

Electronic Wall Heater PX ECO2S Series



Model Code:

PX	24	17	-ECO	-WD	-R
A	B	C	D	E	F

A: Series
B: 12 - 120V 20 - 208V 24 - 240V
C: Watts 15-1500W 17-1750W
D: ECO2S Controller
E: Color
F: Color Box Packaging

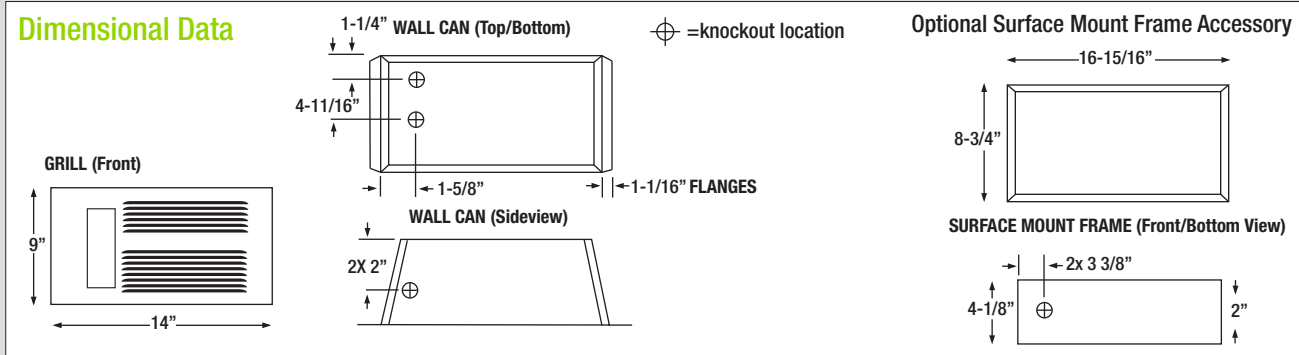


- Modern Curved Design
- ECO2S Electronic Controller
- Energy Efficient 2-Stage Heating
- Fan Only & Timer Modes
- Remote Control Included
- Pic-A-Watt® Element
- Multiple Wattage Options
- Whisper Quiet Blower Design
- C-Frame Motor
- Patented Smart Limit Protection®
- Standard Color: White Dove
- Design Colors Available
- 120, 208, 240 Volts
- 5-Year Limited Warranty



The PX **eco2S** Series Wall Heater

King redefines comfort with the energy saving smart series ECO2S Wall heater. Combining a sleek and modern design with unparalleled performance, energy efficiency and user control. The ECO2S controller ensures consistent comfort by minimizing temperature swings. In a cold room it utilizes full power to heat the room quickly. Once the desired temperature is achieved, the heater automatically reduces the wattage to maintain the room temperature and save energy. Includes both summer fan only and timer mode options, as well as a remote control for simple operation. In addition, King's exclusive Pic-A-Watt selectable wattage element allows customers to select from a range of wattage options, tailoring the heater to a room's specific heating requirements. It's as easy as unplugging a wire to select the maximum wattage during installation. Now That's Smart!



Modern Curved Grill – Simultaneously makes a bold statement and blends in with any décor

Built-In Fan Delay – Dissipates heat from the high-mass steel fin elements increasing energy efficiency

Selectable Wattage – Tailor the heater to an area's specific heating requirements.

ECO2S Electronic Control – Automatically uses lowest wattage needed to heat the room

Infrared Remote Control Included

Timer and Summer Fan Only Modes



Electronic Wall Heater PX ECO2S Series Pic-A-Watt Selectable Wattage Element

Engineering Specifications

Contractor shall supply and install PX ECO2S Series electronic in-wall forced-air electric heaters manufactured by King Electrical Mfg. Company, of the wattage and voltage as indicated on the plans.

Ratings: Heaters shall be available in wattages of 750 to 1,500 at 120 or 750-1750 at 208, or 240 Volts.

ECO2S Electronic Control: Up, Down temperature mode. Automatic 2-Stage heating (High & ECO Modes). Start/Stop. Fan Only and Timer (1-9hours) Modes. Standard on all heaters. The control voltage is equal to the line voltage.

Blower and Motor: A whisper quiet tangential blower, delivering 75 CFM, shall be driven by a shaded pole, permanently lubricated, C-frame type motor with impedance protection and sealed bearings. Motors shall be the same voltage as the heater.

Elements: 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 up to 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 acceptable.

Thermal Overload: Heaters shall be equipped with King's patented thermal overload Smart Limit Protection®, which disconnects the 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. Automatic reset of thermal overloads, which allow the element to continue to cycle under abnormal conditions, will not be accepted.

Grill: The grill shall be a louvered, one-piece curved front design with rounded edges on all four sides, with duct flange outlet to achieve maximum heat transfer. The grill shall be epoxy powder-coated in white dove, almondine, satin nickel or oiled bronze.

Wall Can: The wall can shall be 20 gauge electro-galvanized steel and shall contain a minimum of three (3) knockouts. The wall can shall have a factory installed, insulated and stranded copper ground-wire. Minimum 4" clearance to floors and 6" sidewalls. Zero clearance to combustibles in the wall.

Approvals: cULus (E41422)

Ordering Information

*Add suffix -WD-R for optional White Dove color -AD-R for optional Almondine color -SN-R for optional Satin Nickel color -OB-R for optional Oiled Bronze color

BASE MODEL	VOLTS	WATTS	AMPS	WT. (lbs.)
PX1215-ECO	120	750•1000•1250•1500	6.25-12.5	12.5
PX2017-ECO	208	750•1250•1500•1000•1750	3.6-8.4	12.5
PX2417-ECO	240/208*	750•1250•1500•1000•1750	3.1-7.3	12.5

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

Options

ADD SUFFIX	DESCRIPTION
-WD-R	White Dove Color - Color Box Packaging
-AD-R	Almondine Color - Color Box Packaging
-SN-R	Satin Nickel Color - Color Box Packaging
-OB-R	Oiled Bronze Color - Color Box Packaging

Order A' La Carte

MODEL	DESCRIPTION	WEIGHT lbs
PX1215-ECO-HRC	PX 120V, 1500W, Heat Box & Recessed Wall Can	10.4
PX2017-ECO-HRC	PX 208V, 1750W, Heat Box & Recessed Wall Can	10.4
PX2417-ECO-HRC	PX 240V, 1750W, Heat Box & Recessed Wall Can	10.4
PXG-ECO-WD	PX Grill, White Dove Color	2.2
PXG-ECO-AD	PX Grill, Almondine Color	2.2
PXG-ECO-SN	PX Grill, Satin Nickel Color	2.2
PXG-ECO-OB	PX Grill, Oiled Bronze Color	2.2
PXSMF-WD	PX Surface Mount Frame, White Dove Color (H 8-3/4 x W 16-15/16 x D 4-1/4)	2.4
PXSMF-AD	PX Surface Mount Frame, Almondine Dove Color (H 8-3/4 x W 16-15/16 x D 4-1/4)	2.4
PXSMF-SN	PX Surface Mount Frame, Satin Nickel Color (H 8-3/4 x W 16-15/16 x D 4-1/4)	2.4
PXSMF-OB	PX Surface Mount Frame, Oiled Bronze Color (H 8-3/4 x W 16-15/16 x D 4-1/4)	2.4
PX-RP	PX Rough In Plate - For New Construction	0.5
PXIC	PX Wall Can	3