

BEST · PROGRAMMABLE



ECP ELECTRONIC 5 + 1 + 1 PROGRAMMABLE LINE VOLTAGE - BATTERY POWERED*

New Product! available mid-2007



shown with cover
Key Lock, Hold functions
Time/Temperature Display
One button HIBERNATE
Battery powered

MODEL	UPC #093319 PART #	TYPE	PACKAGING	WIRE LEADS	VOLTS	AMPS	TEMP. RANGE
ECP	19243	5+1+1 Day Electronic Programmable	Box (50 pieces)	2 Wire	208 / 240	16	40°F - 95°F
ECP-R	19241	5+1+1 Day Electronic Programmable	Clamshell** (10 pieces)	2 Wire	208 / 240	16	40°F - 95°F

* battery powered to allow use on 2 wire installations
** a master pack of 4 - 10 packs is available (40 units total)

This electronic AA battery powered thermostat brings new cost, comfort and convenience options to the King product line.



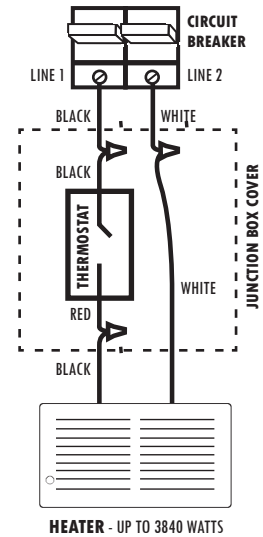
"E-Z dial" under cover

wandering fingers under the front cover,

function selection is an easy twist to the left or right. Need to quickly raise or lower the heat? Just push the up or down arrows. Tap the display button to show time, set point or current temperature. This smart thermostat will conveniently tell you by LCD icon when to change the batteries!

At King we know what you want and always strive to give it to you.

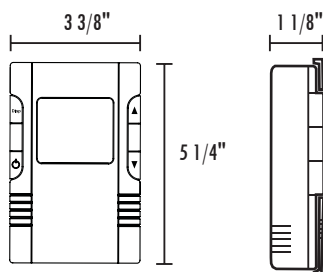
WIRING DIAGRAM



SPECIFICATIONS

Temperature Range:
40°F to 95°F (4°C - 35°C)
Temperature Default: 68°F (20°C)
Display Format: LCD
Display Size: Large Format
Sample Rate: Every 60 seconds
Delay On or Off: 3 minutes
Heat Indicator: LCD "heater on"
Relay Rating: 16 Amps
Relay: AA battery powered
Accuracy: ± .9°F @ 2000W
Maximum Amps: 16 resistive continuous
Maximum Watts: 3840 @ 240V
3328 @ 208V
1920 @ 120V
Minimum Watts: 0
Power Supply: 1 - 240VAC
1 - 30VDC

Dimensions:



FEATURES

- Save up to 28% on heating costs.
- Even temperature control.
- Electronic temperature sensing is the most accurate technology.
- 1 minute cycle rate reduces temperature swings and increases comfort at all control settings.
- Contemporary design.
- Complies with all codes requiring anticipated or electronic thermostats.
- Single pole design with 2 wires.
- LCD display with temperature and time of day.
- White color with gray print.
- Shallow design allows more wiring room inside full electrical boxes.
- Tap key temperature settings.
- Flame icon heat indicator.
- Low battery indication.
- System HIBERNATE button.
- 16 Amps at 240V, 3840 Watts.
- 16 Amps at 208V, 3328 Watts.
- 16 Amps at 120V, 1920 Watts.
- Two wire installation.
- Snap action relay built-in.
- AA battery powered relay.
- Wire leads #12 AWG.
- 3/4" depth into wire box.
- 40°F to 95°F (4°C to 35°C) set point range.
- Dial program operation.
- Electronically anticipated.
- Thermistor sensor.
- Contemporary styling.
- Digital thermometer/set point.
- Large LCD display.
- Meets energy requirements.
- 1.5 degrees maximum swing.
- 3 min. delay between cycles.
- For use on all types of electric heaters, fan-forced, baseboard, radiant, etc.
- System HIBERNATE button.

TECHNICAL

INSTALLATION

This line voltage device should be installed and serviced by a qualified electrician. The thermostat has been designed to mount to a standard 2" X 4" electrical outlet box. Leveling of the thermostat is not required. Mounting screws are provided. Mount the thermostat about five feet above the floor in an area with good air circulation. Avoid mounting the thermostat where it will be affected by drafts, air from ducts, and radiant heat sources such as appliances, the sun or plumbing pipes.



cover removed for programming