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

Industrial Radiant Heater OK Series

Model Code:

OKB	59	3	C6	-120V
A	B	C	D	E

- **A: Series**
  - H = 45˚ Pattern
  - B = 60˚ Pattern
- **B: Length**
- **C: Watts**
- **D: 60˚ Reflector**
- **E: Volts**

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- **OKB:** INDOOR RATED
- **OKH:** INDOOR/OUTDOOR RATED
- Radiant heat
- Incoloy® element
- 60˚ spread
- OKB: Anodized reflector
- OKB: Tilting swivel bracket
- OKB: Set screw adjustment
- OKB: Eyebolts for chain mounting
- OKB: Use 90˚C wire
- OKH: Hairpin Incoloy® sheathed element
- OKH: Moisture resistant housing
- OKH: Sliding mounting pads

The OK Radiant Heater Series

The major benefit of infrared heating is its ability to transfer heat to a person or object without heating the surrounding air. The OKB is commonly used for indoor spot heating applications where a great amount of heat is not required and where the mounting height is relatively low. Example installations include churches, garages, and indoor pools. The OKH is excellent for indoor and outdoor areas with increased density.

Ordering Information

MODEL	PATTERN SPREAD	WATTS	UPC	TYPE	VOLTS	AMPS	MOUNTING HEIGHT	COVERAGE WIDTH	COVERAGE LENGTH	COVERAGE SQ. FT.	LENGTH	WIDTH	HEIGHT	WT. LBS.
OKH191H6R-120V	45˚	1600	11650	Hairpin Element	120	13.3	7 ft. 8 ft. 9 ft.	4.6” 5.8” 6.9”	5.6” 6.6” 7.6“	25.7 37.8 52.3	23.5”	7”	5”	11
OKH191H6R-240V	45˚	1600	11655	Hairpin Element	240	6.6	10 ft. 11 ft.	8.1” 9.2”	8.6“ 9.6”	69.1 88.1				
OKB593C6-208V	60˚	3000	11665	Single Element	208	14.4	8 ft. 9 ft.	5.8” 6.9”	9.2” 10.2“	52.9 70.4	61.5”	4.25”	5”	4
OKB593C6-240V	60˚	3000	11660	Single Element	240	12.5	10 ft. 11 ft.	8.1” 9.2”	11.2“ 12.2”	90.2 112.2				
OKB593C6-480V	60˚	3000	11670	Single Element	480	6.25	12 ft. 13 ft.	10.4” 11.5”	13.2“ 14.2”	136.6 163.3				
OKB595E6-208V	60˚	5000	11680	Double Element	208	24	10 ft. 11 ft. 12 ft.	8.1” 9.2” 10.4”	11.2“ 12.2” 13.2“	90.2 112.2 136.6	61.5”	4.25“	5”	4
OKB595E6-240V	60˚	5000	11675	Double Element	240	20.8	13 ft. 14 ft.	11.5” 12.7”	14.2” 15.2“	163.3 192.3				
OKB595E6-480V	60˚	5000	11685	Double Element	480	10.4	15 ft. 16 ft.	13.8” 15”	16.2“ 17.2”	223.6 257.1				

Engineering Specifications

Contractor shall supply and install OK Series radiant heaters by King Electrical Mfg. Company. Heaters shall be of the wattage and voltage as indicated on the plans.

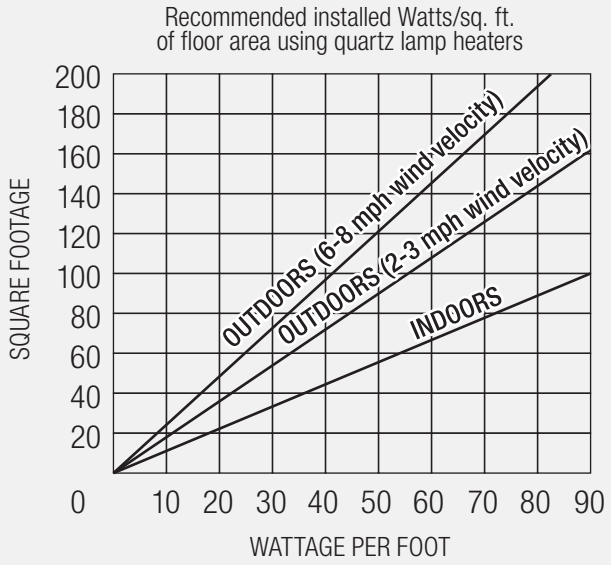
Element: Shall be of Ni-Chrome wire embedded in Magnesium Oxide with an Incoloy® metal sheath.

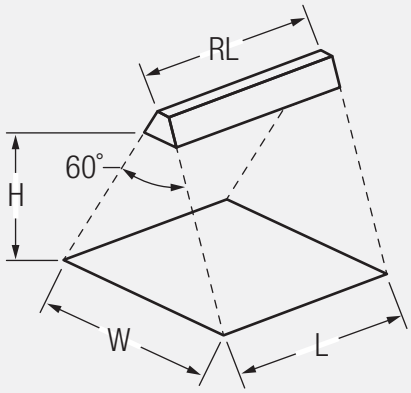
* **OKB:** INDOOR RATED
* **OKH:** INDOOR/OUTDOOR RATED

Junction Box: Will be extruded Aluminum and provided with heater O-ring seals which may be used to seal off junctionbox from moisture (included on OKH units only). OKB units shall have single or dual Incoloy® elements and shall swivel to direct radiant pattern to best meet the needs of application. For indoor use only.

Mounting: Shall be provided by means of 2 eyehooks per heater.

Industrial Radiant Heater OK Series





RL=REFLECTOR LENGTH
W=FLOOR WIDTH
H=MOUNTING HEIGHT
L=FLOOR LENGTH

Use the table above to choose the proper mounting height, heated space coverage and desired temperature rise. For example: a warehouse that is 40°F with a work space area of 135ft² needs to be 60°F to make workers comfortable. This requires a temperature rise of 20°F. Referring to the table we find that the OKB at 3000 Watts mounted at 12 feet would provide the required coverage. Note the coverage area and temperature rise are calculated at 3 feet above floor level. This means a heater mounted 10 feet high from the floor would produce values in the table measured 7 feet vertically down from the fixture.

DANGER: Take precautions to ensure combustible materials are kept a safe distance away, 24 inches minimum.

Minimum Space Clearings

WALL	END	CEILING	FLOOR	BETWEEN
24”	24”	24”	72”	36”