	- 208V - 2850V	V		WATTIAGES	WATTAGES		
Α	STAGE 1	RED	950	>	NONE	3230		
В	STAGE 2	RED/WHITE	950	0	D	2510		
С	STAGE 1	RED	950	5010W	А	2280		
					A & D	1560		
COM WIRES AT				208V -	STAGE 2 ELEMENT LEADS REMOVED TO GET SELECTABLE WATTTAGES	STAGE 2 Selectable Wattages		
ELEMENT	2 - 240V -	2850W [2250W	@ 208V]		WATTIAGEO	WATTAGEO		
D	STAGE 1	YELLOW	720		NONE	1670		
E	STAGE 2	RED/WHITE	720		E	950		
F	STAGE 1	RED	720		В	720		

№ Биле								
REMOVE ELEMENT Position	HEAT STAGE	ELEMENT WIRE COLOR	WATTAGE REDUCTION		STAGE 1 ELEMENT LEADS REMOVED TO GET SELECTABLE WATTTAGES	STAGE 1 Selectable Wattages		
E	LEMENT 1	- 240V - 2850V	V		WATTIAGES	WATTAGES		
Α	STAGE 1	RED	950	>	NONE	1900		
В	STAGE 2	RED/WHITE	950	0	С	1662		
С	STAGE 1	RED	950	5700W	C & F	1425		
					A & F	950		
ATTENTION	DO NOT F	REMOVE BLACK	E1 COM OR E2	<u>-</u>	A & D	475		
COM WIRES AT	TACHED T	O BUSBAR ON I	EACH ELEMENT	240V	STAGE 2 ELEMENT LEADS REMOVED TO GET SELECTABLE	STAGE 2 Selectable		
E	LEMENT 2	2 - 240V -2850V	I		WATTTAGES	WATTAGES		
D	STAGE 1	YELLOW	720		WATTIAGES	WATTAGES		
E	STAGE 2	RED/WHITE	720		NONE	950		
F	STAGE 1	RED	720		E	475		

Field-Adjustable Wattages (Cont.)

Pic-A-Watt® Heating Element Exclusive King multi-tap element allows field adjustment to several wattages at time of installation.

Reference the wiring diagram when adjusting the wattage. The below tables should be used as a supplement to your wiring diagram.

⊕ KBP2005-3MP-MB-PLTMX							
REMOVE ELEMENT Position	ELEMENT Wire Color	WATTAGE REDUCTION	3-РН	ELEMENT LEADS REMOVED To get selectable	SELECTABLE		
ELEM	ENT 1 - 208V - 2	850W	3-1	WATTTAGES	WATTAGES		
Α	YELLOW	720		WATTIAGES			
В	ORANGE	720	ЗМР				
С	RED	720		NONE	5010		
			≥	A & C & E	2390		
			- 5010W				
ELEMENT 2 - 240V -2850W [2250W @ 208V]			8				
D	YELLOW	950	208V				
E	ORANGE	950					
F	RED	950		I			

KBP2UU5-1MP-MB-PL1MX*						
REMOVE ELEMENT POSITION	ELEMENT Wire Color	WATTAGE REDUCTION	-PH	ELEMENT LEADS REMOVED To get selectable	SELECTABLE	
ELEM	ENT 1 - 208V - 2	850W	∓	WATTTAGES	WATTAGES	
Α	YELLOW	720	3MP 1.	WATTIAGEO		
В	ORANGE	720	I ≅			
С	RED	720		NONE	5010	
			5010W	F	4060	
			ᅵ문	B & E	3340	
			20	B & D & E	2390	
				B & C & E & F	1670	
ELEMENT 2 -	240V -2850W [22	250W @ 208V]	l≽			
D	YELLOW	950	208V	*THIS IS THE CONVERT	ED TO 1-PH	
Е	ORANGE	950	'`	VERSION OF THIS MULTIP	HASE MODEL	
F	RED	950	l			

₫ king	® KBP2406-3MP-MB-PLTMX							
REMOVE ELEMENT POSITION	ELEMENT Wire Color	WATTAGE REDUCTION	н	ELEMENT LEADS REMOVED To get selectable	SELECTABLE			
ELEM	ENT 1 - 240V - 2	850W	3-РН	WATTTAGES	WATTAGES			
Α	YELLOW	950	<u> </u>	WATTIAGES				
В	ORANGE	950	ЗМР					
С	RED	950	<u>-</u>	NONE	5700			
			≥	A & C & E	2850			
			/ - 5700W					
ELEM	ELEMENT 2 - 240V - 2850W							
D	YELLOW	950	240V					
E	ORANGE	950						
F	RED	950						

© KBP2406-1MP-MB-PLTMX*							
REMOVE ELEMENT POSITION	ELEMENT WIRE COLOR	WATTAGE REDUCTION	н	ELEMENT LEADS REMOVED TO GET SELECTABLE	SELECTABLE		
ELEM	ENT 1 - 240V - 2	850W	3MP 1-PH	WATTTAGES	WATTAGES		
Α	YELLOW	950	i.	WATTIAGES			
В	ORANGE	950	≥				
С	RED	950	ا	NONE	5700		
			≥	A	4750		
			5700W	A & F	3800		
			27	B & D & F	2850		
			1	A & C & D & F	1900		
ELEM	ENT 2 - 240V - 2	850W					
D	YELLOW	950	240V	*THIS IS THE CONVERT	ED TO 1-PH		
E	ORANGE	950		VERSION OF THIS MULTIP	HASE MODEL		
F	RED	950					

© КВР2706-1-МВ-PLTMX							
REMOVE ELEMENT POSITION	ELEMENT WIRE COLOR	WATTAGE REDUCTION		ELEMENT LEADS REMOVED TO GET SELECTABLE	SELECTABLE		
ELEM	ENT 1 - 277V - 2	850W		WATTTAGES	WATTAGES		
Α	RED	950	>	WATTIAGES			
В	BLUE	950	≦				
С	RED	950	5700W	NONE	5700		
ATTENTIO	V: DO NOT REMO	OVE DI ACK E4	٠ 5	A	4750		
			≥	A & F	3800		
	COM WIRES AT		277V	B & D & F	2850		
BUSB	AR ON EACH ELE	INENI	١ ' ا	B & D & F	1900		
ELEMENT 2 - 277V - 2850W			I				
D	YELLOW	950					
E	ORANGE	950	I				
F	RED	950	I				

₫ king	⊞ KIPS KBP4806-3MP-PLTMX							
REMOVE ELEMENT POSITION	ELEMENT WIRE COLOR	WATTAGE REDUCTION	¥	ELEMENT LEADS REMOVED To get selectable	SELECTABLE			
ELEM	ENT 1 - 480V - 2	850W	3-РН	WATTTAGES	WATTAGES			
Α	YELLOW	950	Ъ,	WATTIAGES				
В	ORANGE	950	ЗМР					
С	RED	950	. 3	NONE	5700			
			≥	A & C & E	2850			
			/ - 5700W					
ELEM	ELEMENT 2 - 480V - 2850W							
D	YELLOW	950	480V					
E	ORANGE	950						
F	RED	950						

७।३०० KBP4806-1MP-PLTMX*					
REMOVE ELEMENT POSITION	ELEMENT WIRE COLOR	WATTAGE REDUCTION	¥	ELEMENT LEADS REMOVED To get selectable	SELECTABLE
ELEMENT 1 - 480V - 2850W			ЗМР 1-РН	WATTTAGES	WATTAGES
Α	YELLOW	950	ف ا	WATTIAGEO	
В	ORANGE	950	I		
С	RED	950	1	NONE	5700
			≥	A	4750
			5700W	A & F	3800
			57	B & D & F	2850
				A & C & D & F	1900
ELEMENT 2 - 480V - 2850W			480V		
D	YELLOW	950	48	*THIS IS THE CONVERTED TO 1-PH	
E	ORANGE	950		VERSION OF THIS MULTIP	HASE MODEL
F	RED	950			