king

Smart Heating Solutions

MADE IN USA
With U.S. & Global Materials

SUBMITTAL SHEET

Job Name: _____ Submitted By: Date:

Location: _____ _____ _____

Architect: _____ _____ _____

Engineer: _____ Approved By: Date:

Contractor: _____ _____ _____

Submitted By: _____ _____ _____

King Contact: _____ _____ _____

Quotes@king-electric.com

Date: _____

Tag	Qty	Item Number	Watts	Volts	PH	Amps	Weight

Accessories

Tag	Qty	Item Number

Baseboard Heater K Series



Model Code:

4	K	24	10	-HAL	-BW
A	B	C	D	E	F

A: Length
B: Series
C: Volts
D: Watts (375 to 2400)
E: -HAL (High Altitude Limit)
F: Color (BW) Bright White (A) Almond

- Aluminum ribbon fin element
- Full length safety cutout
- Crushproof element
- Natural convection heat
- Back wire design
- Built-in clamps coming soon
- Baked enamel finish
- Dent resistant die form cover
- 120, 208, 240 or 277 volts
- Available high altitude limit option
- Standard color: bright white (optional almond color)
- 7-year limited warranty

c UL us LISTED

MADE IN USA
With U.S. & Global Materials

The K Series Baseboard Heater

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 bright white. Almond color available. 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.

HIGH ALTITUDE OPTION
7,000 FT
ORDER - HAL OPTION

Ordering Information **Standard models**

Add suffix (-BW) for optional Bright White color or suffix (-AL) for optional Almond color

	MODEL	VOLTS	WATTS	AMPS	LENGTH	SHIP WEIGHT lbs
	2K1205	120	500	4.2	27”	6.5
	3K1207	120	750	6.3	3 ft.	8
120V	4K1210	120	1000	8.3	4 ft.	10.5
	5K1212	120	1250	10.4	5 ft.	13
	6K1215	120	1500	12.5	6 ft.	15
	2K2005	208	500	2.4	27”	6.5
	3K2007	208	750	3.6	3 ft.	8
	4K2010	208	1000	4.8	4 ft.	10.5
208V	5K2012	208	1250	6.0	5 ft.	13
	6K2015	208	1500	7.2	6 ft.	15
	8K2020	208	2000	9.6	8 ft.	19
	8K2024	208	2400	11.5	8 ft.	19
	2K2405	240/208*	500/375*	2.1/1.8*	27”	6.5
	3K2407	240/208*	750/563*	3.1/2.7*	3 ft.	8
	4K2410	240/208*	1000/750*	4.2/3.7*	4 ft.	10.5
240V	5K2412	240/208*	1250/938*	5.2/4.5*	5 ft.	13
	6K2415	240/208*	1500/1125*	6.3/5.5*	6 ft.	15
	8K2420	240/208*	2000/1500*	8.3/7.2*	8 ft.	19
	8K2424	240/208*	2400/1800*	10.0/8.7*	8 ft.	19
	2K2403	277	500	1.8	27”	6.5
	3K2405	277	666	2.7	3 ft.	8
	4K2407	277	1000	3.6	4 ft.	10.5
277V	5K2410	277	1332	4.5	5 ft.	13
	6K2412	277	1500	5.4	6 ft.	15
	8K2415	277	2000	7.2	8 ft.	19
	8K2418	277	2400	9.0	8 ft.	19

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

Ordering Information ***Low Density: 187 Watts per foot**

Add suffix (-BW) for optional Bright White color or suffix (-AL) for optional Almond color

MODEL	VOLTS	WATTS	AMPS	LENGTH	SHIP WEIGHT lbs
2K2405	208	375	1.8	27”	6.5
3K2407	208	563	2.7	3 ft.	8
4K2410	208	750	3.6	4 ft.	10.5
5K2412	208	938	4.5	5 ft.	13

Baseboard Heater K Series

Ordering Information

***Low Density: 187 Watts per foot** Add suffix (-BW) for optional Bright White color or suffix (-AL) for optional Almond color

MODEL	VOLTS	WATTS	AMPS	LENGTH	SHIP WEIGHT lbs
6K2415	208	1125	5.4	6 ft.	15
8K2420	208	1500	7.2	8 ft.	19
8K2424	208	1800	9.0	8 ft.	19
2K2403	240/208*	375/281*	1.6/1.4*	27"	6.5
3K2405	240/208*	563/422*	2.3/2.1*	3 ft.	8
4K2407	240/208*	750/563*	3.1/2.7*	4 ft.	10.5
5K2410	240/208*	938/704*	3.9/3.4*	5 ft.	13
6K2412	240/208*	1125/844*	4.7/4.1*	6 ft.	15
8K2415	240/208*	1500/1125*	6.3/5.4*	8 ft.	19
8K2418	240/208*	1800/1350*	7.8/6.5*	8 ft.	19

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

Factory Installed Options

ADD SUFFIX	DESCRIPTION	SHIP WEIGHT lbs
-HAL	High Altitude Limit (For Baseboards Used Above 7,000 Feet Altitude)	N/A
-BK	Optional Backwire Junction Box	N/A
-BW	Bright White Color	0
-AL	Almond Color	0

Accessories

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
BK-CVR-AL	55517	J-BoX Cover, K/CB Base Board, Blank, Almond	0.2
BK-CVR-BW	55518	J-Box Cover, K/CB Base Board, Blank, Bright White	0.2
BKT1-BW	11484	Built-In Thermostat Kit (SPST) - Bright White	0.6
BKT1-AL	20656	Built-In Thermostat Kit (SPST) - Almond	0.6
BKT2-BW	11488	Built-In Thermostat Kit (DPST) - Bright White	0.6
BKT2-AL	20657	Built-In Thermostat Kit (SPST) - Almond	0.6
BKT1-TP-BW	11542	Built-In Tamperproof Stat Kit (SPST) - Bright White	0.3
BKT1-TP-AL	22251	Built-In Tamperproof Stat Kit (SPST) - Almond	0.3

Accessories NON Cancel-able - NON Returnable item (NCNR)

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
BKT2-TP-BW	11544	Built-In Tamperproof Stat Kit (DPST) - Bright White	0.6
BKT2-TP-A	33679	Built-In Tamperproof Stat Kit (DPST) - Almond	0.6
BKC-BW	11474	Corner Connector - inside cover Bright White	1.5
BKC-AL	11472	Corner Connector - inside cover Almond	1.5
BKR120-BW	11494	Duplex Cover Plate (includes 120V receptacle) Bright White	0.5
BKR120-AL	11492	Duplex Cover Plate (includes 120V receptacle) Bright White	0.5
BKLT120-BW*	11481	Load Transfer Cover Plate (Heat/Cool/Off) 120V Bright White	0.5
BKLT120-AL*	11480	Load Transfer Cover Plate (Heat/Cool/Off) 120V Almond	0.5
BKLT240-BW*	11483	Load Transfer Cover Plate (Heat/Cool/Off) 240V Bright White	0.5
BKLT240-AL*	11482	Load Transfer Cover Plate (Heat/Cool/Off) 240V Almond	0.5
BKCB1-BW	11532	3-3/4" Relay Control Box Bright White	1.5
BKCB1-AL	11518	3-3/4" Relay Control Box Almond	1.5
BKCB2-BW	11534	7-1/8" Dual Relay Control Box Bright White	3.0
BKCB2-AL	11490	7-1/8" Dual Relay Control Box Almond	3.0
BKCB2-RS-BW	33676	7-1/8" Box w/ Disconnect Switch 10A/240V, 15A/125V Bright White	3.0
BKCB2-RS-AL	11485	7-1/8" Box w/ Disconnect Switch 10A/240V, 15A/125V Almond	3.0
BKCB1-T1-BW	33675	3-3/4" Junction Box w/SP Thermostat Bright White	1.5
BKCB1-T1-AL	11489	3-3/4" Junction Box w/SP Thermostat Almond	1.5
BKT1BW-BK	11052	Accessory Back Wire SP Thermostat Kit Bright White	1.5
BKT1-BK-AL	33677	Accessory Back Wire SP Thermostat Kit Almond	1.5
BKT2-BK-BW	11053	Accessory Back Wire DP Thermostat Kit Bright White	1.5
BKT2-BK-AL	33678	Accessory Back Wire DP Thermostat Kit Almond	1.5
BK-TIMER3HR-BW	11487	3 Hour spring wound timer/wire leads 16 amp/250 Vac. 15 Amp/125 Vac.	0.6
BMR	10305	Accessory Manual Reset Safety Limit	0.6

*Requires BKCB1 Control box, order separately.

Baseboard Heater Accessories K Series

Shield Options NON Cancel-able - NON Returnable item (NCNR)

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
SHIELD-33 IN-BW	10280	Heater Shield for 27" Baseboard Bright White	6
SHIELD-33 IN-AL	10290	Heater Shield for 27" Baseboard Almond	6
SHIELD-42 IN-BW	10281	Heater Shield for 3' Baseboard Bright White	7
SHIELD-42 IN-AL	10291	Heater Shield for 3' Baseboard Almond	7
SHIELD-54 IN-BW	10282	Heater Shield for 4' Baseboard Bright White	8.5
SHIELD-54 IN-AL	10292	Heater Shield for 4' Baseboard Almond	8.5
SHIELD-66 IN-BW	10283	Heater Shield for 5' Baseboard Bright White	10
SHIELD-66 IN-AL	10293	Heater Shield for 5' Baseboard Almond	10
SHIELD-78 IN-BW	10284	Heater Shield for 6' Baseboard Bright White	11
SHIELD-78 IN-AL	10294	Heater Shield for 6' Baseboard Almond	11
SHIELD-102 IN-BW	10285	Heater Shield for 8' Baseboard Bright White	14
SHIELD-102 IN-AL	10295	Heater Shield for 8' Baseboard Almond	14

Cover Options NON Cancel-able - NON Returnable item (NCNR)

MODEL	UPC	DESCRIPTION	SHIP WEIGHT lbs
BB-18GA COVER 2 FT-BW	52054	18 Gauge Cover for 27" Baseboard Bright White	1.5
BB-18GA COVER 2 FT-AL	55515	18 Gauge Cover for 27" Baseboard Almond	1.5
BB-18GA COVER 3 FT-BW	52056	18 Gauge Cover for 3' Baseboard Bright White	2
BB-18GA COVER 3 FT-AL	33671	18 Gauge Cover for 3' Baseboard Almond	2
BB-18GA COVER 4 FT-BW	52058	18 Gauge Cover for 4' Baseboard Bright White	2.6
BB-18GA COVER 4 FT-AL	33672	18 Gauge Cover for 4' Baseboard Almond	2.6
BB-18GA COVER 5 FT-BW	52060	18 Gauge Cover for 5' Baseboard Bright White	3.7
BB-18GA COVER 5 FT-AL	33710	18 Gauge Cover for 5' Baseboard Almond	3.7
BB-18GA COVER 6 FT-BW	52062	18 Gauge Cover for 6' Baseboard Bright White	4
BB-18GA COVER 6 FT-AL	33673	18 Gauge Cover for 6' Baseboard Almond	4
BB-18GA COVER 8 FT-BW	52064	18 Gauge Cover for 8' Baseboard Bright White	5.3
BB-18GA COVER 8 FT-AL	33674	18 Gauge Cover for 8' Baseboard Almond	5.3

Thermostats, Options & Accessories

BKR120-AL



BKT1-BW



BKT1-TP-BW



BKLT240*



*Shown with box

BKCB1



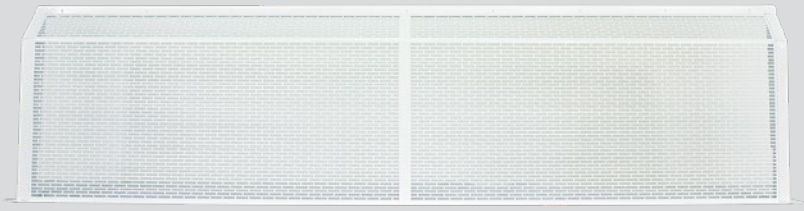
BKCB2-DS-BW



BKT-TIMER3HR-BW

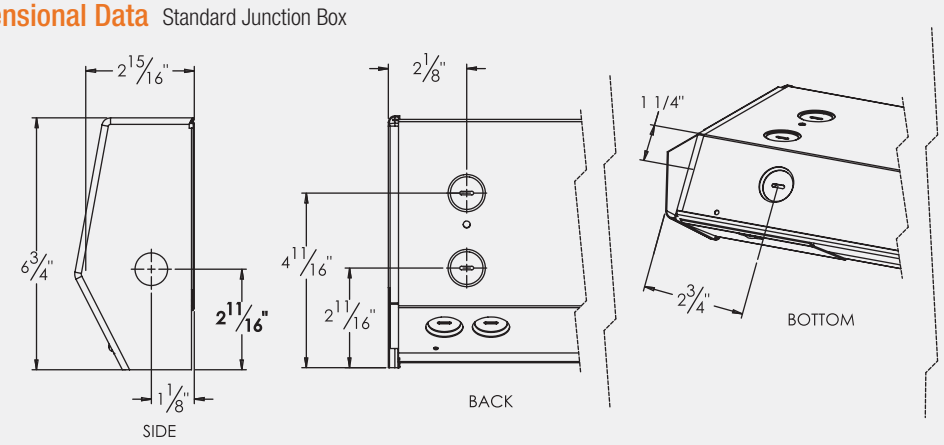


Heater Shield

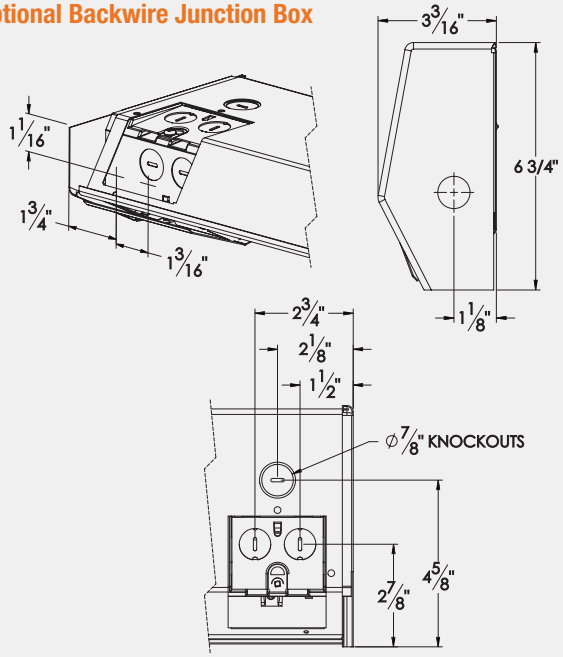


Baseboard Heater Accessories K Series

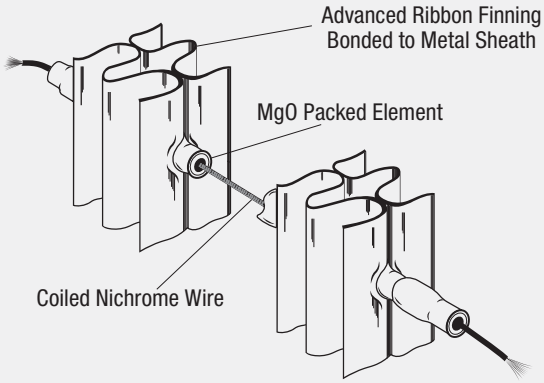
Dimensional Data Standard Junction Box



Optional Backwire Junction Box



Crush Proof Design



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 front, back, bottom, and top shall be fabricated 22 gauge 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 junction box at both ends, furnished with five ½" knockouts located on the back, bottom, and side.
- Heater elements shall consist of high quality 80% Nickel and 20% Chromium alloy corrosion-resistant wire completely surrounded by Magnesium Oxide and enclosed in a rust-resistant sheath. Ribbon aluminum finning 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 2,400 Watts at 208-240 and 277 Volts.
- The heaters shall be available in 187 or 250 Watts per lineal foot.
- cULus (E29778)

King Electrical Manufacturing Company / 9131 10th Avenue South, Seattle, WA 98108 / phone 206.762.0400 / fax 206.763.7738 / www.king-electric.com