

## Commonly Asked Questions:

- Q.** Will the room heat up faster if I put the thermostat on 90 degrees when I get home?
- A.** No. The thermostat is just an on-off switch that is temperature sensitive. The heater is either on or off.
- Q.** My baseboards are on outside walls, should fan heaters be also?
- A.** No. A fan heater, recessed into an outside wall, will create extra heat loss and air leakage for that room. An inside wall, facing a cold window, is the best location.
- Q.** My thermostat is above my fan-heater. Why?
- A.** The fan heater blows warm air away from itself and into the room. By the time the warm air has recirculated and reached the thermostat above the heater, a comfortable room temperature has been achieved.
- Q.** Will my electric bill be lower if I use 120 volt heaters?
- A.** No. Same size 120 volt and 240 volt heaters will use the same amount of power, measured in watts or kilowatts. Your electric company charges by kilowatt hours.
- Q.** Should I clean my heater?
- A.** Yes. Once a year you must clean and inspect your heaters. Please refer to the section "Taking Care of Your Heating System" on the previous page. You may request a copy of the operation & maintenance for your heater if you have lost it.
- Q.** Why does my new heater produce smoke when I turn it on?
- A.** In the manufacturing process, a light lubricant is used, which will burn when the heater is energized. The smoke will stop after the heater has fully heated. There is no cause for alarm. It is recommended to open a window during initial operations.
- Q.** If I need to replace my heater, can I use a higher wattage heater?
- A.** Your electrical system was sized for the original heater's wattage. A smaller heater would be OK, but a larger heater may create a hazard.
- Q.** Are King heaters actually made in Seattle, Washington?
- A.** Yes. Since 1958 we have made quality residential, commercial and industrial heating products in the same location.



## Electric Zone Controlled Heating

# COMFORT GUIDE

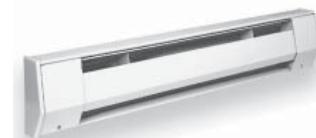
## Operation & Maintenance

### **Congratulations!**

You are now the proud owner of a high-quality zonal heating system entirely manufactured in Seattle, Washington U.S.A.

When you purchased this King Electric Heater you chose the finest type of heating system available. It will maintain a constant level of comfort, providing the exact temperature you want in each room.

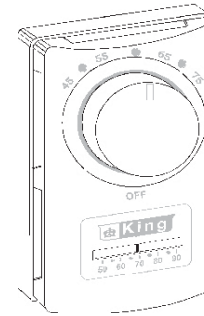
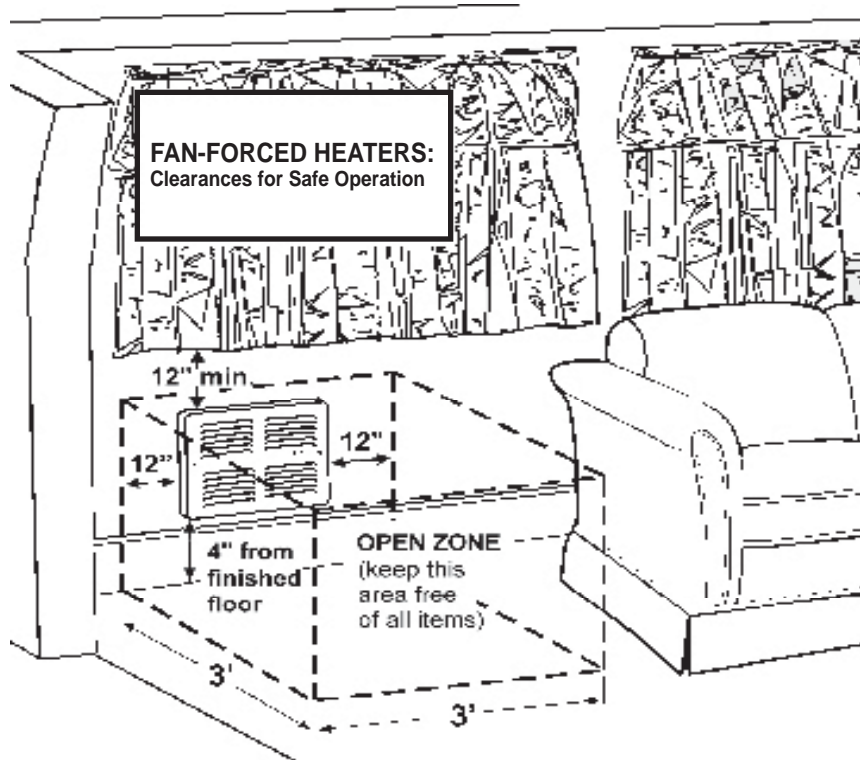
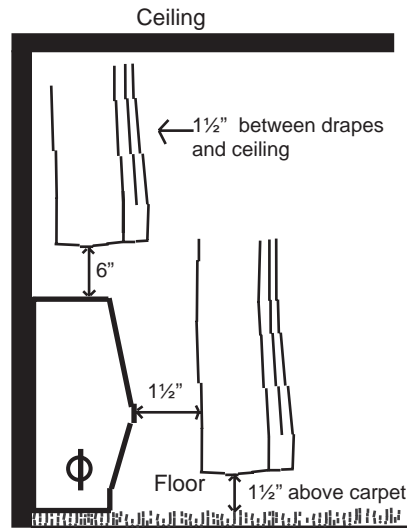
Here are some helpful suggestions enabling you to get the most comfortable, efficient and safe operation from your King heating system. With proper care and maintenance this King heater should provide years of trouble-free service.



## Before installation and use:

1. Use a vacuum cleaner or soft bristle brush to remove any dirt/debris that may be on the grill and heater element.
2. Carefully follow the clearances listed (see diagrams) for safe heater operation.
3. Verify the electrical power supply and heater voltage are the same. **240 and 120 Volt heaters are not interchangeable.** Reversing Voltage ratings voids any/all guarantees and warranties.

## BASEBOARD HEATERS: Clearances for Safe Operation



## Zone Control (setting the thermostats):

Thermostat settings are a matter of personal preference. A few days of adjustments will help you determine the setting that is comfortable for you. Most people keep their living quarters at 68 to 72°F (20 to 22°C) and sleeping areas at 65°F (18°C). It is also wise to set living area thermostats back at night, but not below 60°F (16°C).

## Temperature & cost relationship:

When setting your thermostat, you may want to consider the relative cost of various temperatures. The chart at right shows how much higher your heating bill may be if you like temperatures warmer than 70°F (21°C).

80°	+31.0%
79°	+28.0%
78°	+25.0%
77°	+21.9%
76°	+18.7%
75°	+15.6%
74°	+12.5%
73°	+9.4%
72°	+6.2%
71°	+3.1%
70°	
69°	-3.1%

## Taking care of your heating system:

At the start of each heating season clean and inspect each heater. **It is extremely important to remember to turn off the power at the circuit breaker before attempting any installation, maintenance or repairs. Failure to do so may result in serious electrical shock, burns or possible death.**

Remove the grill on fan heaters. Clean any dust or lint from inside the heater with a vacuum cleaner, compressed air or soft bristle brush. Check that the fan spins freely.

Between 5-10 years you may want to upgrade your thermostat, as the sensing element may not be as accurate as when new. The most accurate thermostat is listed as an anticipated model.

If, in the future, you decide to remodel or add rooms to your home, you won't have to worry about the size of your heating system. With electric heat you can add to the heating system, in large or small increments.

