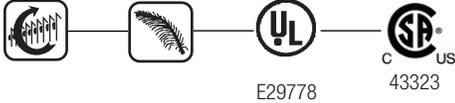


# baseboard heater

**K**  
SERIES

## CONVECTION



### FEATURES:

- Convection Heat
- Quiet Running
- Backwire design
- Built-in cable clamps
- Crushproof element
- All-aluminum element
- Full length safety cutout
- Baked enamel finish
- Standard color: almond (-A)
- Electrogalvanized 20 gauge front cover, 22 gauge back can
- Reinforced cover
- Soft contoured corners
- 7/8" in diameter knockouts for 1/2" conduit
- Removable reflector

**Baseboard heaters are an economical way** to provide heat. They are typically used in apartment construction and other rental properties because of low initial cost and maintenance.

Quality components guarantee a long-lasting, reliable heater. Standard color is almond. Special colors available. Customer must provide sample or color chip at time of order. Due to the King painting system an exact color match is not guaranteed.

Four weeks or more lead time is required on all special color baseboard orders. Special pricing will apply.

Institutional grade 18 gauge front covers and 22 gauge back cans are available for special applications. All other specifications are the same as the standard heater. **NOTE:** Baseboard heaters are to be mounted on outside walls to cover the coldest part of a room with a blanket of heat.

### OPTIONS:

- Color: bright white (-BW)
- 18 gauge front cover
- Single or Double Pole thermostat



Die-formed corners provide a smooth appearance and added safety

### ENGINEERING SPECIFICATIONS:

Contractor shall supply and install K Series electric convection baseboard heaters manufactured by King Electrical Mfg. Company of the wattage, voltage and length indicated on the plans.

#### Construction:

- The heater shall take room air in the bottom (lower front) and discharge it through the top front.
- The heater back, bottom, and top shall be fabricated from electrogalvanized 22 gauge steel. Front panels shall be fabricated from 20 gauge electrogalvanized steel, ribbed longitudinally for extra strength and have center support to resist impact loads.
- The heater casing shall have modern rounded ends and corners to provide a smooth appearance, finished with a baked enamel.
- The heater shall be provided with a continuous capillary sensor tube for thermal protection, extending the full length of the heating element, rated at 175° F, and be a fail-safe type.

- The heater shall have a 44 cubic inch junctionbox at both ends, furnished with five 1/2" knockouts located on the back, bottom, and side.
- Heater elements shall consist of high quality 80% Nickel and 20% Chromium alloy resistant wire completely surrounded by Magnesium Oxide and enclosed in a rust-resistant sheath. Ribbon aluminum fining shall be compression welded to the sheathed element to provide chimney-type flue for heat transfer.
- Heaters shall be supplied with a one year limited warranty.

#### Rating and Approval:

- The heaters shall be available in ratings from 375 through 1,500 Watts at 120 Volts, and 375 to 2,500 Watts at 208-240 and 277 Volts.
- The heaters shall be available in 187 or 250 Watts per lineal foot.
- UL (E29778), cCSAus (43323)

**MODEL CODE:**

**4K2410A**

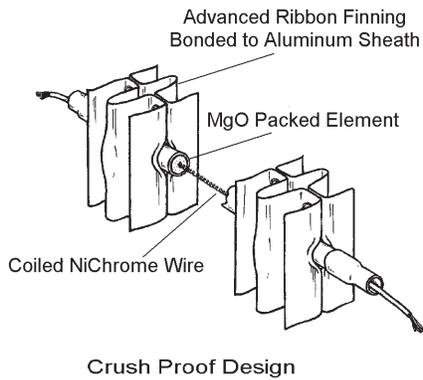
4' Length  
K Series  
240 Volts  
1000 Watts  
A Almond

**STANDARD DENSITY: 250 WATTS PER FOOT**

WATTAGE	120V		208V		240V		277V		LENGTH	WT. (lbs.)
	*MODEL	UPC #093319 PART #	*MODEL	UPC #093319 PART #	*MODEL	UPC #093319 PART #	*MODEL	UPC #093319 PART #		
500	2K1205A	11362	2K2005A	11382	2K2405A	11410	2K2403A	11442	27"	6.5
750	3K1207A	11366	3K2007A	11386	3K2407A	11414	3K2405A	11446	3 ft.	8
1000	4K1210A	11370	4K2010A	11390	4K2410A	11418	4K2407A	11452	4 ft.	10.5
1250	5K1212A	11374	5K2012A	11394	5K2412A	11422	5K2410A	11456	5 ft.	13
1500	6K1215A	11378	6K2015A	11398	6K2415A	11426	6K2412A	11460	6 ft.	15
1750					7K2418A	11430			7 ft.	19
2000			8K2020A	11402	8K2420A	11434	8K2415A	11464	8 ft.	19
2500			10K2025A	11406	10K2425A	11438	10K2418A	11468	10 ft.	24

\* Add suffix (-BW) for optional bright white finish. **Note:** Over 6500 ft altitude 210 degree limits required

Standard Color: Almond

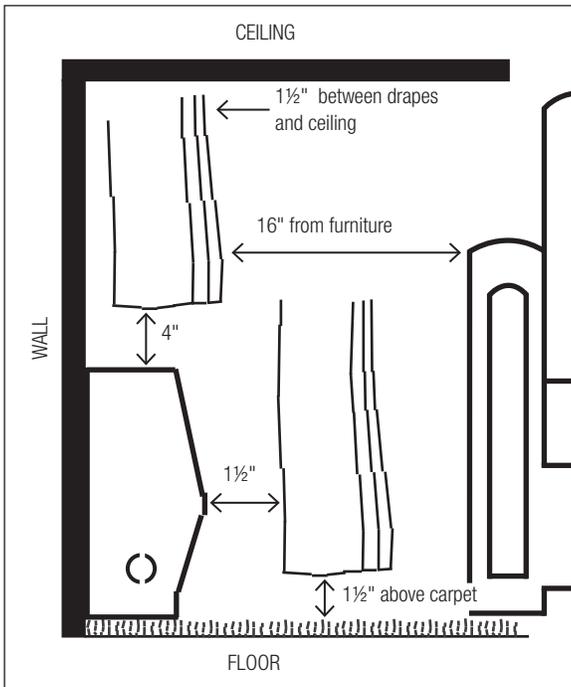


**LOW DENSITY: 187 WATTS PER FOOT**

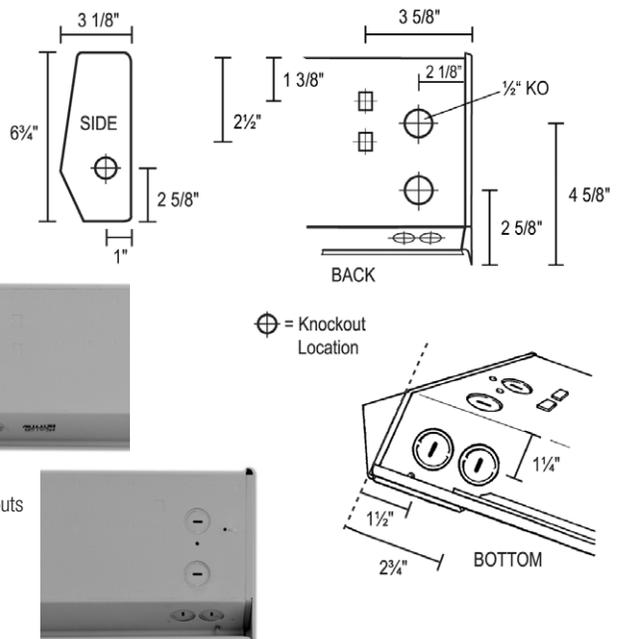
WATTAGE	208V		240V		LENGTH	WT. (lbs.)
	*MODEL	UPC #093319 PART #	*MODEL	UPC #093319 PART #		
375	2K2405A	11410	2K2403A	11442	27"	6.5
563	3K2407A	11414	3K2405A	11446	3 FT.	8
750	4K2410A	11418	4K2407A	11452	4 FT.	10.5
938	5K2412A	11422	5K2410A	11456	5 FT.	13
1125	6K2415A	11426	6K2412A	11460	6 FT.	15
1313	7K2418A	11430			7 FT.	19
1500	8K2420A	11434	8K2415A	11464	8 FT.	19
1875	10K2425A	11438	10K2418A	11468	10 FT.	24

\* Add suffix (-BW) for optional bright white finish. **Note:** Over 8000 ft Altitude 210 degree limits required

**CLEARANCE MINIMUMS FOR DRAPES**



**DIMENSIONS:**

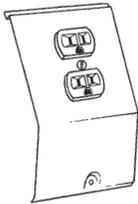


Junction boxes showing knockouts

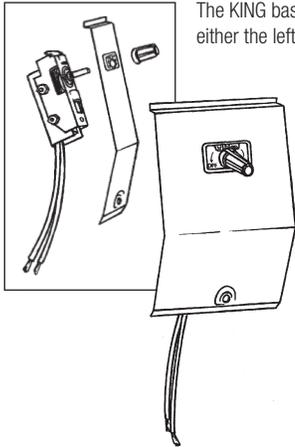
**ACCESSORIES:**

*MODEL	DESCRIPTION	UPC #093319 PART #	WT. (lbs.)
BKC	Corner Connector	11472	1
BKR120	Duplex Receptacle Cover Plate (requires separate circuit)	11492	1
BKLT120	Load Transfer Cover Plate (Heat / Cool / Off) 120V	11480	1.5
BKLT240	Load Transfer Cover Plate (Heat / Cool / Off) 240V	11482	1.5
BKHCT240	Heat / Cool Switch 240V double pole thermostat - junction box cover	11478	1.5
BKCB1	4" Relay Control Box (relays not included)	11518	1.5
BKCB2	8" Dual Relay Control Box (relays not included)	11490	3
BKT1	Built-in Single Pole Single Throw Thermostat Kit	11496	1
BKT2	Built-in Double Pole Single Throw Thermostat Kit	11502	1
BKT1-TP	Built-in Tamperproof Thermostat Kit Single Pole Single Throw	11528	1
BKT2-TP	Built-in Tamperproof Thermostat Kit Double Pole Single Throw	11530	1
	12 Oz. Can Spray Paint - Bright White	19565	.75
	12 Oz. Can Spray Paint - Almond	19568	.75

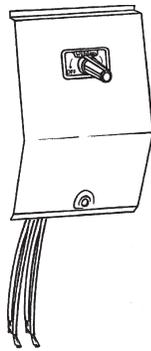
\* Add suffix (-BW) for optional bright white finish



BKR120 - Duplex Receptacle Cover Plate (requires separate circuit)



The KING baseboard thermostat may be mounted in either the left or right junctionbox of the heater.



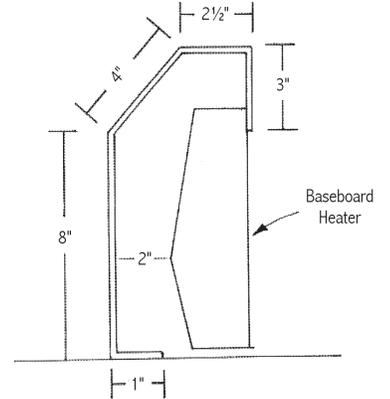
BKT1 - Built-In Thermostat Kit SPST

BKT2 - Built-In Thermostat Kit DPST



made to order

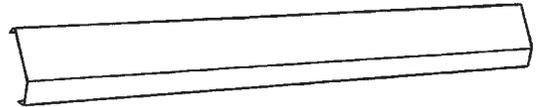
K-Series Heater Shield



MODEL	SHIELD (specify color - Almond or White) NON CANCELLABLE NON-RETURNABLE ITEM (NCNR)	UPC #093319 PART #	WT. (lbs.)
SHIELD-33"	K-Series Heater Shield for 27" Baseboard	10290	6
SHIELD-42"	K-Series Heater Shield for 3' Baseboard	10291	7
SHIELD-54"	K-Series Heater Shield for 4' Baseboard	10292	8.5
SHIELD-66"	K-Series Heater Shield for 5' Baseboard	10293	10
SHIELD-78"	K-Series Heater Shield for 6' Baseboard	10294	11
SHIELD-102"	K-Series Heater Shield for 8' Baseboard	10295	14

**NON CANCELLABLE NON-RETURNABLE ITEM (NCNR)**

\*Requires separate circuit



Baseboard 18 Gauge Cover Adder

**NON-CANCELLABLE NON-RETURNABLE ITEM (NCNR)**

MODEL	COVER (specify color - Almond or White)	UPC #093319 PART #	WT. (lbs.)
BB-18ga Cover 2'	18 Gauge Cover for 27" Baseboard	52054	1.5
BB-18ga Cover 3'	18 Gauge Cover for 3' Baseboard	52056	2
BB-18ga Cover 4'	18 Gauge Cover for 4' Baseboard	52058	2.6
BB-18ga Cover 5'	18 Gauge Cover for 5' Baseboard	52060	3.65
BB-18ga Cover 6'	18 Gauge Cover for 6' Baseboard	52062	4
BB-18ga Cover 8'	18 Gauge Cover for 8' Baseboard	52064	5.3
BB-18ga Cover 10'	18 Gauge Cover for 10' Baseboard	52052	6.2

Add the appropriate part number to the price of the baseboard for 18 gauge covers