

# NPR

New Product Release



## KBU PlatinumX BMS Series

Compact Plenum-Rated  
Heater, For Unoccupied/  
Concealed Spaces

1.2kW to 10kW, 208V,  
240V, 277V & 480  
Volt Models,  
1-3 Phase.



Certified To The Latest Standards:  
UL 60335-2-40, 4th Ed. & CSA  
C22.2 NO. 60335-2-40:22, 4th Ed.



Infrared Remote  
Control Included

# PLATINUMX



# KBU PlatinumX BMS Series

## Zero Clearance Plenum Heater

A zero-clearance plenum-rated special application heater approved for use in concealed areas of buildings such as an area between a finished ceiling and drop ceiling or in an open plenum. Engineered to withstand dirty, dusty, moist or even mildly corrosive environments, and rated for zero clearance mounting against any surface. The unit also includes a built-in provision for an optional 24V thermostat, enabling remote temperature control or seamless integration with a building management system (BMS).



### Customer Needs

1. In building construction a Plenum is a separate space provided for air circulation for heating, ventilation, and air-conditioning, providing pathways for either heated/conditioned or return airflows, usually at greater than atmospheric pressure.
2. Products installed in those air-handling spaces must conform to a higher safety standard.

### Features

### Benefits

Plenum Rated For Concealed Spaces	Can be installed in unoccupied spaces with zero-clearance to combustibles
N.E.M.A. 12 Construction	Engineered to withstand dirty, dusty, moist or even mildly corrosive environments
Compact Low-Profile Design	Ideal for tight spaces
PlatinumX Electronic Temperature Controller	Provides precise temperature control and energy-saving operation.
Built-In Provision For Using Any 24V Remote Thermostat (Optional)	Enables integration with Nest, other smart thermostats, or a BMS for remote control.
Secondary Manual-Reset Safety Limit with Audible Alarm	In a catastrophic condition, an audible alarm can be heard once limit trips

### Applications

- Plenum Spaces • Concealed Spaces • Meeting Stringent City of Chicago Standards • Heavy Duty Industrial • High-Rise & Office Buildings • Schools • Food Processing Plants • Harsh Environments

# KBU

## PlatinumX BMS Series Compact Plenum-Rated Heater

- Compact Size, Zero Clearance Design
- PlatinumX Electronic Controller
- 1-Stage Heating 5kW and below + 3PH models
- 2-Stage Heating 7.5 & 10kW (1-PH models)
- N.E.M.A. 12 Construction
- Built-In Provision For Using Any 24V Remote Thermostat (Optional)
- Compatible with NEST / Any 24V Thermostat, including WIFI stats
- Auto Memory Feature: Returns Unit To Last Settings After Power Outage
- Built-In Fan Delay to Dissipate Heat
- High Mass Steel Fin Heat Exchanger
- Automatic Primary and Manual-Reset Secondary Safety Limit w/ Audible Alarm
- Axial Fan
- Compatible With BMS Systems
- Solid Riveted Construction For Consistent, Long-Term Durability
- Permanent Lubricated Totally Enclosed Unit Bearing Motor
- Low Profile Ceiling Mounting Bracket Included

### WARRANTY

2-Year Limited Warranty

## PLATINUMX

Certified To The Latest Standards:  
UL 60335-2-40, 4th Ed. & CSA C22.2 NO. 60335-2-40:22, 4th Ed.

Solid Riveted Construction For Consistent, Long-term Durability

#### Optional Controls



ECO Pro Controller



Occupancy Sensor



Window Sensor

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### Approved For Installations in Concealed Spaces, or Any Areas That Are Not Readily Accessible.

### APPLICATIONS:

 | Between Finished Ceiling and Drop Ceiling; Plenum Space; Freeze Protection

### Better Comfort Through Better Engineering.

Rated for Zero Clearance



Ideal for Concealed Areas

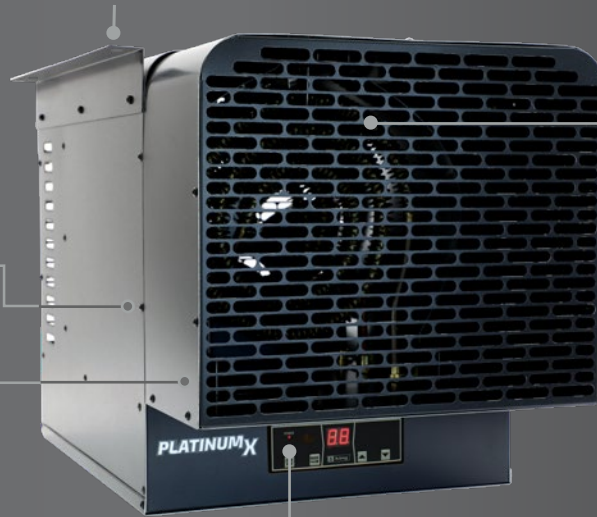


## Advanced Features for Ease of Use & Flexibility

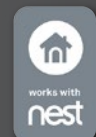
Plenum Rated For Zero Clearance Mounting  
Against Any Surface – Ideal For Concealed Spaces



Spiral Steel Fin Heating Elements – Provides Excellent Heat Transfer & Enhanced Durability



Infrared Remote Control Included



or Any 24V  
WIFI Stat



Electronic Temperature Controller – For Temperature Accuracy +/-1°F

Built-In Provision To Add Optional 24V Remote Thermostat, including WiFi Thermostats or BMS System integration



# Expand Your Control w/ Optional ECO PRO Controller & Wireless Sensors

*For 7-Day Programmable Heating Schedule & Automatic Temperature Setbacks*



**BMS COMPATIBLE**

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

**RF Occupancy Sensor (optional)**

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

**or**

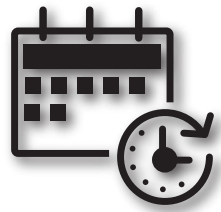
**RF Window/Door Sensor (optional)**

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

## Upgrade to the ECO PRO CONTROLLER: 7-Day Programmable Thermostat with Remote Temperature Sensing



ECO Pro Controller



7-Day Programmable Heating Schedule



Balanced Heat Throughout the Space



Comfort, Right Where You Want It



Remote Temperature Sensing